



User Manual

Foxit[®] Reader

For Windows

Microsoft[®] Partner
Gold Independent Software Vendor (ISV)

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Anti-Grain Geometry - Version 2.4

Copyright (C) 2002-2004 Maxim Shemanarev (<http://www.antigrain.com>)

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Chapter 1 – Introduction

Foxit Reader Overview

Welcome to Foxit Reader-- the right choice to view and print PDF documents!

Foxit offers two packages of Foxit Reader (EXE and MSI). Foxit Reader (EXE) is a free PDF document viewer and creator. Foxit Reader (MSI) is developed on the basis of Foxit Reader (EXE), but it extends the usability and performance. Foxit Reader (MSI) provides advanced tools equipped with proactive security features, and is fully featured with solutions such as RMS Protection, GPO Control, XML Control, and other PDF viewing needs of enterprises and governments. This User Manual explains more in depth on the capabilities and functions of Foxit Reader, but for more information on the deployment of Foxit Reader (MSI), please refer to "[Foxit Reader Deployment and Configuration](#)".

Foxit Reader (EXE) is a free PDF document viewer and printer. It launches quickly and is easy to install. Just run "Foxit Reader Setup" and then follow the [installation guides](#) to complete installation.

In addition to the basic PDF viewing functions, Foxit Reader also includes various advanced features, such as adding annotations, saving a PDF document as a text file, copying text from the text viewer, and digital signature validation.

Foxit Reader Add-ons

Foxit Reader provides separate add-ons for you to download on demand. These critical and advanced add-ons can be updated by the Update Manager, or they can also be downloaded from our website

(<https://www.foxitsoftware.com/products/addons.php?product=reader>).

Critical Add-ons

Critical add-ons are essential components for proper display and execution of our software.

Free Critical Add-ons in Foxit Reader

Name	Function Description	Size	Remark
JPEG2000/JBIG Decoder	This add-on module is for decoding images in JPEG2000 or JBIG2 formats. If you don't install	169KB	Download Free

	this module, images in those formats cannot be displayed.		
GDI+ Module	This is a redistributable module from Microsoft which provides better display quality for graphics. You can still view the PDF file without this module in lower graphic quality. Installing this module will not affect any other applications on your system.	764KB	Download Free
JavaScript Support	This add-on is used to execute JavaScript in many interactive forms. If you don't install this add-on, you still can fill in such forms, but you wouldn't be able to perform some automated tasks like field value verification and recalculation.	1.05MB	Download Free

NOTE: To manually install a critical add-on, please extract it to the same directory where you installed Foxit Reader.

See also ["Updating Foxit Reader"](#).

Advanced Add-ons

Advanced add-ons have many specific capabilities.

Advanced Add-ons in Foxit Reader

Name	Function Description	Size	Remark
Foxit Toolbar for Browser	This add-on is a free toolbar for IE or Firefox that delivers up-to-date Foxit news and upgrades straight to your Internet browser, enabling the user to search the web anytime anywhere, giving easy access to various useful goodies and gadgets.	1.01MB	Download Free
Spell Checker	When you fill out an English form or use typewriter to insert any English text, this tool will try to find any spelling errors and highlight them with squiggly lines. If you right click on the misspelled words, you will see a list of suggested words. Click here to download the dictionary.	4.2MB	Download Free
RMS Plug-in	RMS Plug-in provides seamless integration with Microsoft Windows	2.53MB	Integrated in the package.

	Server environment to protect PDF documents and manage policy templates. With this plug-in, you can restrict user's access to documents to safeguard digital information from unauthorized use.		Foxit Reader (EXE): Feature is free, with watermark displayed in PDFs. Foxit Reader(MSI): Free trial for 14 days, without watermark displayed in PDFs.
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Tips:**1. Instructions on installation of .fzip package below**

To manually install a critical or an advanced add-on, please run Foxit Reader, and then go to **Help > Install Update >** browse and choose the related downloaded package, and then click the **Open** button. When you're done, click **Done** to finish the installation.

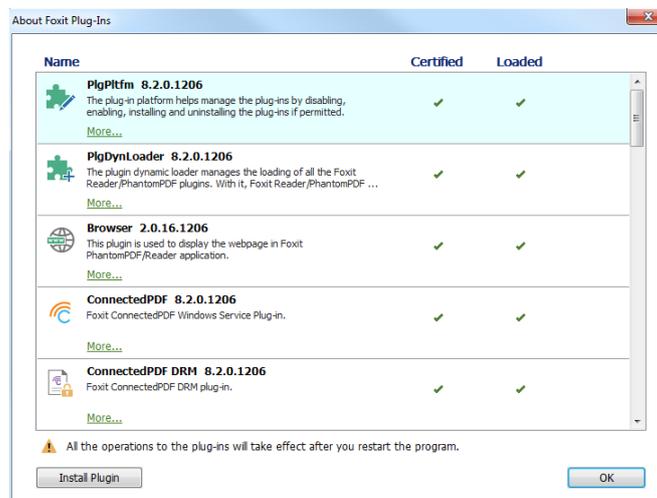
2. How to install the dictionary for Foxit Spell Checker?

After you download the dictionary and unzip it, please save the unzipped folder named "lex" to the same installation folder of Foxit Reader, which could be placed in "C:\Program Files\Foxit Software\Foxit Reader".

Foxit Plug-In Platform

For flexible and convenient management of plugins, Foxit Reader offers a Plug-in Platform that allows you to view the plug-in status, learn the information about the plugins installed, as well as manage the plug-ins needed.

To open Foxit Plug-in Platform, please choose **Help > Foxit Plug-Ins**  , and the window will show up as below.



Foxit Plug-in Platform

Plug-in Status

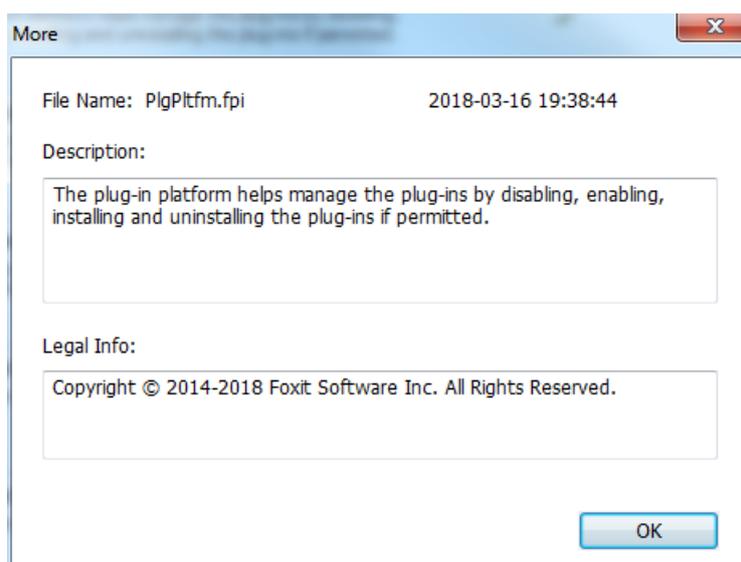
Foxit Reader lists the plug-ins that have been installed in the **About Foxit Plug-Ins** windows. Some plug-ins will be loaded the first time you use the related features. When the plug-in is successfully loaded, a checkmark will be displayed in the **Loaded** column. You can view the plug-in status in the following two columns:

- **Certified:** Shows whether the signature of the plug-in is valid or not.
- **Loaded:** Shows whether the plug-in has been loaded successfully or not.

Plug-in Information

In addition to plug-in status, you can learn more information about the plug-in installed; including the name, date, description and legal copyright.

To learn the details of a plug-in, please click **More** under the general description of the plug-in shown in the Foxit Plug-in Platform. Then a dialog box showing the details of the plug-in will pop up (as shown below).



Plug-in Management

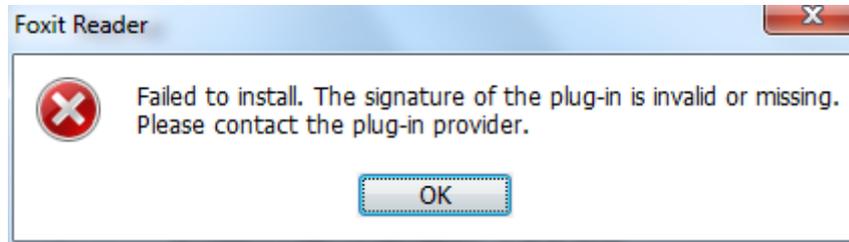
With Foxit Plug-in Platform, you can manage the plug-ins as needed; including installing, enabling, disabling, and uninstalling plug-ins.

Installing a Plug-in

To install a plug-in, please follow the steps below:

- Select **Help > Foxit Plug-Ins** to open Foxit Plug-In Platform;
- Click **Install Plugin >** choose the plug-in file (in .xml format) > click **Open**.

Then Foxit Reader will verify whether the signature of the plug-in to be installed is valid or not. If it is valid, Foxit Reader will load the plug-in directly; if not, a prompt message will pop up (as shown below), and the installation will be terminated.



Note: The .xml and .fpi files of a plug-in to be installed should be placed in the same folder to avoid an installation failure.

Disabling a Plug-in

To disable a plug-in, please follow the steps below:

- Select **Help > Foxit Plug-Ins** to open Foxit Plug-in Platform.
- Select the plug-in you want to disable, and click the **Disable** button  to disable it.

Enabling a Plug-in

To enable a plug-in, please follow the steps below:

- Select **Help > Foxit Plug-Ins** to open Foxit Plug-in Platform.
- Select the plug-in to be enabled, and click the **Undo Disable** button  to enable it.

Uninstalling a Custom Plug-in

To uninstall a custom plug-in (not built by Foxit), please follow the steps below:

- Select **Help > Foxit Plug-Ins** to open Foxit Plug-in Platform.
- Select the plug-in to be uninstalled, and click the **Uninstall** button  to uninstall it.

Note:

1. All the operations to the plug-ins will take effect after you restart Foxit Reader.
2. Foxit Reader includes plug-ins that are required for the use of its functions, as well as for maintenance. To ensure regular performance of the software, you are not allowed to disable or uninstall the plug-ins (such as Foxit Updater plugin, Foxit Plug-in Platform plugin, and more.)

Chapter 2 – Getting Started

This section gives you an overview of Foxit Reader and how to install or uninstall, upgrade, as well as customize work area and toolbar.

Installing Foxit Reader

Windows System Requirements

Foxit Reader runs successfully on the operating systems listed below. (If your computer does not meet these requirements, you may not be able to use Foxit Reader.)

Operating Systems

- Windows 7
- Windows 8
- Windows 10
- Verified as Citrix Ready® with Citrix XenApp® 7.13

Recommended Minimum Hardware for Better Performance

- 1.3 GHz or faster processor
- 512 MB RAM (Recommended: 1 GB RAM or greater)
- 1 GB of available hard drive space
- 1024x768 screen resolution

How to Install?

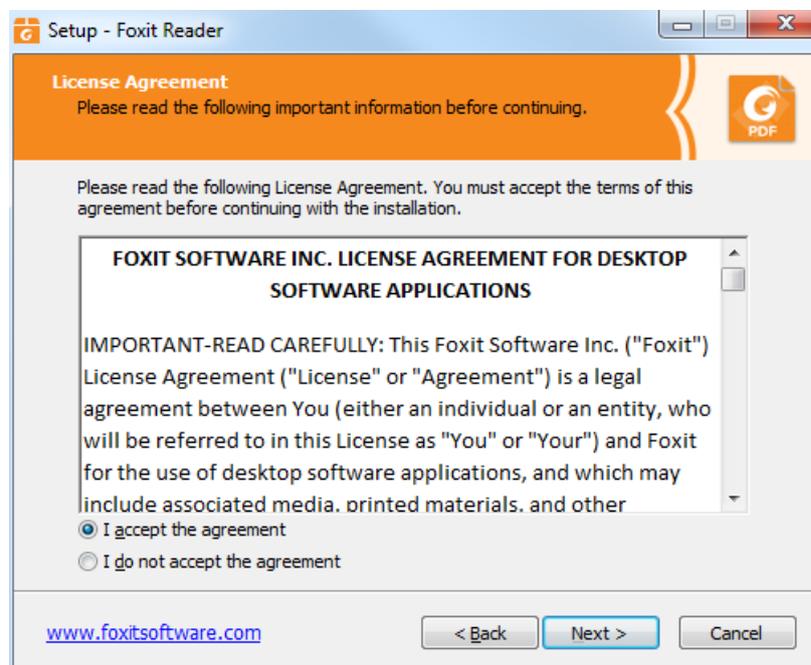
Please visit Foxit's website (<https://www.foxitsoftware.com/downloads/>) to download the latest version of Foxit Reader for free.

If you download the "FoxitReader_setup.exe" file to your computer, please do the following:

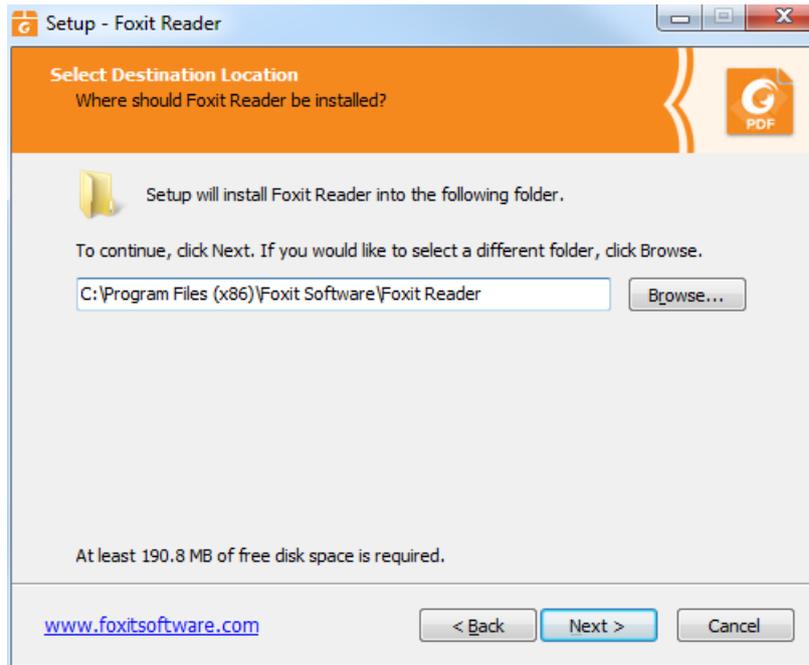
- Double-click the installation file and you will see the Install Wizard pop up. Click **Next** to continue.



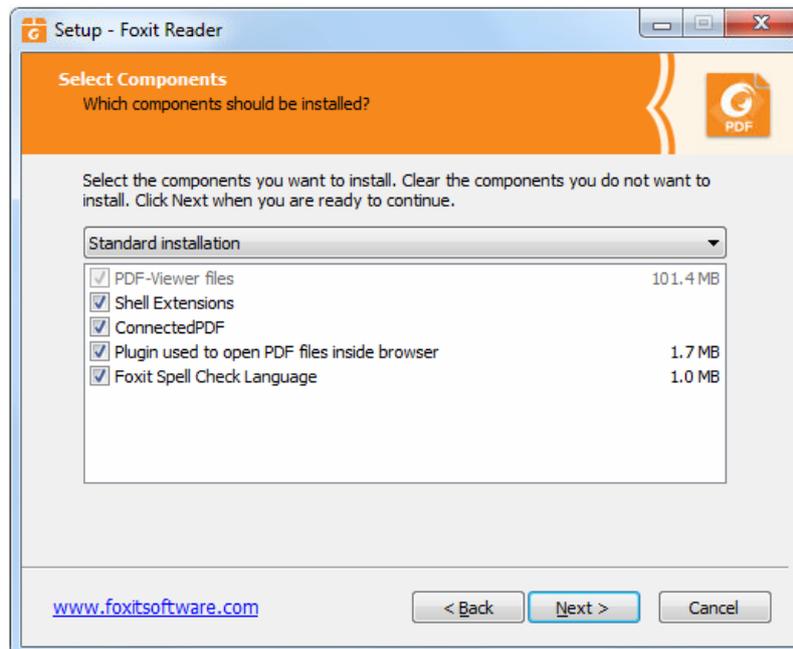
- In order to install Foxit Reader on your system, you are required to accept the terms and conditions of Foxit's License Agreement. Please read the agreement carefully and then check **I accept the agreement** and click **Next** to continue. If you cannot accept the agreement, please click **Cancel** to exit the installation.



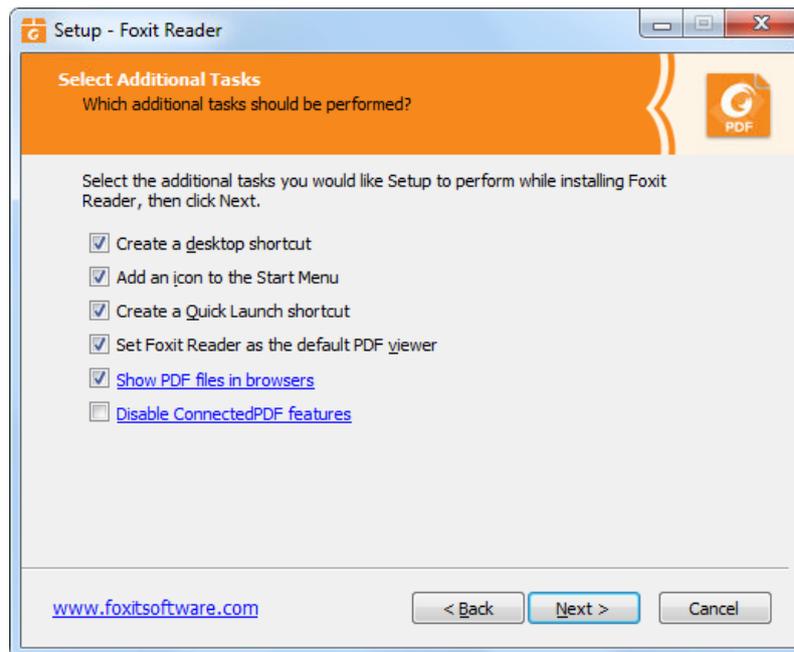
- Foxit Reader will be installed under the default path: C:\Program Files\Foxit Software\Foxit Reader. If you want to change the location, please click **Browse** and set the installation path.



- Choose to select standard or custom installation. You may also select the additional components.



- If you choose custom installation, you will be given a chance to select the additional tasks that you would like to perform while installing Foxit Reader.



- If you want to set Safe Reading Mode during installation, please check the **Enable Safe Reading Mode**.



- Check the choices you made and click **Install**.



- Finally, a message will appear to inform you the successful installation. Click **Finish** to complete the installation.



Command-line Installation

The Foxit Reader properties are:

/COMPONENTS <list of features> The value of the **/COMPONENTS** property is a comma delimited list of features which the installation of Foxit Reader will make available locally. Foxit Reader installer defines the following features:

	<p>pdfviewer - Foxit PDF Viewer and its components.</p> <p>ffaddin - Plugin which is used for opening PDF files in Mozilla Firefox, Opera, Safari, and Chrome browsers. This feature requires pdfviewer to be installed.</p> <p>ffSpellCheck - Spell check tool which is used for searching any misspelled words in typewriter or form filler mode and suggesting the correct spellings. This feature requires pdfviewer to be installed.</p> <p>ffse - Plugins for Windows Explorer and Windows shell. These extensions allow PDF thumbnails to be viewed in Windows Explorer, and PDF files to be previewed in Windows OS and Office 2007 (or a later version). This feature requires pdfviewer feature to be installed.</p> <p>ConnectedPDF - ConnectedPDF plugin which is used to create, share, protect, and track ConnectedPDF documents.</p>
/DIR	Specifies the folder where products will be installed.
/TASKS <list of features>	<p>The value of the /TASKS property is a comma delimited list of features which the installation of Foxit Reader will make available locally. Foxit Reader installer defines the following features:</p> <p>desktopicon - Installer will place a shortcut for the installed application on Desktop.</p> <p>startmenufolder - Installer will create program menu group for installed application and its components.</p> <p>Quicklaunchicon - Installer will place a shortcut for the installed application on the Quick Launch Toolbar.</p> <p>setDefaultReader - Foxit Reader will be set as the default PDF reader.</p> <p>DisplayInBrowser - Foxit Reader will be configured to open PDF files inside browsers.</p>
/force	Forces to install Foxit Reader.
/clean	Removes all of Reader's registry data and related files.
/DisableInternet	Disables all features that require Internet connection.
/displayadobeindoc	Opens embedded PDF files in Microsoft Office with Foxit Reader if Acrobat and Foxit PhantomPDF is not installed.
CPDF_DISABLE	Disables the ConnectedPDF features by setting the value to "1".
READ_MODE	Opens PDF file in Read Mode by default in web browsers by

setting the value to "1".

DISABLE_UNINSTALL_SURVEY Stops the Uninstall Survey after uninstallation by setting the value to "1".

Command-line Examples:

1. Silently install the application (no user interaction) to folder "C:\Program Files\Foxit Software", install ffse component and create desktop icon only:

```
"Foxit Reader" /COMPONENTS="ffse" /TASKS=" desktopicon" /DIR=" C:\Program Files\Foxit Software" /verysilent
```

Updating Foxit Reader Add-ons

Foxit Reader and add-ons can be updated in several ways. Some updates are available if you open a PDF document that triggers the updating process. Other updates are available only from the **Help** tab, where you have to manually install them. However, all updates can be downloaded directly from Foxit website.

Updating from the Help Tab

1. Choose **Help > Check for Updates**.
2. Select updates from the column on the left, and click **Add** to move them to the right column. Or click **Add All Add-ons** to select all the available updates. Only the updates and components appropriate for your product will be listed.
3. Click **Next**. Foxit Reader will download and install the update automatically. When finished, click **OK** to exit Foxit Reader Updater.

Use Foxit Updater

1. Choose **File > Preferences > Updater**.
2. Check the appropriate option according to your requirements.
 - Automatically install updates: the system will automatically download and replace the original files in the installation folder when there is a new version.
 - Automatically download updates, but let me choose when to install them (recommended): the system will automatically download and display a message informing you of the upgrade and allowing you to choose to upgrade to the new version. This option is checked by default.
 - Do not download or install updates automatically: never download or install updates automatically.
3. Click **OK**.

Updating From Foxit Website

1. Click to visit <https://www.foxitsoftware.com/products/addons.php>.
2. Select and download the add-ons you want to update.
3. Extract them to the same directory where you install Foxit Reader.
4. Re-run the Foxit Reader program to implement the update files.

Note: You can save the customization and settings and apply them in the new version after upgrading.

Uninstalling Foxit Reader

How to Uninstall?

Please do one of the following:

- Click **Start > All Programs > Foxit Reader > Uninstall Foxit Reader**.
- For Windows 8 and 10, click **Start > Windows System > Control Panel > Programs > Programs and Features** > Select Foxit Reader and click **Uninstall**. For Windows 7, Click **Start > Control Panel > Programs > Uninstall a program**, select Foxit Reader and click **Uninstall/Change**.
- Double click the Uninstall shortcut under the Foxit Reader installation directory drive.

Note: A short survey window will pop up when Foxit Reader is uninstalled, in order to collect suggestions for improvement.

Online Help

You can get online help about how to read and work with PDF files from within Foxit Reader using the Help Center and Content-sensitive Help features.

Help Center

Help Center helps you navigate top help topics and get help online. To access the Help Center, please click **Help > Help Center**. In the Help Center, you can input a keyword in the **Search** box to search for any desired topic. While reading the help contents, you can click



to move back to the previous view, or click



to return to the Home Page of the Help Center.

Content-sensitive Help

Content-sensitive Help assists users by providing help based on a specific task they perform. This enables users to get specific information about whatever feature of the application they are using at the given moment.

To access Content-sensitive Help:

Hover your mouse over a button, and you will see the tip which gives you the basic instruction of the feature. If Foxit Reader contains additional help about the feature, you can click **Tell me more** to learn more about it in the Help Center.

Work Area

Work Area Overview

Foxit Reader opens in two different ways: on its own (as a standalone application) and in a web browser. The associated work areas slightly differ.

The Foxit Reader work area includes a document pane that displays PDFs and a navigation pane on the left side that helps you browse through the current PDF. Toolbars near the top and bottom of the window provide other controls that you can use to work with PDFs, including toolbar pane, tab bar and status bar.

The Work Area for PDFs Open in the Application

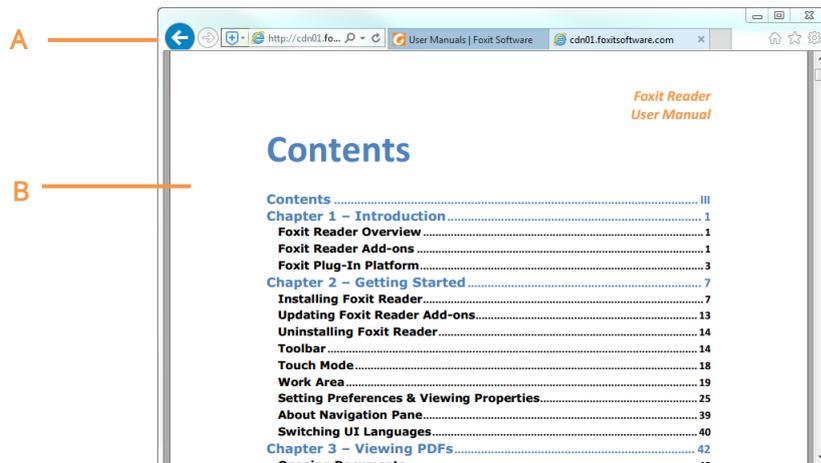
You can double-click the Foxit Reader icon on the desktop to start the program, and choose **File > Open** to open a PDF file from local disks or cloud services. For more information about the work area, please refer to [Toolbar and Commands](#).

The Work Area for PDFs Open in a Web Browser

You can open and view PDFs in web browser with Foxit Reader if you have set Foxit Reader as the default PDF viewer.

- Open a web browser application.
- Select a PDF anywhere on the Internet and click the link.

- The PDF will be opened by Foxit Reader directly in the web browser.



PDF Open in a Web Browser

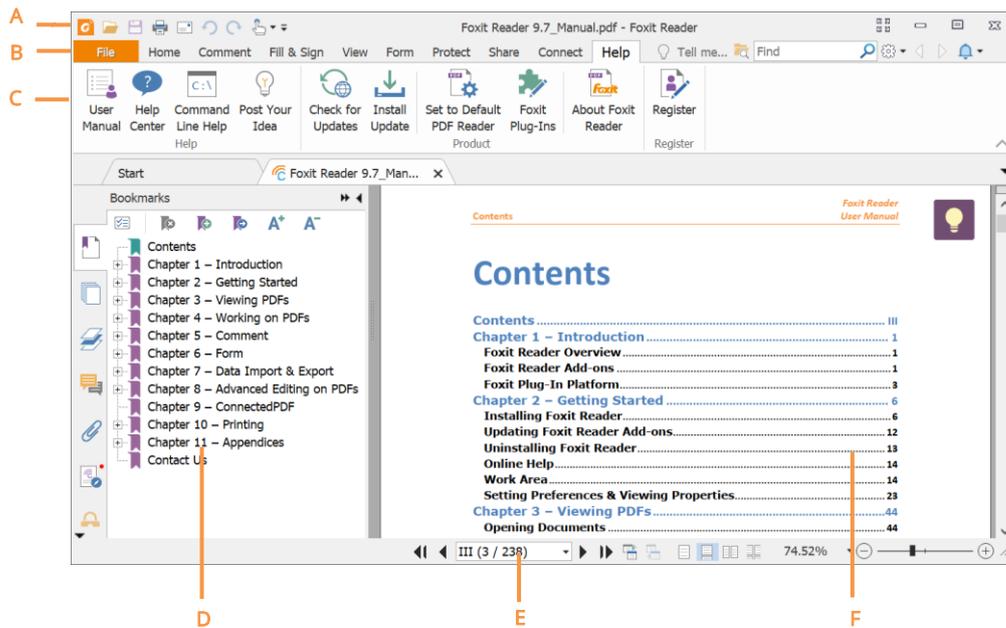
- A. Web browser application menu bar and buttons
- B. Document pane

Tip: In a web browser, Foxit Reader will display PDFs in Read Mode by default, hiding the toolbars to maximize the document pane. You can right click the document pane and uncheck **Read Mode** to show the toolbars and work on PDFs as desired.

Toolbar and Commands

Toolbar Overview

Foxit has integrated the collective commands in the ribbon interface and created a new way of working, namely Ribbon Mode. Ribbon Mode is developed based on Microsoft Office 2013 (Office 15) to provide you with a familiar and intuitive user experience. In this mode, commands are arranged by groups and tasks. Below are some of the highlights of the new interface.



User Interface

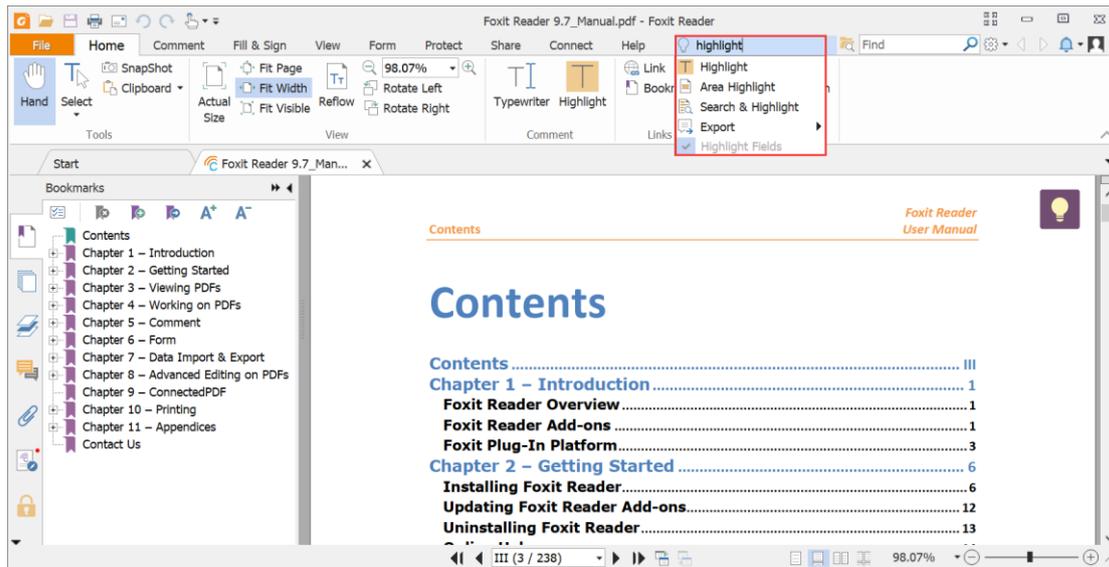
A. Quick Access Toolbar **B.** Tab **C.** Group and Command **D.** Navigation Pane (Bookmark Panel displayed) **E.** Status bar **F.** Document Pane

As shown above, Foxit Reader generally contains three toolbars, i.e. Quick Access Toolbar, Tab Bar and Group and Command Bar.

- **Quick Access Toolbar:** shows the basic commands, such as Open, Save, and Print. You can add or replace the commands so as to ensure that the commonly used ones are close at hand.
- **Tab Bar:** shows the major tabs of Foxit Reader, being classified as File, Home, Comment, View, Form, Protect, Share, Connect, and Help.
- **Group and Command Bar:** categorizes the commands by groups according to the function.

Search and Find Commands

You can type the command name in the **Tell Me** field to find a command and bring the feature to your fingertips with ease. For example, if you want to highlight text in a PDF file, put your cursor in the **Tell Me** box (or press **Alt + Q**) and input "highlight". Then Foxit Reader will display a list of matching commands from which you can select and activate the desired feature.



Touch Mode

Touch mode makes it easier to use Foxit Reader on touch devices. In touch mode, the toolbar buttons, commands, and panels are slightly shifted apart for easier selection with your fingers. To switch to touch mode, please click  on the Quick Access Toolbar, and choose **Touch Mode**. While in touch mode, you can click  and choose **Mouse Mode** to return to the mouse mode.

About Navigation Pane

The navigation pane, located next to the document pane, can display different navigation panels, including Layer panel, Attachments panel, Pages panel, Comments panel, Bookmarks panel, Security Settings panel, Articles panel, Digital Signatures panel, and ConnectedPDF panel. Please note that the navigation pane is unavailable when Foxit is open but empty (no PDF is open).

The buttons on the left side of the navigation pane provides easy access to various panels, such as the Bookmarks panel button , the Pages panel button , and the Layers panel . After right-clicking the navigation pane, you can select and open more panels.

- To show the navigation pane, choose **View > Navigation Panels > Show Navigation Panels**, or use keyboard shortcut F4.

- To open a navigation panel, you can either click its button on the left side of the navigation pane, or choose **View > Navigation Panels > [navigation panel name]**.
- To close the navigation pane, choose **View > Navigation Panels > Hide Navigation Panels**, or use keyboard shortcut F4, or right click on title of the navigation panel and select **Hide Navigation Panels**.

Tip: To show or hide the navigation pane, you can also click on the  button at the top right corner of the navigation pane.

Adjusting the Navigation Pane

The navigation panels can be docked in the navigation pane or they can float anywhere in the work area of Foxit Reader. You can choose to hide or close the panels that you don't need and open the ones you do. What's more, you can also adjust the width of the navigation pane easily.

1. Viewing a Panel in the Navigation Pane

By default, all the panels dock in the navigation pane with a set of panel buttons appearing on the left side of the work area.

Do one of the following:

- Select the button for the panel on the left side of the navigation pane.
- Choose **View > Navigation Panels > [panel name]**.

2. Changing the Display Area for Navigation Pane

- To change the view area of the navigation pane, drag its right border to adjust the width.
- To minimize the navigation pane, click on the button  at the top right corner of the navigation pane.
- To expand the navigation pane, click  at its top right corner and the navigation pane will be expanded to occupy the whole pane of Foxit Reader.

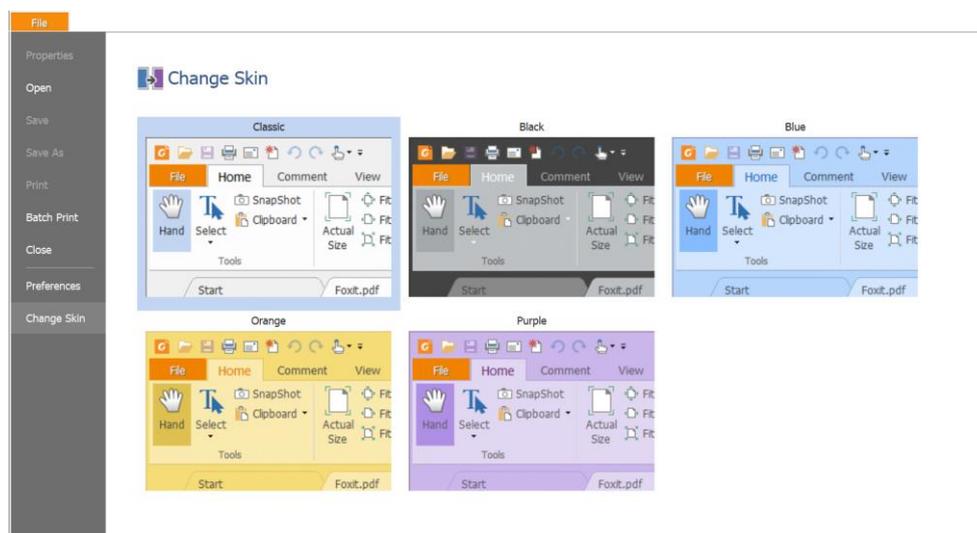
3. Docking or Floating a Navigation Panel

- To float a navigation panel, drag the panel button into the document pane.
- To move a panel, drag it by its panel button to another location.
- To dock a floating panel, double-click its title bar.
- To group two floating panels, drag the title bar of one panel into the other floating panel.

Setting the Skin

This feature offers five skins so that you could change the appearance of the software.

To change the appearance of Foxit Reader, select **File > Change Skin >** choose the skin as desired.



Customizing the Work Area

As you get acquainted with Foxit Reader, you can set up your Reader work environment. The more you learn about its potential, the more you can take advantage of its features, commands, and options.

There is much more to the application than you see at first glance. Foxit Reader has hidden commands and preferences that can enhance your experience and give you greater control over how your work area is arranged and displayed.

Customizing Quick Access Toolbar

Quick Access Toolbar displays all your bookmarked commands. You can add commands that will let you view and search content easily to your Quick Access Toolbar. This is another way for you to arrange and manage all the commands.

To add a command to quick access toolbar, please follow the steps bellow:

- Click  on the Quick Access Toolbar, and select **More Commands**. Or right-click the ribbon area and choose **Quick Access Toolbar**.
- In the **Customize Tools** dialog box, choose the **Customize Quick Access Toolbar** tab.

- Select the commands or separators you preferred to be shown on Quick Access Toolbar and add them to the Quick Access Toolbar list. Click **Up** or **Down** to arrange the command order and then click **OK**.

To return toolbars to default configuration, please click  on the Quick Access Toolbar, choose **More Commands** and click **Reset** on the pop-up context or press Alt+F8.

*Tips: You can also right-click a command in the ribbon and choose **Add to Quick Access Toolbar** to add the command to Quick Access Toolbar.*

Show Quick Access Toolbar below/above the Ribbon

To show Quick Access Toolbar below/above the ribbon area, do any of the following:

- Click  on Quick Access Toolbar, and select **Show Below the Ribbon** or **Show Above the Ribbon**.
- Right-click the ribbon area and choose **Show Quick Access Toolbar Below the Ribbon** or **Show Quick Access Toolbar Above the Ribbon**.
- Open the **Customize Tools** dialog box. In the **Customize Quick Access Toolbar** tab, select the **Show Quick Access Toolbar below the Ribbon** option.

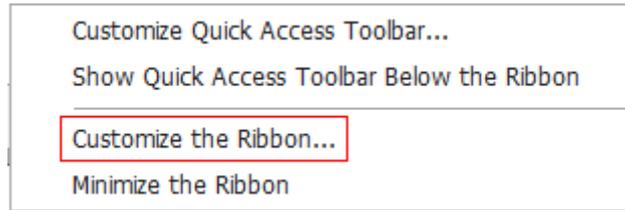
Working with the Ribbon

- To collapse the Ribbon, click  at the bottom-right corner of the Ribbon.
- If you want to use a command after collapsing the Ribbon, you can click the tab and then choose the desired command. The Ribbon will be collapsed, but the command will remain selected.
- If you want to keep the Ribbon visible after collapsing it, click a Ribbon tab to display the Ribbon, then click  at the bottom right corner of the Ribbon.

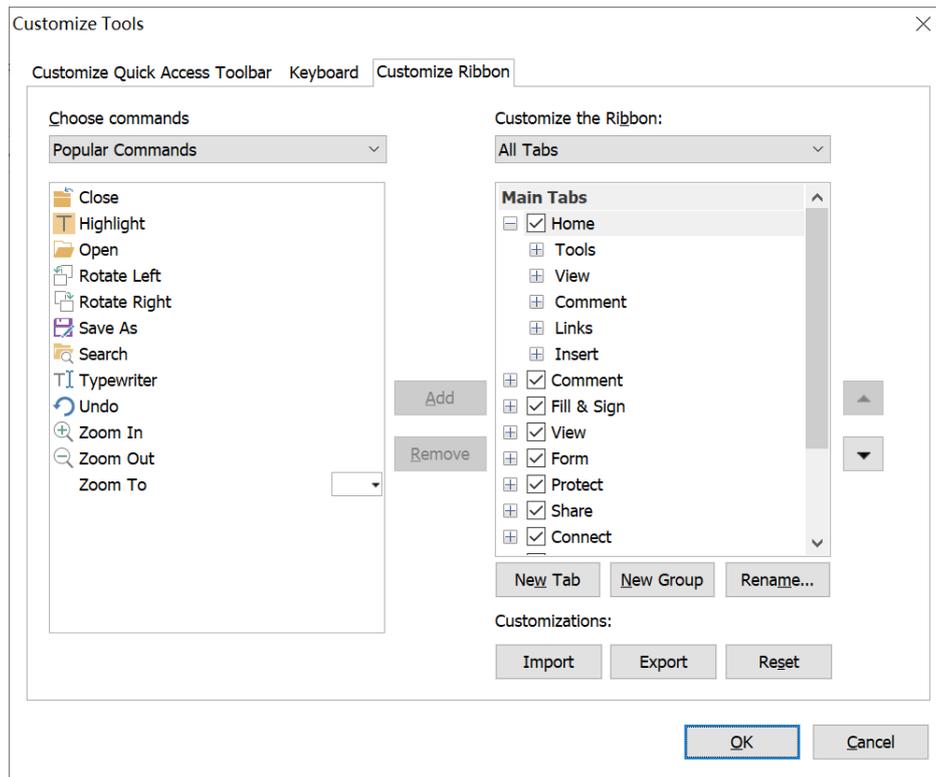
Customizing the Ribbon

The Ribbon is designed to help you find the commands in an easy and convenient way. From Version 7.0 and on, Foxit Reader give you the capability to personalize and customize the Ribbon in the way you want. With this feature, you can customize the default Ribbon, and create custom tabs or groups with your preferred commands.

To customize the Ribbon, right click the Ribbon, choose **Customize the Ribbon** from the context menu to bring out the **Customize Tools** dialog box, and then follow the steps below.



Context Menu



Customize Tools Dialog Box

Create a new tab

To create a new tab, please do one of the following:

- Select the tab which you want to add the new tab after, and then click **New Tab**.
- (Alternatively) Right click the tab which you want to add the new tab after, and then choose **New Tab** from the context menu.

Add a new group to a tab

To add a new group to a tab, please do one of the following:

- Select the tab which you want to add the group to, and then click **New Group**.
- (Alternatively) Right click the tab which you want to add the group to, and then choose **New Group** from the context menu.

Rename a tab or group

- Select the tab or group that you want to rename, and then click **Rename**.
- (Alternatively) Right click the tab or group to be renamed, and choose **Rename** from the context menu.
- In the **Rename** dialog box, input the new name and click **OK**.

Add commands to a group

- Select the group which you want to add a command under.
- Choose the category that the command is under and then the desired command from the **Choose command from** list.
- Click **Add** to add the selected command to the desired group.

Remove a tab, group or command

To remove a tab, group or command, please do one of the following:

- Select the tab, group or command to be removed, and click **Remove**.
- (Alternatively) Right click the tab, group, or command to be removed, and select **Delete** from the context menu.

Reorder the tabs or groups

To reorder the tabs or groups, please do one of the following:

- Select the tab or group you want to reorder, then click the **Up**  or **Down**  arrow to move accordingly.
- (Alternatively) Right click the tab or group you want to reorder, and then select **Move Item Up** or **Move Item Down** to move accordingly.

Reset the Ribbon

- Click **Reset** in the **Customize Tools** dialog box to reset the Ribbon to the default settings.

Import a customized Ribbon

- Click **Import**.
- In the **Open** dialog box, select the Ribbon customization file (.xml file), and click **Open**.

Note: After importing a Ribbon customization file, you will lose all the arrangements you customized previously. If you want to revert to the previously customized Ribbon, it is recommended to export the customized Ribbon before importing a new one.

Export a customized Ribbon

- Click **Export**.
- In the **Save As** dialog box, specify the file name and path, and then click **Save**.

Note:

1. After customization, you need to click **OK** in the **Customize Ribbon** tab to save and apply your changes to the Ribbon.
2. To help you distinguish a default tab or group from the customized selections, the custom tabs or groups in the **Customize the Ribbon** list are tabbed with "(Custom)" after the name (like this: **New Tab (Custom)**), but without the word "(Custom)" on the Ribbon.
3. The commands in the default group under a default tab are displayed in grey, and they cannot be renamed, reordered, or removed.
4. You cannot remove default tabs in Foxit Reader.

Customizing Shortcut Keys

People's habits using the keyboard are different and the familiarity to the buttons on a keyboard is distinct. The intellectualized Foxit Reader allows you to customize the shortcut keys for both commands and subcommands on the Ribbon according to your habit, which enables you to use the shortcuts more conveniently than before.

To customize shortcut keys, please follow the steps below:

- Click  on Quick Access Toolbar > select **More Commands**. In the pop-up **Customize Tools** dialog box, select **Keyboard** tab.
- Choose the command's category in the Categories list and the action in the Command list.
- Input the appropriate shortcut with your keyboard. Click **Assign** to apply the shortcut. If you want to change the shortcut, just input the new one to replace it directly. The **Reset All** button can recover the default setting.

Note: The shortcut keys that have already being used cannot be reassigned. A message under the input tab will show you whether the shortcut key has been used by another command.

Setting Preferences & Viewing Properties

Setting Preferences

Although Foxit Reader is customizable, some of the customizable features may be difficult to find. After reading this section, you will find out how useful having your own preferences can be, and how simple it is to set up your own preferences.

To set preferences in Foxit Reader, please choose **File > Preferences**.

Note: You can use the arrow keys or Tab key to switch between different preference settings.

Accessibility

- **Document Colors Options**

- Replace document colors: Check to activate other options to change the document colors.
 - A. Use Windows color scheme: Sets document colors according to the color scheme of your Windows preferences.
 - B. Use High-Contrast colors: Choose the high-contrast color combination for page background and document text to improve readability.
 - C. Custom color: Changes the color of Page Background and Document Text.
 - D. Only change the color of black text: Change only the black text and leave the colored text unchanged when you replace document colors.
 - E. Change the color of text or black line art: Change the color of text or black line arts when you replace document colors.

- **Override Page Display**

- A. Always use Page Layout Style: Set a page layout as default for all PDF documents and override other page display settings.
- B. Always use Zoom Setting: Specify a default zoom setting for all PDF documents and override other page display settings.

- **Other Accessibility Options**

- A. Use document structure for tab order when no explicit tab order is specified: Improve the navigation of form fields and links that don't specify a tab order.
- B. Always display the keyboard selection cursor: Specify whether to display the keyboard selection cursor or not when reading a document. Please check this option if you are using a screen magnifier.
- C. Always use the system selection color: Override the default selection color (blue) with a color that the system specified.

- D. Show Portfolios in Files mode: Display PDF Portfolio component files and file details in a list.

Commenting

- **Viewing Comments**

- A. Font and Font Size: Specifies the default font and size for text in the comment pop-up notes. These settings apply to all new and existing pop-up notes (including replies to pop-up notes), and will take effect after you restart Foxit Reader.
- B. Pop-up opacity: Sets the opacity of pop-up notes for annotation commands.
- C. Print notes and pop-ups: Specify whether or not to print sticky notes and pop-up notes associated with comments in PDF as they appear on the page. Please note that if you want to print the pop-up notes associated with comments, you should open the pop-up notes that you want to print in the PDF file, and adjust their placement on the page before printing to ensure that they don't overlap or spill off the page. While printing, make sure that you select the **Document and markups** option in **Print What** group in the [Print dialog box](#).
- D. Ensure that pop-ups are visible as the document is scrolled: Ensure that the pop-up boxes float along with the page as the document is scrolled. This option is checked by default.

- **Making Comments**

- A. Always use User Name of the log-in account for Author name: Use the user name of the log-in account as the author name while making comments. If a user does not set the user name for the Foxit log-in account, the prefix of the email address will be used as the author name instead.
- B. Copy selected text into Highlight, Squiggly Underline, Underline, and Strikeout comment pop-ups: Check this option to copy and paste the selected text to comment pop-up notes automatically when you highlight, squiggly underline, underline, or strikeout annotation in PDF documents.

- **Pencil Setting:**

- A. Enable to select pencil annotation when drawing: When the Pencil command is selected, the cursor changes into a pencil . If this option is selected, the pencil changes into an arrow  when you put it over a pencil annotation, and you can click the annotation to select it. If the option is not selected, the pencil will not change into an arrow.
- B. Click to create annotations: If selected, you start to draw with the pencil when you

click on the page, and in other words, only one click creates a pencil annotation; if not selected, you do not start to draw until you click and drag the pencil.

- C. **Set Timeout:** Specifies a period of time within which all of the drawings/plans completed is one pencil annotation, after which what you draw is another pencil annotation.

- **Editing:** Sets the text direction for text comments, including left to right and right to left.

ConnectedPDF (This tab is only available when the ConnectedPDF features are enabled)

- **Data Collection**

Allow usage data to be used in ConnectedPDF features: If this option is checked, the document usage data will be shared with Foxit servers when you are using ConnectedPDF features. This data will be used for development purposes and enhancing user experience only. You can click [here](#) to learn about the privacy policy.

- **Use ConnectedPDF Format**

Automatically save PDF files in ConnectedPDF format (including those created from plugins) only when signed in: If you check this option and have signed into Foxit Account, Foxit Reader will automatically convert the files into ConnectedPDF format when saving PDF files.

- **How to show web pages**

When using ConnectedPDF, Foxit Reader will display ConnectedPDF-related information (such as the Document Homepage and Personal Homepage) in web pages. You can choose to display the web pages in the tabs within the application, or in your default browser.

- **Default Permissions**

Users can configure the default settings for whether to allow or disallow users of ConnectedPDF documents to register new versions or start Connected Reviews on ConnectedPDF documents they create.

Documents

The Document of the Preferences dialog provides several ways to browse PDF documents.

- **Open Settings**

1. Allow multiple instances: Creates a new Foxit Reader window when double-clicked to open a PDF file.
2. Alert user when documents request Full Screen: A message box will pop up to confirm the operation when opening a PDF which has been defined to be opened in full screen mode.
3. In web browser, display PDF in Read Mode by default: Opens a PDF in Read Mode automatically in web browser.
4. In Foxit Reader, please choose the mode for Display PDF Mode: Display the PDFs in Read Mode or Full Screen Mode or normal way automatically when opening PDFs with Foxit Reader.

- **Prompt Messages**

1. Display a prompt before closing all tabs: When you close a window with multiple tabs, Foxit Reader will ask you to confirm your choice. This prevents you from accidentally closing the whole window when you intend to close only the current tab.
2. Automatically save document as e-mail attachment: Automatically save the changes you made to a document and attach the modified document to your email system for sending.

- **PDF/A View mode**

Sets to view documents in PDF/A view mode (i.e. read-only mode) to prevent modifications to the documents.

1. Never: Never open documents in PDF/A view mode.
2. Only for PDF/A documents: Switch to read-only mode automatically when a PDF/A document is opened.

- **Save Setting**

1. Automatically save file every _ minutes: Configure the time intervals for when the document will be automatically saved.
2. Save as optimizes for fast web view: Checking this option can enable Fast Web View when you save a PDF files as a copy, which will restructure a PDF file for page-at-a-time downloading from web servers for faster access.

- **Preferred Save As Location**

If you have configured a preferred save as location, when prompted to specify a location to save a document, the configured location will be automatically chosen in

the **Save As** dialog box. To add a preferred save as location, click **Browse** to select the location, or input the location in the **Preferred Save As Location** field. If you need to remove the configured output location, just delete the directory path in the **Preferred Save As Location** field.

ECM Integration

SharePoint

Choose the default way to open the document from SharePoint server.

- **Open only:** Open the document directly without checking out.
- **Check out and Open:** Check out and open the document so that other users cannot modify the document at the same time.
- **Allow you to choose when opening the document:** Let you choose the way to open the document from SharePoint server. If you check this option, a dialog box will pop up when you open the document. In the dialog box, you can choose to open or check out and open the document as desired.

File Associations

This option allows you to set the default PDF Viewer.

- **Make Foxit Reader the default PDF viewer:**

➤ **Advanced**

1. **Include browser when setting default PDF viewer:** check this option to set Foxit Reader as the default PDF viewer in browser.
 2. **Include preview when setting default PDF viewer:** check this option to set Foxit Reader as the default PDF viewer in preview.
 3. **Include thumbnail when setting default PDF viewer:** check this option to set Foxit Reader as the default PDF viewer in thumbnail view.
 4. **Use Foxit Reader to open embedded Acrobat files and embedded Foxit PhantomPDF PDF files in Microsoft Office if Acrobat and Foxit PhantomPDF is not installed:** check this option to set Foxit Reader as the default PDF viewer in Microsoft Office for opening embedded Acrobat files and Foxit PhantomPDF PDF files.
- **Make default PDF viewer:** Makes Foxit Reader as default PDF viewer. Foxit Reader will be set as the default PDF viewer according to your setting in **Advanced** item. For example, if you check "Include browser when setting default PDF viewer" in **Advanced** item, and click **Make default PDF viewer** to activate the setting, then PDF files will be displayed by default with Foxit Reader in your Windows system as well as your

browser.

- **Restore file associations:** Restores settings in File Associations.
- **Always perform check when starting Foxit Reader:** If the default PDF viewer is not Foxit Reader, a message box will appear for the options to set it as your default viewer every time you run Foxit Reader.

Forms

The form tab enables you to set the preferences of the interactive form display.

- **Automatically calculate field values:** Specify whether to automatically perform all field calculations right after users input the entries. This option is checked by default. The setting for the option only applies to your current session, and it will revert to the default setting after the application is restarted.
- **Show focus rectangle:** With the option selected, a dotted rectangle appears around a form field if the form field currently has the focus. The option is selected by default.
- **Show text field overflow indicator:** Select this option to show the plus (+) sign if the text in a text field exceeds the bound of the field.
- **Always hide document message bar:** You can decide whether to show or hide the notification message when opening an interactive PDF form.
- **Highlight all fields:** Checking this option allows you to highlight all form fields in the PDF document. You can click the color palette to change the highlight color for ordinary fields as well as required fields.
- **Auto-Complete:** Auto-Complete includes three options that allow you to turn on or off the auto-complete feature. When enabled, Foxit Reader will store your entries and provide relevant suggestions as you fill in an interactive PDF form.
 - **Off:** Turn off the auto-complete feature. No suggestion will be provided when you fill in an interactive PDF form.
 - **Basic:** Enable auto-complete feature, and provide relevant suggestions when you enter a character in the interactive form field.
 - **Advanced:** Enable auto-complete feature, and automatically display a list of suggestions when you tab into a form field.
 - **Remember numerical data:** This option is available when you choose **Basic** or **Advanced** in the **Auto-Complete** drop-down list. If it is enabled, Foxit Reader will store numerical entries as well, otherwise, only text entries will be remembered.
 - **Edit Entry list:** Remove the saved entries from the auto-complete memory.
- **Email:** You can edit the default subject and contents which will be sent with the PDF form.

Full Screen

- Full Screen Navigation
 - A. Select to show Scroll bar, Status bar, Tab bar or Navigation Panels in Full Screen mode.
 - B. Show Exit button – Check or uncheck this option to show or hide Exit button in Full Screen mode.
 - C. One page at a time – Displays a single page at a time in Full Screen mode.
 - D. Left click to go forward one page; right click to go back one page -- Lets you page through a PDF document by clicking the mouse. You can also page through a document by pressing Space, Shift + Space, or the arrow keys.
 - E. Loop after last page – Reverts to the first page after the last, allowing you to page through a PDF document continuously.
 - F. Advance every * seconds – Select this option and type a number to specify the frequency to automatically advance from page to page in Full Screen mode. With this setting enabled, you can still page through a document manually using your mouse or keyboard shortcuts.

- Full Screen Appearance

Background – Click the color pane and choose the color you like to be the background color in Full Screen mode.

- Full Screen Transitions

Foxit Reader supports page transition in Full Screen mode. There are 11 transition types: Split, Blinds, Box, Wipe, Dissolve, Glitter, Fly, Push, Cover, Uncover and Fade.

Also, you could set the direction for the transition.

- A. Ignore all transitions: Check to ignore page transition in Full Screen mode.
- B. Default transition –Choose page transition for one document in the drop-down window.
- C. Direction - Set the direction for the transition.
- D. Navigation control direction: If selected, the direction of page transition will be based on your navigation direction in the document. For instance, if you turn to the next page, the page will transition from top to bottom; to the previous page, the page will transition from bottom to top. For some transitions without directions, the option is not available.

General

The General Preferences provide options on Basic Tools, Tab Bar, Status Bar, Notification Messages, Application Startup settings, etc.

- **Basic Tools**

- A. Use single-key accelerators to access tools: Enable single-key accelerators to select some commands and perform some actions with single-key shortcuts. Please refer to [Single-Key Accelerators](#) for more details.
- B. Use fixed resolution for snapshots - Sets the resolution used to copy the image captured with the Snapshot command. Automatically uses 72 pixels as default resolution.
- C. Create links from URLs - Detects the text links in PDF documents and change the non-clickable links into clickable ones.
- D. Minimize to system tray - You can save space on your task bar by minimizing the Foxit Reader to system tray. Check it to minimize Foxit Reader to system tray when you click the Minimize button.
- E. Screen word-capturing - Check it to turn on this function that enables you to use your mouse to capture words inside a PDF file and have it translated if you are using dictionary software.
- F. Make Hand Tool select text - Check it to enable hand command to become text selection command when moving it to the selectable content.
- G. Make Hand Tool read articles – Check it to enable the navigation of an article with the help of the pointer. After you start the article viewing mode, with the Hand tool selected, the pointer will automatically change to a Hand tool with an arrow in it when hovering over an article thread. Then the clicks with the pointer will follow the article thread, making the article navigation effective. See also [Navigating with Article Thread](#). The option is checked by default.
- H. Make Hand Tool use mouse-wheel zooming: Select this option to zoom through documents while scrolling using the mouse wheel. This option is useful for users to browse large drawings.

- **Tab Bar**

- A. Max tab size – Allows you to specify a maximum tab size.
- B. Double-click to close tab: Checking this option allows you to close tabs by double-clicking.
- C. Use recent order when switching tabs with Ctrl + Tab: In multi-tab reading, use **Ctrl + Tab** to switch through open tabs in recent order you viewed them. With the option unselected, using **Ctrl + Tab** to switch the tabs in the order they appear in the application window.
- D. Quickly switch between tabs by using mouse wheel: In multi-tab reading, switch through open tabs by scrolling the mouse in the tab bar. Scroll up to the previous tab, and down to the next tab.

- **Status Bar**

- A. Auto-hide status bar – Hides the status bar when opening a PDF, and enables it to float at the bottom of the page only when the cursor is moved to the bottom.
- B. Show scroll lock button: Enable scroll lock and display the scroll lock icons in the status bar.

- **Notification Messages**

Notification messages appear at the top right corner of the document pane when you work with interactive PDF forms, PDF/A files, or PDF files under shared review or email review, etc. You can configure the notification message settings as required:

- A. Show the message which affects the next step: Specify whether or not to show the procedure-related notification messages which usually contain action buttons for you to move forward to the next step. This option is checked by default. And it is recommended to keep the option checked so that you can work on documents during Shared Review or Email Review normally.
- B. Show the notification related message: Specify whether or not to show the notification related messages which inform you that a PDF file contains such elements as interactive form fields, 3D contents, etc.
- C. Show PDF/A message again: Specify whether or not to show the message when opening a PDF/A document.

Tip: You can also change the notification message settings by clicking the gear icon  on the message shown on the document pane. The changes of settings you made in the notification message will be applied accordingly in the Notification Message preferences.

- **User Experience Improvement**

Turn on or off data collection. The collected data will be used to improve the user experience only.

- **Features which Required Internet Connection:**

Specify whether to disable all features that require Internet connection. The setting will take effect after you restart the application.

Application Startup

- A. Show Start page: Check it to show the start page when running Foxit Reader.
- B. Show Advertisement: Check it to show advertisement on the start page.
- C. Disable ConnectedPDF features: Check this to disable all of the ConnectedPDF features.

- D. Show floating promotion page: Check it to show the floating promotion page if the program becomes idle. Only applicable during a free trial.
- E. Launch in debug mode: This option is unchecked by default. Checking this option will enable Foxit Reader to be launched in debug mode and log file will be generated during your operation. Log file will be saved in "%userprofile%\AppData\Local\Foxit Reader\glog". When you encounter issues while using Foxit Reader, you can send the log file to Foxit and the log file will be used for checking and solving your issues only.

History

- History

- A. Restore last session when application starts: Determines whether documents start automatically with the last viewed session.
- B. Restore last view settings when reopening: Determines whether documents open automatically with the last viewed settings.
- C. Maximum number of documents in history list: Sets the maximum number of PDF documents you read in history list. The default is 50 PDF documents.
- D. Maximum number of documents in Recent Documents list: Sets the maximum number of PDF documents you have viewed recently in the File page. The default setting is 10 PDF documents.
- E. Show this number of unpinned Recent Folders: Set the number of unpinned recent folders listed in **File > Open > Computer** or **SharePoint/OneDrive/Google Drive/Dropbox**. The default setting is 10 folders.

Note: Foxit Reader allows users to set "maximum number of documents in history list", "maximum number of documents in Recent Documents list", and the "number of unpinned Recent Folders" to 0.

Identity

Shows the identity of your application, including Login Name, Name, Title, Organization Name, Organization Unit, and Email Address. The identify information is quite useful in PDF reviews. It will help other review participants recognize your comments easily. The Login Name is set by default (using the username of the current operation system) and cannot be changed. Except for Login Name, you can change or complete your identity information in Identify Preferences.

Index

Enable embedded index: Select this option to enable the search with the embedded index

in the document.

JavaScript

- **Enable JavaScript Actions:**

See also [Run Script Right Control](#).

- **Use external JavaScript editor**

By default, you can use the built-in JavaScript editor in Foxit Reader to edit JavaScript code in Actions. Foxit Reader supports calling an external JavaScript editor for coding including WebStorm, Sublime Text, and more.

To use an external JavaScript editor, select this option to add a JavaScript editor as the default JavaScript editor in Foxit Reader. Note that when editing JavaScript code in an external editor, Foxit Reader is inaccessible.

Languages

Change the application language and default reading direction.

- **Languages**

Foxit Reader provides the commonly used languages to meet customers' needs to the utmost. Usually, Foxit Reader will automatically choose the language applied to your OS as its default during your installation. But changing languages after installation is supportable. To change the UI language of Foxit Reader, please go to **File > Preferences > Languages**, and select an option from the following:

- Use system locale language—Makes the system locale language the UI language.
- Choose custom language—Selects your desired UI language from the list. (Tip: Foxit Reader has been localized in German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Danish, Finnish, Norwegian, and Swedish. You can [click here](#) to download the official multilingual version from Foxit website.)
- Choose languages provided by the community—Selects the language translated by volunteers on [Foxit multi-language translation system](#). A prompt message will pop up giving you a notice that you can get the UI language package on our website. In addition, you can also help us to do some translation so that we can localize Foxit Reader into your own language. To visit our multi-language translation system, please [click here](#).
- **Default Reading Direction**

Choose a default reading direction when you're reading a document in **Facing** or **Continuous Facing** mode. With **Left to Right** or **Right to Left** selected in **Default Reading Direction**, the reading direction is based on the setting here in Preferences; with **Infer direction from document** selected, then the binding direction in **File > Properties > Advanced** prevails.

- **Hindi Digits**

Select this option to allow you to input numbers in Hindi.

Measuring

- **Measurement Units**

Sets unit of page dimensions given in the status bar and print dialog.

- **Measurement Label**

Choose to use the default measurement label or specify your own label.

- **Measurement Markup**

Use Default Leader for Distance Measurement: Specify whether to show the line leader on both sides of the measurement points or not while measuring the distance.

- **Use Scale and Units From Document (When present)**

Select the option to use the scale and units embedded in the document, if any. Deselect the option to specify the scale and units manually. The option is unselected by default.

Multimedia (legacy)

Do not use QuickTime Player for multimedia items: This option is checked by default. As [Apple does not provide security updates for its legacy QuickTime for Windows software any more](#), it is recommended to keep this option checked for security purpose. When checked, Foxit Reader will invoke a multimedia player other than QuickTime Player in your Windows system to run the multimedia inserted in PDF files, but will not play the video if it has been specified to use QuickTime as the required player.

Page Display

The Page Display panel of the Preferences dialog box includes the following options:

- Default Layout and Zoom
 - A. Navigation tab: specifies the panel to be displayed in the opening view.
 - a) Use Initial View: minimizes the Navigation panel and hides all panels.
 - b) Page Only: displays Pages panel by default in opening view.
 - c) Bookmarks Panel and Page: displays Bookmarks panel by default in opening view.
 - d) Pages Panel and Page: displays Pages panel by default in opening view.
 - e) Attachments Panel and Page: displays Attachments panel by default in opening view.
 - f) Layers Panel and Page: displays Layers panel by default in opening view.
 - B. Default page layout: You can view PDFs in following layouts:
 - a) Automatic: With this option selected, in multi-page document, displays pages in Continuous mode, or in Single mode if the page width is larger than the page height. If you change the page display in the View tab, the document will display in the page layout the last time you set.
 - b) Single Page -- Displays one page at a time, with no portion on other pages visible.
 - c) Continuous -- Displays pages in a continuous vertical column that is one page wide.
 - d) Facing -- Displays each two-page spread with no portion of other pages visible.
 - e) Continuous Facing -- Displays facing pages side by side in a continuous vertical column.

See also ["Changing the Page layout"](#).

- C. Zoom: Sets the magnification level for PDF documents when they are first opened. This value overrides document settings. The default uses the settings of the PDF document.
 - D. Custom facing: The Default Facing for page layout is 2 pages. You can check the Custom Facing box and set the facing layout to your own preference.
 - E. Custom margin: Sets the margins between different pages with Facing or Continuous Facing page layout. The default is a margin of 8 pixels.
- Rendering
 - A. Smooth text: Optimally adjusts text display that best suits your monitor.
 - B. Smooth line art: Removes the abrupt angles in lines to make them smoother.
 - Page Content
 - A. Display transparency grid: Displays a grid behind transparent objects.
 - B. Use logical page numbers: Open PDFs with the logical page numbers. This option

is selected by default. It is used to match the position (or the physical page number) of the page in the PDF to the printed page number of the document. For instance, for a document with 100 pages, when you turn to the second page, the page number displayed in the status bar will be 2/100 (the physical page number) theoretically. However, if the PDF contains four-page front matter (such as the cover page and the copyright page) which is numbered in lowercase Roman numbers (i-iv) while the main content is numbered in Arabic numbers starting from 1 (1-96). Foxit Reader will display the logical page number, followed by the physical page number in parentheses, i.e. 2(6/100) when you turn to the sixth page of the PDF. With this option unselected, only the physical page number is displayed in the status bar, i.e. 6/100 for the sixth page.

- C. Forbid the change of the current Zoom factor during execution of 'Go to Destination' actions (these actions can be launched from bookmarks): Check to forbid user to change the current Zoom factor during execution of 'Go to Destination'.

See also ["Changing the Magnification Level of a Document"](#).

PDF Sign

Flatten the document when applying all signatures: Flattening the document when applying all signatures will make all the signatures, forms, and annotations become one whole object of the PDF page.

Print

- Printer

Print text as graphics (ignore font substitution) – Sets the text font as graphics and printout fonts are exactly the same as the text fonts. Automatically allows quick print where Printer Font is substituted.

Use GDI + Output for all types of printer: Specify whether to use GDI + output or not for PS driver printers (excluding PCL driver printer) during printing.

- Batch Print

- A. Show print settings before printing document: Check it to show the Print dialog box before printing a document.

- B. Require confirmation when printing multiple documents: Check it to show the confirmation message before starting batch printing.

- Prompt Foxit Reader when printing in silent print mode

Specify whether to close Foxit Reader instance or not when finishing silent printing using the command line.

Reading

- **Page vs Document**

This preference determines how much of a document is delivered to a screen reader at a time. If a PDF isn't tagged, Foxit Reader may analyze the document and attempt to infer its structure, which can take a long time for a long document. You may want to set Foxit Reader to deliver only the currently visible page so that it analyzes only a small piece of the document at a time. This consideration will vary depending on the size and complexity of the document and on the features of the screen reader.

- A. Only read the currently visible pages - This option is usually best when using a screen magnifier. It improves performance by eliminating the need for the software to process parts of the document that aren't visible. When Foxit Reader sends only the currently visible pages of a PDF to the memory buffer, the assistive technology has access to those pages only. It cannot go to another page until the next page is visible and Foxit Reader has sent the page information to the memory buffer. Therefore, if this option is selected, you must use the navigation features of Foxit Reader, not those of the assistive technology, to navigate from page to page in the document. You should also set the Default Page Display option in preferences to Single Page if you choose to have Reader send only the currently visible pages to the assistive technology.
- B. Read the entire document - This option can be best if you use a screen reader that has its own navigation and search tools and that is more familiar to you than the tools in Foxit Reader.
- C. For large documents, only read the currently visible pages - This option is selected by default and is usually best if you use a screen reader with long or complex PDFs. It allows Foxit Reader to deliver an entire small document but revert to page-by-page delivery for large documents.

- **Minimum number of pages in a large document**

When the "For large documents, only read the currently visible pages" option is selected, it allows you to set this minimum value.

- **Enable assistive technology support:** Check this option to allow assistive technology products, such as screen readers, to provide information about the UI and document to end users.

- **Confirm before preparing untagged PDF for reading with assistive technology:** Select the option, and if any assistive technology detected in your system, a dialog box pops up when you opens an untagged PDF to ask you whether to set the reading order options for the PDF for reading with assistive technology.

- **Reading Order**

Set reading order as appropriate for your assistive software and devices.

 - A. Infer reading order from document (recommended): Interpret the reading order of untagged documents by using an advanced method of structure-inference layout analysis.
 - B. Left-to-right, top-to-bottom reading order: Deliver the text according to its placement on the page, reading from left to right and then top to bottom. This method is faster than “Infer reading order from document”. This method analyzes text only; form fields are ignored and tables aren’t recognized as such.
 - C. Use reading order in raw print stream: Deliver text in the order in which it was recorded in the print stream. This method is faster than “Infer reading order from document”. This method analyzes text only; form fields are ignored and tables aren’t recognized as such.

- **Override the reading order in tagged documents:** Use the reading order specified in the Reading preferences instead of what the tag structure of the document specifies. Use this preference only when you encounter problems in poorly tagged PDFs.

Reviewing

- **Automatically check for new comments:**

Set the time interval to automatically check for new comments during shared review. By default, Foxit Reader will check for new comments every five minutes during shared review.

- **Shared Review Options**

- A. Show welcome dialog when opening file: Check it to show the welcome dialog when opening a shared review. In the welcome dialog, you can view the general information for the shared review, including the initiator, deadline, review server and so on.
- B. Show server connection warning when opening file: Check it to show the server connection warning when opening a shared review.
- C. Remind before review expiration: If you check this option, a prompt message will pop up before the shared review expires.

- **Review Options**

- A. Show prompt messages for Shared Review: Determines whether to show prompt message for Shared Review when publishing comments in a shared review that contains several comments from other reviewers that have not yet been published to the command server. You can take ownership of these comments and publish them on behalf of the reviewers.
- B. Show prompt messages for Email Review: Check this option to show prompt messages during email review.

- **Send Messages**

- A. Use Auto-Complete List to suggest names when typing in the “To” and “Cc” fields: Checking this option will enable Auto-Complete feature, which recognizes and suggests contacts based on the previously entered email addresses when you send back your comments during a shared review by email.
- B. Empty auto-complete list: Click this option to remove all the email address entries from the Auto-Complete memory.

RMS Settings

Open Settings: Choose how to open the link within an RMS-protected PDF, in Foxit Reader or in your browser.

Search

- Ignore Asia character width: Check this option to ignore Asian character width during the search, and find both half-width and full-width instances of the Asian language characters.
- Ignore Diacritics and Accents: Check this option to ignore diacritics and accents during the search, and find instances with any variation of the alphabetical characters. For example, when this option is enabled, if you type “resume”, Foxit Reader will find both “resume” and “resumé”.
- Always show more options in advanced search: Check this option to show additional search options in the Search panel, in addition to the basic options. If this option is not checked, some of the search options will be collapsed and hidden from view in the Search panel, and you will need to click **More** to expand and show all the options.
- Show document title in search results: Check this option to display document titles in

search results. However, if a document does not contain a title, its file path will be displayed in search results. If this option is unchecked, Foxit Reader will display file paths in search results.

- Maximum number of documents returned in Results: Specify the number of documents to be displayed in the search results. You can input any integer between 1 and 10,000.
- Range of words for Proximity searches: Specify the number of words between which the search terms occur from each other when executing proximity searches. It is set as 900 by default, and you can input any integer between 1 and 10,000.
- Fast Find: Enable fast find to make future searches faster by storing information about your frequently used PDF files.
 - Maximum Cache Size: Specify the maximum cache of search information for the Fast Find. The default value is 100 MB. You can input any integer between 5 and 100,000.
 - Purge Cache Contents: Delete all the caches of search information.

For more information about fast find, please refer to "[Fast Find](#)".

Security

- Protected View

To protect your computer from files originated from the Internet or other potentially unsafe locations, turn on **Protected View** to open these files to reduce risks. In Protected View, files are read only and most editing actions are not allowed.

- Privileged Locations

Specify privileged locations for trusted content to exempt viewers from security restrictions in Safe Reading Mode. You can refer to "[Bypass Security Restrictions in Safe Reading Mode](#)" for more details.

Signature

- Default Signing Format: Choose a default signing format based on PKCS#7 or CAdES standard. **PKCS #7 - Detached** is selected by default.
- Appearance Styles: Manage the signature appearance templates.
- Signing & Verifications

- A. Sign the document immediately after the signature is placed: Check this option to sign the document immediately when you place the signature on the document. When it is unchecked, you will need to click Sign Document to apply the signature after placing it on the document. You can still modify the document before applying the signature.
- B. Control how and when signatures are verified: click **Change Settings** to choose options.
 - Verify signatures when the document is opened: If this option is checked, Foxit Reader will verify the signatures when the document is opened, and will display the signature verification results in the Digital Signatures panel.
 - When document has valid but untrusted signatures, prompt to review and trust signers: With the option selected, if the signature (not including certified signatures) is verified as valid but is applied by an untrusted signer with a certificate that doesn't chain up to a trust anchor, a message box appears in the top-right corner of the application window to inform you the document includes signatures from signers that you haven't trusted yet. You can click **Manage Trust** in the message box to trust the signer. More information, please refer to [Trusted Certificates](#). To make sure that the notification message is displayed successfully, please check the **Show the message which affects the next step** option in the [preferences about Notification Messages](#).
 - Verification Behavior
 - Require certificate revocation checking to succeed whenever possible during signature verification: Specify whether or not to check the revocation status of certificates while verifying signatures.
 - Use expired timestamps: Uses the secure time provided by the document timestamp or the timestamp embedded in the signature, even if the timestamp's certificate has expired. The option is selected by default. With the option unselected, the time provided by the expired timestamps will be discarded and the verification time will be the time at which signature was applied or the current time in the system based on your setting on Verification Time.
 - Ignore document validation information: Specify whether to ignore the related certificate revocation information embedded in the document when validating signatures.
 - Verification Time

Verify Signature Using: You can check the digital signature for validity based on the time when the signature was created, the time provided by the timestamp embedded in the signature, or the current time in your system.

- Verification Information: Select an option to specify whether to add verification information to the signed PDF. **Ask when verification information is too big** is selected by default.

- Windows Integration

Specify whether to trust all root certificates in the Windows Certificate Store when validating signatures and certified documents. Checking these options may compromise security. Please make sure that you trust all the root certificates before enabling these features.

- Save signed file as a copy named 'filename_signed.pdf': Check this option to save the signed file as a copy named 'filename_signed.pdf' after applying the digital signature. When you sign multiple PDF files, you can also specify the file name in [Output Options](#). The file name you specified in Output Options during signing will take precedence over the settings in Signature preferences.

Speech

- Volume: Sets the reading volume of Read out Loud.
- Use default voice: Check it to read content with default language, or you can select the required one from the combo box.
- Use default speech attribute: Check it to read with default pitch and rate, or you can uncheck it and then set pitch and rate in the combo box as needed.
- Read comments: Check it to enable the application to read out the comments when executing Read out Loud.
- Read form fields: Check it to enable the application to read out the form fields when executing Read out Loud. Please refer to [Read PDF Form Fields Out Loud](#) for details.

Spelling

- Enable spell check: Check **Enable spell check** to avoid spelling error.
- Dictionaries for Spell Check: Add, remove, or reorder the dictionaries for spell check.

Tablet

- Enable pressure sensitive: Enable pressure sensitive so that you can add free-form annotations with PSI in PDFs by supported touchscreen devices.

Time Stamp Servers

- Configure the default Time Stamp Server to embed a trusted time stamp while signing.

Trust Manager

Please refer to "[Managing Security](#)".

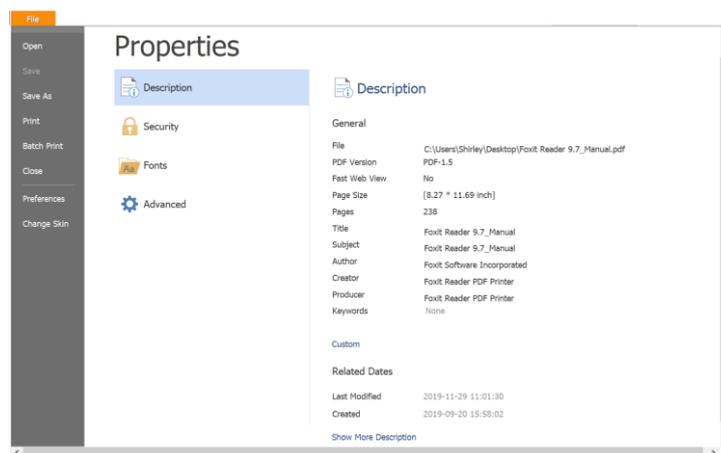
Updater

- Automatically install updates: For the plugin updates, Reader will download and install them automatically when a new version is available. When the installation is finished, a message appears in the system tray to tell you that the plugin has been updated. For the application updates, they will be downloaded automatically and then you will be prompted whether to start the installation.
- Automatically download updates, but let me choose when to install them (recommended): Reader will automatically download and display a message informing you of the upgrade and allow you to choose to upgrade to the new version. This option is checked by default.
- Do not download or install updates automatically: Never download or install updates automatically.

Viewing Properties

The Properties window provides information about the document, including the document's location, title, subject, author, fonts used, and security settings. This window also displays attributes set by other programs.

To view the PDF properties, please choose **File > Properties**. You can acquire all relevant information as follows:



Description Tab of Properties Window

Description

This tab shows some basic information about the document. The title, author, subject, and

keywords may have been set by the person who created the document in the source application.

- **General**

- File—The location of the document.
- Fast Web View — Show whether the PDF file is enabled for Fast Web View.
- PDF Version—The standard version of the document.
- PDF Size—The size of the document.
- Pages—Total number of pages of the document.
- Title — A general or descriptive heading of the document.
- Subject— The principal idea and point of the document.
- Author— The writer of the document.
- Creator— The application that produced the original document.
- Producer—The application or driver that converted the original document into a PDF document.
- Keywords—The words that are used to reveal the internal structure of an author's reasoning.

- **Custom**

View the custom properties of the PDF file, which may include metadata, company information, and other document properties.

- **Related Dates**

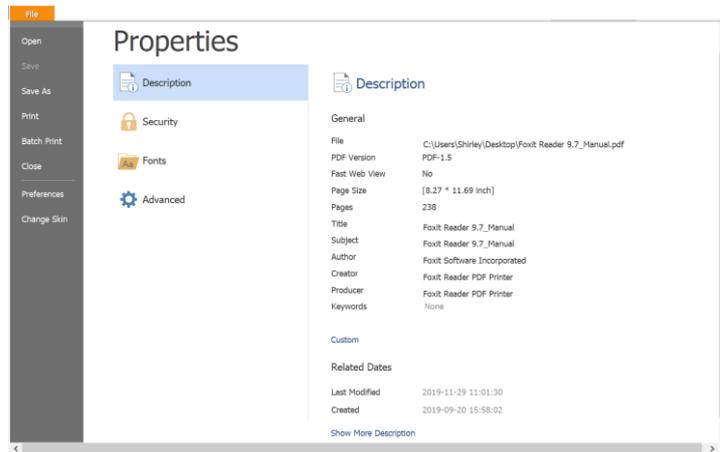
- Last Modified -- The date and time the document was last modified.
- Created -- The date and time the document was created.

- **Show More Description**

This option will show you more details about the document properties, which includes general information, security, and the backup files from the Windows backups.

Security

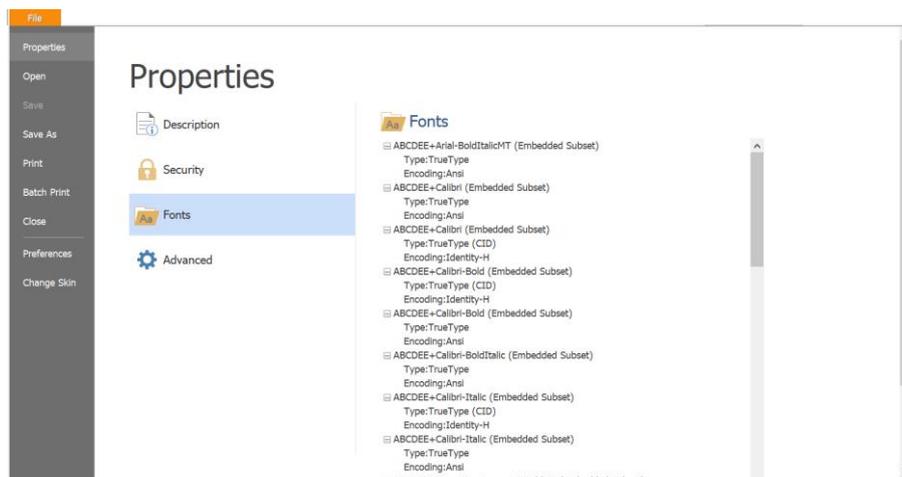
The Security tab describes what changes and functionality are allowed within the PDF. If a password, certificate, or security policy has been applied to the document, the method is listed here. Changing security setting is not allowed in Foxit Reader.



Security Tab of Properties Window

Fonts

The Fonts tab lists the fonts and the font types used in the original document, as well as the encoding used to display the original fonts.



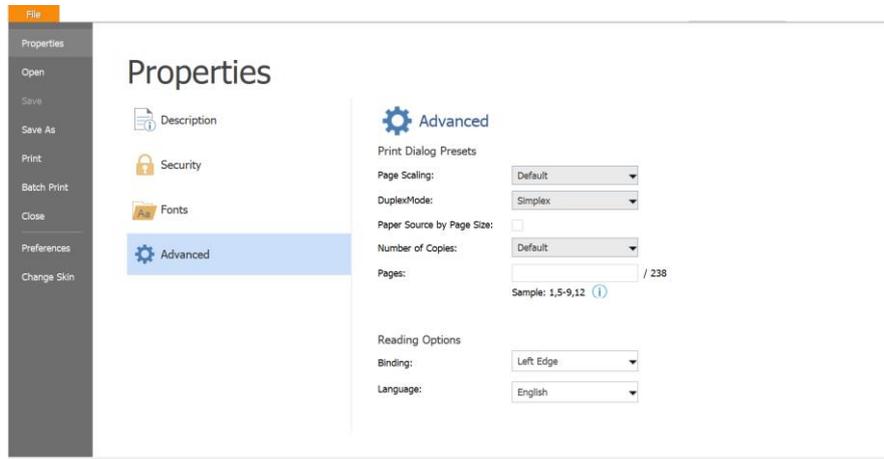
Fonts Tab of Properties Window

Advanced

The **Print Dialog Presets** group lists the Print Dialog Presets for the document, which will be applied automatically when you [print the PDF file](#) with Foxit Reader.

The **Reading Options** group allows you to specify the reading direction and language for the document. These enable screen readers or other assistive technology to read the document using the appropriate language in the proper direction.

Tip: The binding direction setting for the document specified in **Advanced** tab will prevail over the reading direction setting in the application's preferences.



Chapter 3 – Viewing PDFs

Once the Foxit Reader is properly installed, you can open and view PDF files easily. When you have a PDF open, you can also adjust the view of the document, find text in it, and email to others.

Opening Documents

You can open and view PDFs in Foxit Reader from the desktop, or in a web browser.

Opening a PDF document in Foxit Reader

Start in the Start Page to Foxit Reader Window

When you open Foxit Reader, a Start Page will be opened by default, which introduces some product information of Foxit.

If you do not want to show the start page, please go to **File > Preferences > General > Application Startup** > uncheck **Show Start page**.

Opening a PDF Document in Foxit Reader

Do one of the following:

- Drag and drop the PDF file into the Foxit Reader window.
- Click the **Open** button  on the Quick Access toolbar. In the **Open** dialog box, select the file name, and click **Open**. PDF documents are usually identified with a .pdf extension.
- Click **File > Open**. To open a recent document or a document stored in the local drive, click **Recent Documents/Computer**. To open PDFs in SharePoint, Epona DMSforLegal, Alfresco, OneDrive, Google Drive, Dropbox, or Box, select **Add a place**, sign into your account, and you can then open your PDF files. The connected Cloud account will be listed in the **File > Open** and the PDF file will be in the **Recent Documents** list, which will help you open files quickly in the future. To remove an account, just click the **Delete** icon  that appears when you place your cursor over the account name.

Note:

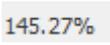
1. *You can open more than one PDF document within the same Foxit Reader application. When you open more than one file at a time, you can navigate the PDF files easily by clicking the corresponding tabs. If you only open one PDF, the tab will not be shown. While reading PDF documents, you can right-click the corresponding tab and choose*

- Open Containing Folder* or *Copy Path to Clipboard* to open, copy and share the directory where the current PDF document is saved.
2. In **Recent Documents** tab, **Computer** tab, or cloud service tab (like Google Drive tab), you can right-click any file or folder, and then choose the corresponding option from the context menu to open the file/folder, pin the file/folder to list, remove the file/folder from the list, or copy the path of the file/folder to clipboard. To pin or unpin a file or folder, you can also hover the cursor over a file or folder and click the **Pin** icon  or **Unpin** icon  alternatively.
 3. To customize the number of documents or folders in the recently used list, please navigate to **File > Preferences > History**.

Opening a PDF Document from Desktop or within Other Applications

If you set Foxit Reader as your default viewer for PDF files, you are able to launch and open PDF files in the following applications:

- **Email Application:** In most email applications, you can double-click the attachment icon to open the document.
- **Web Application:** You can open a PDF document by clicking on the PDF file link in your web browser. For security purposes, if you try to open a RMS-protected PDF file in your web browser, the file will be opened in the stand-alone Foxit Reader (desktop application) outside the browser.
- **File System:** Double-click the PDF file icon in your file system.

Note: You can see the size of the opened document at the bottom right corner of the window. For example . To set the unit of page dimensions, please refer to "[Measurement Units](#)".

Opening a Secured PDF Document

If you receive a PDF that is protected by security features, you may need a password to open the document. Some protected documents have other restrictions that prevent you from printing, editing, or copying.

- When opening a protected PDF, you will be prompted to enter the password. Foxit Reader allows you to input Unicode password in the password input box when you open a document protected by Unicode password.
- When trying to copy or edit a secured PDF, you will find that the related functions or commands are disabled and grayed out.

Opening a PDF/A-, PDF/E-, PDF/X-, or PDF/UA-Compliant File

Chapter 3: Viewing PDFs

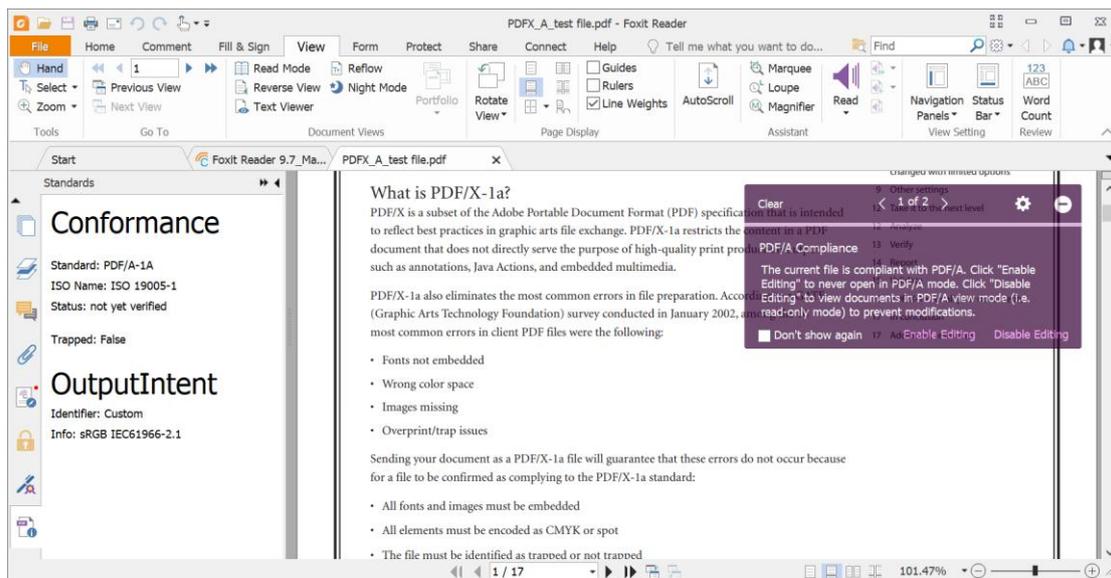
When you open a file that conforms to PDF/A, PDF/E, PDF/X, or PDF/UA standard, Standards panel will be available in the navigation panel for you to check the conformance and output intent information. You can choose **View > Navigation Panels > Standards** or

click  in the navigation panel to open the Standards panel. In the Standards panel, you will find the following information:

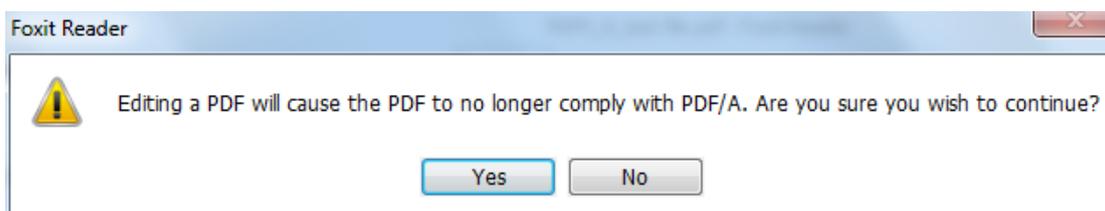
- **Conformance:** Indicate the standard that is used to create the file, the ISO name, verification status, and trapped state.
- **OutputIntent:** Indicate the color settings associated with the file.

For PDF/A files, Foxit Reader adds a PDF/A identification system, and supports to disable editing such files.

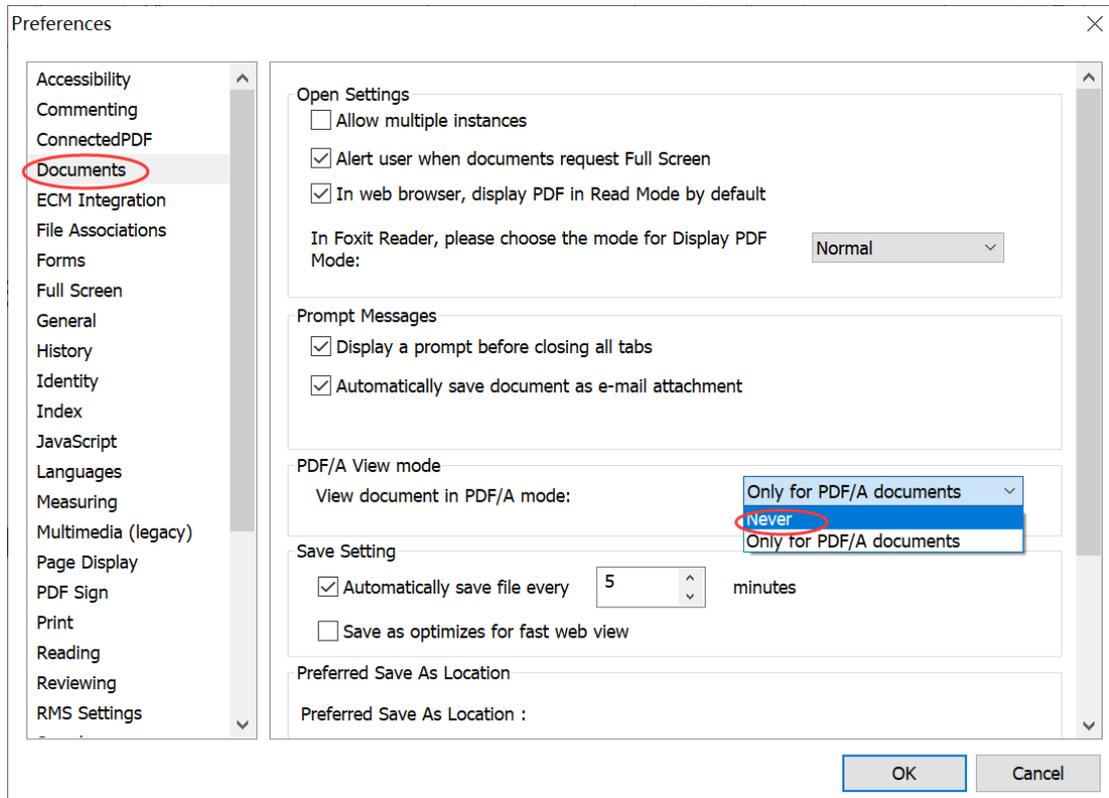
- When opening a PDF/A file, Foxit Reader will switch to PDF/A view mode by default, with a message showing PDF/A file notification (as shown below). Under such mode, you can only read the file, and modification is not allowed.



- You may need to edit a PDF/A file for any reason. To enable editing PDF/A files, please do one of the following:
 - Click the **Enable Editing** button on the notification message, and then click **Yes** to confirm your operation in the prompt message popping up afterwards.

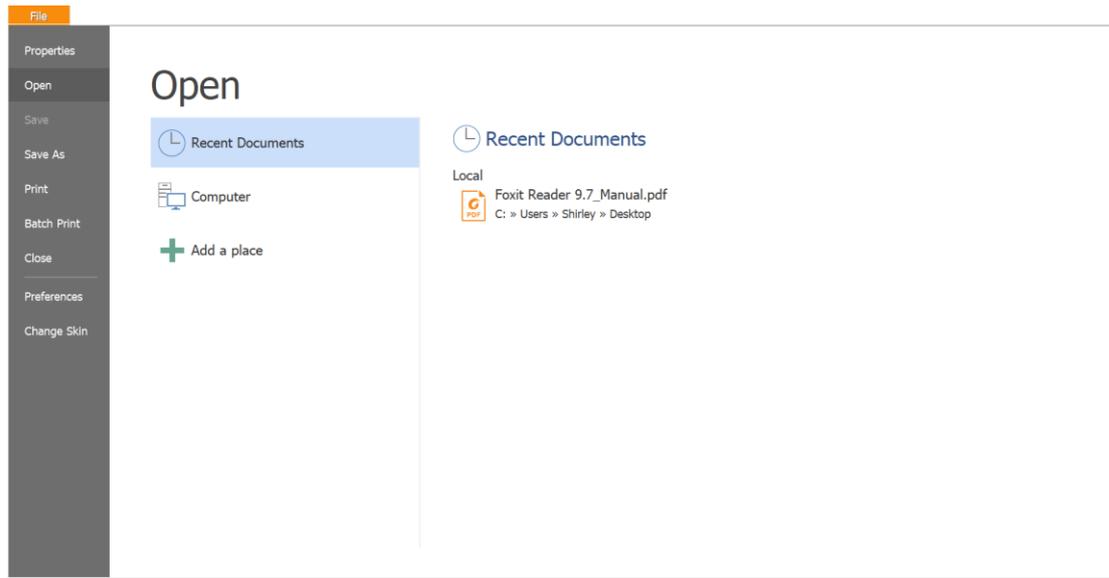


- (Alternatively) Choose **File > Preferences > Documents**, under PDF/A View mode, choose **Never** from the drop-down list, click **OK** and restart Foxit Reader.



Retrieving Recently Opened Documents from within Foxit Reader

In **File** page, you will be able to instantly retrieve recently opened documents. Foxit Reader provides a list of recently opened PDF documents. Just choose **File > Open > Recent Documents**, and you can see the recently opened documents in Recent Documents list. In the Recent Documents list, you can right-click any file and choose corresponding option from the context menu to open the selected file, pin the file to Recent Documents list, remove the file from the Recent Document list, or copy the file path to clipboard.



Note: To customize the number of document in recently used list, please refer to [“Maximum number of documents in recently used list”](#).

Saving Documents

Foxit Reader provides you with the power to do more when saving PDF documents. You can save a PDF document without additional usage rights in many different ways. If the file permissions allow, you can also save comments, form fields that you have added to a document, as well as save PDF contents in text format.

Saving a Copy of a PDF

- Choose **File > Save As > Computer**.
- Choose a folder (current folder or recent folder) or click **Browse** to select desired location.
- In the **Save As** dialog box, enter the filename and click **Save**.

Saving a PDF as a Text File

- Choose **File > Save As > Computer**.
- Choose a folder (current folder or recent folder) or click **Browse** to select a desired location.
- Choose TXT Files (*.txt) from the Save as type field in the **Save As** dialog box.
- Click **Setting** to choose the content range:
 - A. All Pages – save the whole document as a text file.
 - B. Current page – only save the current page you are reading as a text file.
 - C. From Page – enables you to select pages as a text file.
- Enter the filename and click **Save**.

Save PDFs in SharePoint, Alfresco, Epona DMSforLegal, OneDrive, Google Drive, Dropbox, or Box

Click **File > Save As > Add a place > SharePoint/Alfresco/DMSforLegal/OneDrive/Google Drive/Dropbox/Box**, then sign in your account and choose a folder to save to. The account will be listed in the Save-as history for your convenience. Click the **Delete** icon  near the account name to remove the account from the list.

Closing Documents

To close a PDF document, please do one of the following:

- Choose **File > Close**.
- Press shortcut key **Ctrl + W**.

Exiting Foxit Reader

To exit Foxit Reader, please do one of the following:

- Click the big Close button  on Foxit Reader application window.
- Press shortcut key **Ctrl + Q**.

Viewing Documents

Multi-tab Reading & Single Document Reading

Foxit Reader provides two different ways for you to read PDF files: multi-tab reading and single document reading.

Multi-Tab Browsing

The multi-tab browsing feature enables you to open multiple files in a single instance. Newly opened PDFs will be displayed in tabs by default.

In multi-tab reading mode, you can drag and drop a file tab outside of the existing window to create a new instance and view the PDF file in that individual window. To recombine the file tab to the main interface, click on the file tab and then drag and drop it in reverse to the main interface.

To switch between open tabs in multi-tab reading, do one of the following:

- Switch between open tabs in the most recently viewed order by using **Ctrl + Tab**. Before this, make sure you have selected the option **Use recent order when switching tabs with Ctrl + Tab** in **File > Preferences > General**.
- Scroll the mouse in the tab bar up to the previous tab and down to the next tab. Before this, make sure you have selected the option **Quickly switch between tabs by using mouse wheel** in **File > Preferences > General**.
- By default, use **Ctrl + Shift + Page Up** to switch to the previous tab and **Ctrl + Shift + Page Down** to the next tab. You can also change the shortcut keys. See also [Customizing Shortcut Keys](#).

Opening a New Tab

To open a new tab, you can double-click a PDF file, select **File > Open**, or click the **Open** button  on the toolbar.

Closing a tab

To close the current tab, you can do one of the following:

- Click the Close Tab button  at the top right corner of the Tab Bar.
- Double click on the Tab Bar if you have checked “Double-click to close tab” in **File > Preferences > General > Tab Bar**.
- Click the middle button of the mouse on the Tab Bar.
- Right-click on a tab and choose **Close Tab /Close Others/Close Left/Close Right**.
- Select **File > Close**.

To close all tabs at the same time, click the Close button  at the top right corner of Foxit Reader window, or right-click on a tab and choose **Close All**.

Single Document Reading

The single document interface mode enables you to open multiple instances of Foxit Reader. Foxit Reader will create a new window when you double-click to open a new PDF file, which is very useful for viewing different files side by side.

- To enable single document interface mode, please go to **File > Preferences > Documents > Open Settings > check Allow multiple instances** option.
- To disable single document interface mode, please go to **File > Preferences > Documents > Open Settings > uncheck Allow multiple instances** option.

Text Mode, Read Mode, Reflow Mode, Night Mode

Text Mode

With Foxit Text Viewer, you can work on all PDF documents in pure text view mode. It allows you to easily reuse the texts scattered among images and tables, and acts like Notepad. Also, you can adjust some settings to meet your needs.

Entering Text Mode

Do one of the following:

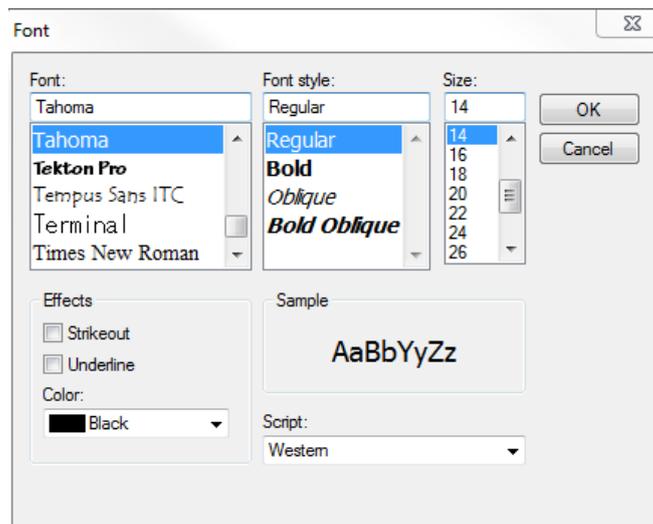
- Choose **View > Text Viewer**  Text Viewer .
- Press the shortcut key Ctrl+6.

Customizing Text Viewer

As soon as Text Viewer is activated, you can use the Text Viewer Toolbar to customize your own work area. This Toolbar is set to be invisible by default.

1. Changing text font when reading with Text Viewer

- Right-click on the text, choose **Font Settings** from the Context Menu, and then select the **Font** option.
- Choose Font name, Font Style, Font Size, Effects, Color and Script from respective fields in **Font** dialog box. The suggested font for best screen display is Courier New.



Note: You can change all aspects pertaining to text view font in the **Font** dialog box, or you

can also use individual options on Context Menu to change font color and toggle between regular style and Bold or Italic styles.

2. Toggling between regular style and Bold style

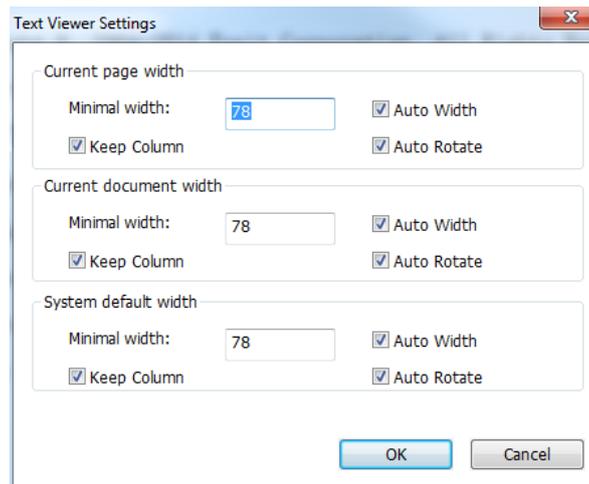
Select the text and right click on it. Choose **Font Settings** from the Context Menu, and then select the **Bold** option.

3. Toggling between regular style and Italic style

Select the text and right click on it. Choose **Font Settings** from the Context Menu, and then select the **Italic** option.

4. Changing Text Viewer settings

- Right-click the text, and choose **Settings** from the Context menu.
- The **Text Viewer Settings** dialog box pops up.



- Below are the text viewer settings:
 - A. Set page width at three different levels: Current page width, Current document width and System default width.
 - B. Minimal width – The valid value for this field is 0-1024. It is set to 78 by default.
 - C. Keep Column – For PDF tables or text columns, you can check Keep Column to retain appropriate column in text viewer mode. It is checked by default.
 - D. Auto Width – For PDF tables or text columns, you can check Auto Width to keep proper width between texts automatically. It is checked by default.
 - E. Auto Rotate – You can check Auto Rotate to ensure consistent orientation with that of the printer. It is checked by default.

Finding text in Text Viewer Mode

In Text Viewer mode, you can search and find text in the main body of a PDF file in case-insensitive manner.

To find text you are looking for, follow the steps below:

- Press Ctrl + F.
- Type the text in the Find What field.
- Press **Enter** repeatedly or shortcut key F3 to continue searching the next instances of the search term.

Read Mode

In Read Mode, the PDF will be displayed in a way that hides much of the interface, including navigation pane, toolbar, and status bar, to maximize the document display area. It enlarges the document pane, keeping you from wasting reading space, leaving the tab bar with you for necessary operations.

To read a document in Read Mode, please choose one of the following:

- Choose **View > Read Mode**  **Read Mode** .
- Press the shortcut key “Ctrl + H” on the keyboard.
- Right-click the document pane > choose **Read Mode**.

In Read Mode, a basic toolbar floats at the bottom of the page. It offers some basic commands, such as save, print, and zoom in/out. Please move the cursor to the bottom to activate the floating box.

If you open more than one PDFs, please press “Ctrl + Tab” on the keyboard to switch through them in Read Mode.

Reflow Mode

In Reflow Mode, PDF files are temporarily presented as a single column that is the width of the document pane. It allows you to easily read PDF a document when it is magnified on a standard monitor, without scrolling horizontally to read the text.

To read a document in Reflow Mode, please do one of the following:

- Choose **Home > Reflow** or **View > Reflow**.
- Press the shortcut key Ctrl + 4 on the keyboard.

In Reflow Mode, only readable text appears, and comments and form fields will not be displayed. If the Page Display is set as Facing or Continuous Facing before you choose Reflow Mode, it will automatically become Continuous when the PDF document is reflowed.

To exit the Reflow Mode, please redo the actions mentioned above.

Night Mode

The Night Mode in Foxit Reader allows you to invert black and white to reduce eye strain in low light conditions. In the **Document Views** group under the **View** tab, click **Night Mode** to enable or disable the Night Mode.

Read Out Loud

Read Out Loud is a Text-to-Speech (TTS) tool. It reads the text in a PDF aloud, including the text in comments and alternate text descriptions for images and fillable fields. Text is read based on the order of the page content. With this feature, you can obtain information without viewing the pages, helping to effectively relieve eyestrain. It also enables you to view other materials while listening to the content.

Read Out Loud uses the available voices installed on your system. If you have SAPI 5 voices installed from text-to-speech or language applications, you can choose them to read your PDFs.

Note: Read Out Loud isn't a screen reader, it may not be available in some operating systems.

Set Reading and Speech Preferences

Please go to **File > Preferences > Reading** or **Speech**. For more information, please refer to [Reading preferences](#) and [Speech preferences](#).

Activate or deactivate Read Out Loud

You need to activate Read Out Loud before using it.

- To activate Read Out Loud: select **View > Read > Activate Read**.
- To deactivate Read Out Loud: select **View > Read > Deactivate Read**.

Tip: You can press the shortcut key Ctrl + Shift + Y to activate or deactivate Read Out Loud, based on the current status of the feature. After activating Read Out Loud, you can [read a PDF file](#) and [PDF form field](#) out loud.

Read a PDF Out Loud

- Navigate to the page that you want to read out.
- Choose **View > Read > Read Current Page** or **Read from Current Page**.

Tip: If you need to read the text in the comments while reading a PDF out loud, please make sure you have checked **Read comments** option in the [Speech preferences](#).

Read PDF Form Fields Out Loud

- Go to **File > Preferences > Speech**, and check **Read form fields** option.
- In the PDF form, press **Tab** to select the first form field that you want to read out loud, and then press **Tab** to move to the next form field. Foxit Reader will read out the form field as well as the state of selected check boxes and radio buttons.

Control Reading

While reading a PDF file or form field, you can interrupt the reading and adjust reading volume and speed as needed.

- To adjust the reading speed: choose **View > Rate** command  > drag the slider.
- To adjust the reading volume: choose **View > Volume** command  > drag the slider.
- To pause reading: choose **View > Pause** command .
- To stop reading: choose **View > Read > Stop**.

Read and Interact with PDF with Screen Reader

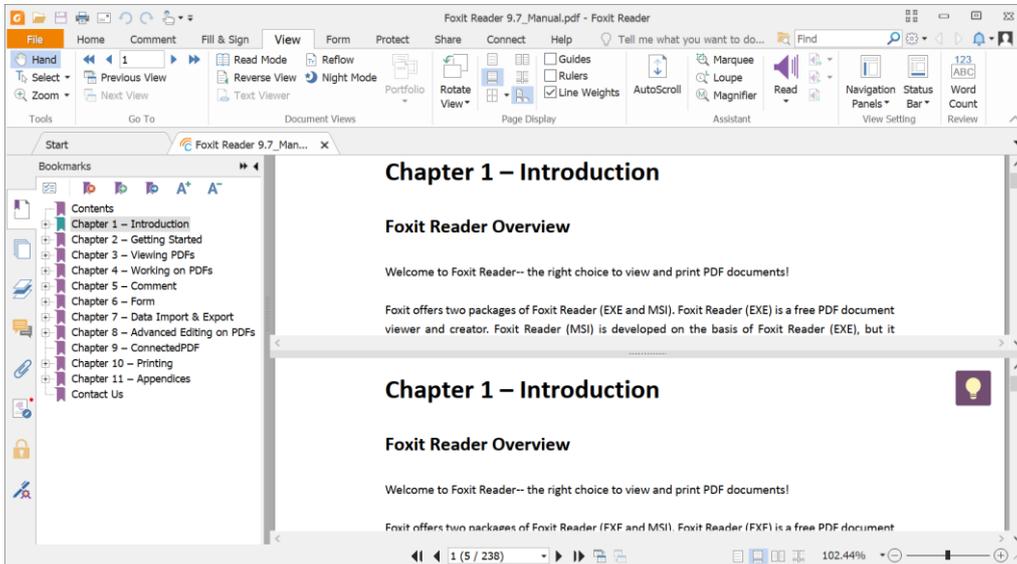
Foxit Reader enables visually impaired users to read and interact with PDF using NVDA (NonVisual Desktop Access) and JAWS (Job Access with Speech). You can change the reading setting in [Reading Preferences](#). While reading a PDF, use the shortcut keys for screen reader to interact with PDF. Contact the vendor for more information about the instructions for using the screen reader with Foxit Reader.

Split View

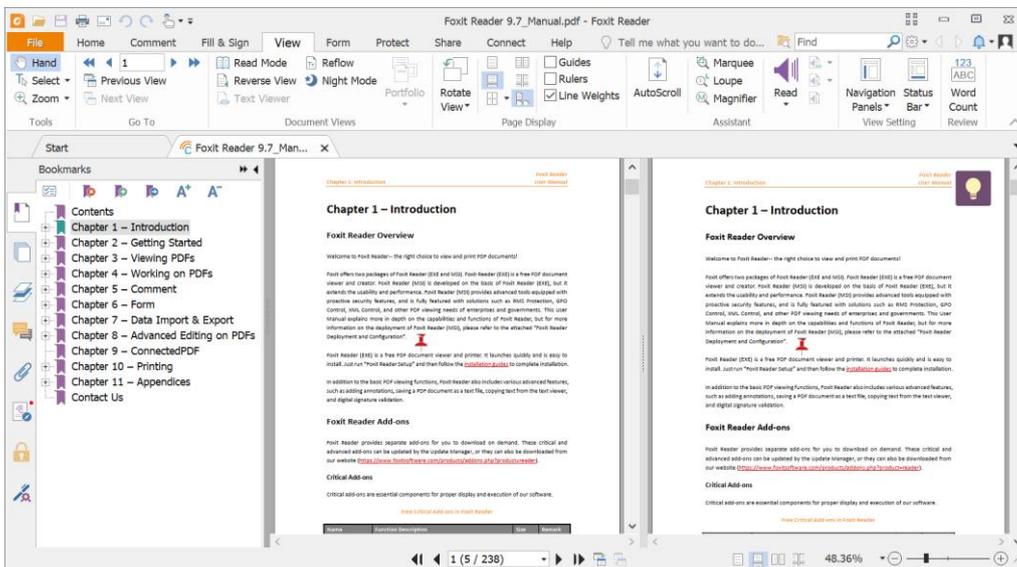
Using Split View, you can view a PDF with the document pane divided into two panes (Vertically Split or Horizontally Split) or four panes (Spreadsheet Split).

- With the Split View, you can scroll, change the magnification level, or turn to a different page in the active pane without affecting the other pane(s).

To change to Split View, choose **View > Split** command  > **Vertically Split** or **Horizontal Split**.



Horizontal Split View



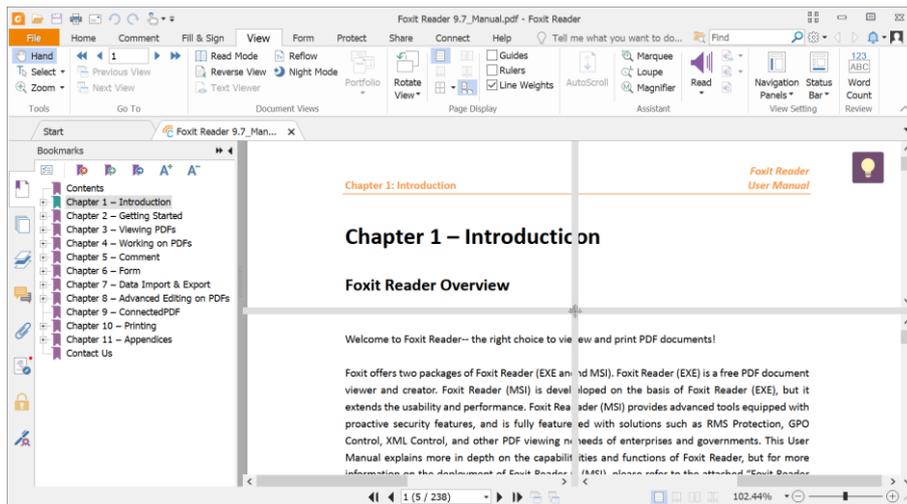
Vertical Split View

- The Spreadsheet Split view is useful if you want to keep the vertical or horizontal headings visible while scrolling through a large spreadsheet or table of the current page. In this mode, changing the magnification in one pane can make the magnification in all panes be changed in the same time. Also, scrolling is coordinated among the panes.

Note: If you stay in the same page when scrolling horizontally, the above two spans

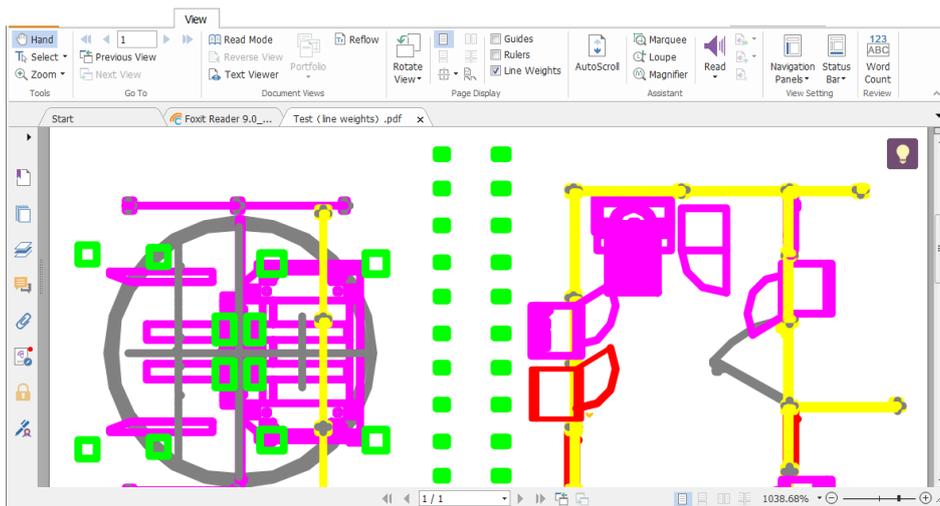
which show the headings will not be scrolled. But if you scroll to the next page, the above spans will also skip to show the headings of the next one's. When scrolling vertically, the two panes in the same queue will be scrolled, while the panes next to them will not.

To change to Spreadsheet Split View, you should choose **View > Split** command  > **Spreadsheet Split**.

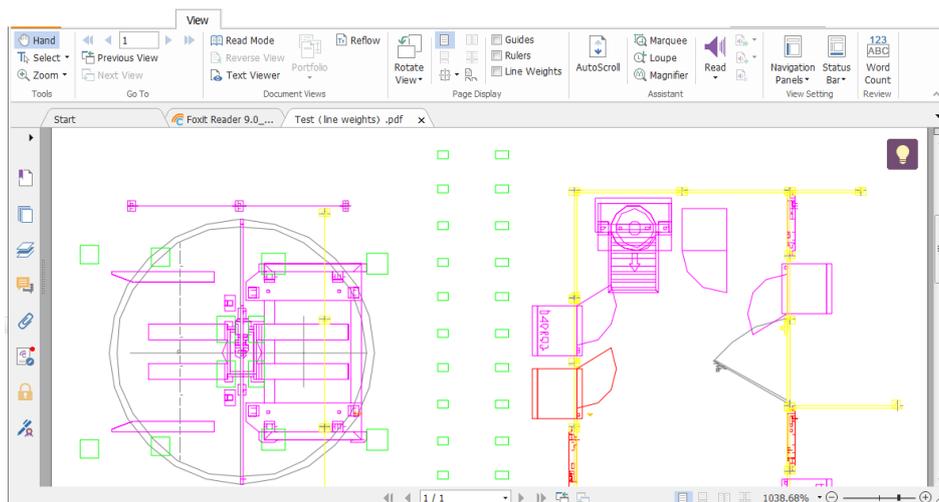


Spreadsheet Split View

Line Weights View



PDF in Line Weights View



PDF in Non-Line Weights View

In Line Weights View, the lines will be displayed with the weights defined in the PDF file. When Line Weights View is turned off, the lines will be displayed with the constant stroke width (1 pixel), regardless of zoom. The following screenshots show the comparison of the PDF file displayed in Line Weights View and Non-Line Weights View.

- To enter Line Weights View, please choose **View**, and then check **Line Weights** option.
- To exist Line Weights View, please choose **View**, and then uncheck **Line Weights** option.

Full Screen Mode & Fit the Window Mode

Full Screen Mode

In Full Screen mode, Foxit Reader Document Pane fills the entire screen, with Tab Bar, Toolbar, Status bar, and Bookmarks pane hidden behind. The mouse pointer remains active in Full Screen mode so that you can click links.

1. To set Full Screen preferences, please refer to ["Setting Full Screen Preferences"](#) .
2. To enter Full Screen mode, please do one of the following:
 - Click the Full Screen button  on the right of the Toolbar.
 - Press the shortcut key F11.
 - Right-click the Document Pane and select **Full Screen**.
3. To adjust the view in Full Screen mode, right-click the document and work with the Context Menu.

Note: This feature will not be available unless you clear *Left click to go forward one page; right click to go back one page* check box in the Preferences dialog.

4. To exit full screen mode:

- Press Esc key or the shortcut key F11.

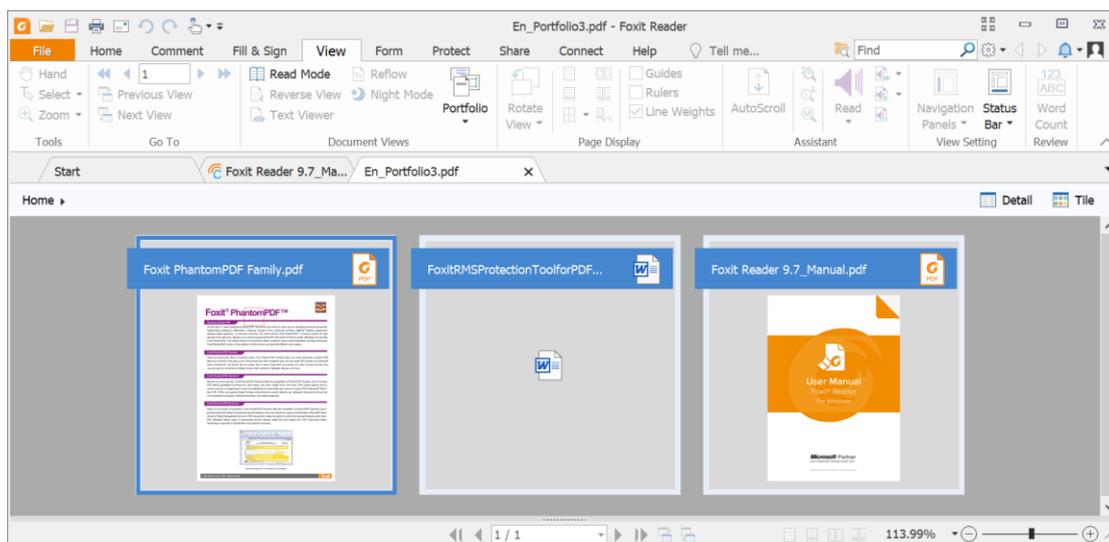
Fit the Window Mode

There are four types for you to choose:

- To resize the page to fit entirely in the document pane, choose **View > Zoom > Fit Page**, or right-click the Document Pane and choose **Fit Page**.
- To resize the page to fit the width of the window, choose **View > Zoom > Fit Width**, or right-click the Document Pane and choose **Fit Width**. Part of the page may be out of view.
- To resize the page to its actual size, choose **View > Zoom > Actual Size**, or right-click the Document Pane and choose **Actual Size**.
- To resize the Document Pane to fit page by visible area, choose **View > Zoom > Fit Visible**.

View PDF Portfolios

PDF portfolios are a combination of files with different formats such as Word Office files, text documents and Excel files. Foxit Reader supports viewing and printing PDF portfolios, as well as searching keywords in the portfolio.



A Sample PDF Portfolio

- Open a PDF portfolio in Foxit Reader by right-clicking it and choosing “Open with Foxit

Reader”.

- You can click **View > Portfolio** (or click **Detail/Title** in the upper right corner of the document area) to change the view of PDF portfolio in Layout, Detail, or Cover Sheet mode. In Detail view mode, you can right-click on any file or blank area and select **View** to specify which properties you would like to display in the file details list. Click a column name to sort files by certain property in an ascending or descending order. In Detail view or Layout view, right-click on any file or blank area and select **Read Mode** to display the portfolio in Read Mode with toolbar collapsed for maximum displaying space.
- To open and read the files in the portfolio, please do any of the following:
 - Double-click a file.
 - Right-click a file and choose **Open File in Native Application**.
- Right-click a document in the portfolio and choose **Show Information** to view the properties of the document.
- Search PDF in portfolio by using the Advanced Search. Please refer to “[Doing Advanced Search](#)” for more information.
- To save a file in the portfolio as a copy in your local disk, right-click the file, and choose **Extract from Portfolio**.

Adjusting the View of Documents

Foxit Reader provides multiple commands that help you adjust the view of your PDF documents. It includes simple commands such as Zoom In and Zoom Out, as well as more advanced features like setting the page layout and orientation. As for some settings, please refer to “[Setting Preferences](#)”.

Changing the Orientation of a Document

You can change the orientation of the document from portrait to landscape view by using the Rotate commands.

- Choose **View > Rotate View > Rotate Left** or **Rotate Right**.

***Note:** You can change the page view in 90-degree increments, but the change only affects screen display instead of its actual orientation. You cannot save the changes in page view.*

Changing the Magnification Level of a Document

Do one of the following procedures:

1. Go to **View > Zoom > Zoom Out** or **Zoom In**.

2. Adjust a magnification percentage in the Magnification Percentage Area



on the Status Bar.

3. Go to **View > Zoom** > choose a magnification percentage.

4. Right-click the Document Pane > choose **Zoom In** or **Zoom Out**.

5. Using the Marquee Command

The Marquee command allows you to zoom in on a particular area of your document for a clear view. To use the Marquee command, please follow the steps below:

- Choose **View > Marquee**  Marquee .
- The cursor changes into , drag a rectangle on the page or just click on the page to increase the magnification by one preset level, centering on the point where you clicked.
- Choose the Marquee command, the cursor changes to  as Ctrl-click on the page. Drag a rectangle on the page or just click on the page to decrease the magnification.

6. Using the Loupe Command

The Loupe command allows you to easily change the magnification of a PDF file. It is best used when you want to keep a PDF file at a standard zoom level (like 100%), but magnify certain areas. To use the Loupe command, please follow the steps below:

- Choose **View > Loupe**  Loupe .
- Move the loupe tool to the places you want to view, you will see the amplification or decreased objects in the **Loupe Tool** dialog box.
- (Optional) Select the **Lock** option in the **Loupe Tool** dialog box. Click the area of the document you want to view in closer detail. A red rectangle appears in the document, corresponding to the area shown in the **Loupe Tool** window. You can drag or resize the rectangle to change the Loupe command view.
- To change the scale ratio of the Loupe Tool, you can either enter a value in the zoom text box, or drag the slider in the **Loupe Tool** dialog box.

7. Using the Magnifier

You can easily magnify areas of the PDF files as you work on Foxit Reader with the Magnifier. It is especially useful for visually impaired people with some functional vision.



- Choose **View > Magnifier**  Magnifier .
- Move the Magnifier to the places you want to view.
- To switch between Magnifier and Fisheye Magnifier, press the left mouse button.
- To change the size of magnifier window, press the right mouse button.
- To turn off the Magnifier, choose any other commands or press **ESC** Key to directly return to Hand command.

Changing the Page Layout

Changing page layout is especially useful when you want to zoom out to get an overview of the document layout. Foxit Reader provides the following page layouts:

- Single Page – Displays one page in the document pane at a time.
- Continuous – Arranges the pages in the document pane in a continuous vertical column.
- Facing – Arranges the pages side by side, displaying only two pages at a time.
- Continuous Facing – Arranges the pages side by side in a continuous vertical column.
- Separate Cover Page–Show Cover Page During Facing.

If a document has more than two pages, the first page can be displayed alone on the right side of the document pane in Facing and Continuous Facing views.

To display the cover page as the first page on the right followed by two facing pages, please choose the Facing or Continuous Facing mode, and then select **View > Separate Cover Page** button  .

To set page layout, please do one of the following:

- Choose **View** and choose one of the modes to your needs.
- Click the Single Page button , the Continuous button , the Continuous Facing

button , or the Facing button  on toolbar or the Status Bar.

Tip: By default, Foxit Reader will display the pages from left to right in facing and continuous facing mode. If you want to change the reading direction, please choose **File > Preferences > Languages > Default Reading Direction > Right to Left**.

Navigating in Documents

Foxit Reader provides user-friendly controls to navigate through PDF documents. You can navigate in PDF documents by paging through or by using navigational commands.

Scrolling through Documents

1. Navigating around Documents

Do one of the following:

- **Using mouse actions or keystrokes**

- To navigate around the documents vertically, scroll the mouse wheel or press the Down or Up Arrows on the keyboard.
- To navigate around the document horizontally, press Shift and scroll the mouse wheel.

While scrolling in a document, you can lock the scroll direction to prevent the document from being scrolled out of place, especially when the document is zoomed in and scrolled within tablets. The steps are as follows:

- Choose **File > Preferences > General**, and check the **Show scroll lock button** option under the Status Bar to enable scroll lock. Once enabled, the scroll lock icons will be displayed in the Status Bar.
- Click  on the Status Bar to lock the scroll horizontally.
- Click  on the Status Bar to lock the scroll vertically.
- Click both  and  on the Status Bar to freeze the screen so that you can read the current view of the document.

- **Scroll automatically**

Automatic scrolling allows users to view documents without using mouse actions or

keystrokes. Foxit Reader also enables you to change the scrolling speed with ease.

- A. Choose **View > AutoScroll** .
- B. Do one of the following:
 - To increase or decrease the scrolling speed, press the Up Arrow or Down Arrow key, depending on the direction of scrolling. To change the scrolling speed to a specific speed, press a number key (9 for the fastest, 0 for the slowest).
 - To reverse the direction of scrolling, press the minus sign (-) key.
 - To jump to the next or previous page, press the Right Arrow key or Left Arrow key respectively.
 - To stop automatic scrolling and go back to Hand command  mode, click **AutoScroll**  again or press the **Esc** key.
 - To pause automatic scrolling, press Space key.

Tip: To perform auto-scrolling, you can also click the Hand command , hold the middle mouse button/wheel mouse button down, and then move the mouse to scroll the pages. You can press the middle mouse button/wheel mouse button again to exit AutoScroll mode.

2. Going to the next or previous page

Do one of the following:

- Click the **Previous Page** button  or the **Next Page** button  on **Go To** group under **View** tab or  on the Status Bar.
- Put the cursor in the Document Pane, press the Page Up or Page Down keys to turn the pages.
- Put the cursor in the Document Pane, press the Left or Right Arrows on the keyboard to move the pages up or down.
- Press Space to scroll the page down or press Shift + Space to scroll the page up.

3. Going to the first or last page

Do one of the following:

- Click the **First Page** button  or the **Last Page** button  on **Go To** group under **View** tab or  on the Status Bar.
- Press the **Home** or **End** keys.

4. Going to a specific page

Do one of the following:

- Choose **View** and input the specific page number on the Current Page Number Box



and press **Enter**.

- Input or select the specific page number on the Current Page Number Box



on the Status Bar, and press **Enter**.

Note: If your PDF contains formatted page numbers, and the *Use logical page numbers* option is enabled in **File > Preferences > Page Display**, you should input the numbers that match the numbering on the pages rather than the physical page numbers. For instance, if you want to view the second page of your document which is numbered *ii*, you should enter *ii* to go to the page. See also the preference setting on [logical page numbers](#).

5. Retracing your steps

- To go back or forward one page, click the **Previous View** button  or **Next View** button  on the Toolbar under **View** tab or Status Bar.
- (Alternatively) Choose **View** and click **Previous View** or **Next View** in Go To group.

Navigating With Bookmarks

Bookmark displays the list of bookmarks that the document contains. Generally speaking, it is a visual table of contents that represents the chapters, main headings, and other organizational elements in a document.

1. To show or hide bookmarks, do one of the following:

- Choose **View > Navigation Panels > Bookmarks**.
- Click the Bookmark button  on the Navigation pane.
- Click the Expand button  or Collapse button  at the top right corner of the Navigation pane to maximize or minimize the Bookmarks panel.
- Click the Hide button  or Show button  to hide or show the Bookmarks panel.
- If you want to hide the Bookmarks panel after you click a bookmark, click the **Options** menu at the top of the **Bookmarks** panel and select **Hide After Use**, which makes the document area wider and improves the reading experience. To keep showing the **Bookmarks** panel after you click a bookmark, deselect **Hide After Use**.

- To jump to a topic, click the bookmark or right-click the bookmark and then choose **Go to Bookmark**. Click the plus (+) or minus (-) sign to expand or collapse the bookmark contents.

Tip:

- When you navigate through the PDF document, the highlighted bookmark icon will automatically be kept in sync with the current page being displayed.
 - If a bookmark is too long to be displayed in the Bookmarks panel, you can right click the bookmark (or click the **Options** menu  at the top of the Bookmarks panel) and select **Wrap Long Bookmarks** to wrap it to multiple lines for a better view. To unwrap the long bookmarks, deselect **Wrap Long Bookmarks**.
- To find the current bookmark

To find the current bookmark for the displayed page of the PDF document, do one of the following:

- Click the Find Current Bookmark button  at the top of the Bookmarks panel.
- Click the **Options** menu  at the top of the Bookmarks panel, and choose **Expand Current Bookmark**.

If the bookmark was hidden in a collapsed parent bookmark, the parent bookmark will be opened, and the corresponding bookmark which is nearest to the current page's location will be highlighted, so that users can see the selected bookmark and locate the related item on the current page.

Navigating with Page Thumbnails

Page thumbnails are reduced-size versions of PDF pages. It provides miniature previews of document pages and makes it easier to view and recognize them. The red box on the page thumbnail indicates which area of the page appears.

- To show or hide page thumbnails, do one of the following:

- Choose **View > Navigation Panels > Pages**.
- Click the Page button  on the Navigation pane.
- Click the button  at the top right corner of the Navigation pane to minimize or maximize Pages panel.

- B. To navigate with page thumbnails, do one of the following:
- To jump to another page, click its thumbnail.
 - To move to another location of the current page, drag and move the red box in its thumbnail.
 - To resize the visible area of the current page, drag the resize handle on the bottom right corner of the red box.
 - To resize page thumbnails, do any of the following:
 - ✧ Right-click on a thumbnail, and then choose **Enlarge Page Thumbnails** or **Reduce Page Thumbnails**.
 - ✧ Click  or  on the top of Pages panel to enlarge or reduce page thumbnails separately.
 - ✧ Use CTRL + mouse wheel scroll.
- C. In the Single Page Displaying Mode, the page thumbnails will show up when dragging the scrollbar to view the page.

Tips:

1. To add an action to a page thumbnails, please refer to "[Adding an Action to a Bookmark](#)".
2. Press Ctrl/Shift + click/arrow key to select multiple page thumbnails at one time. If you need to select all the page thumbnails, select one page thumbnail first, and then press Ctrl + A.

Navigating with Links

Links take you to another location in the current document, or to locations in other documents or websites. Clicking a link on PDF documents is just the same as in other applications. You can follow a link by doing the following:

- Select the Hand command .
- Position the pointer over the link until the pointer changes to the hand with a pointing finger .

Navigating with Article Thread

PDF articles are optional electronic threads defined by the PDF author, which lead readers through the PDF contents presented in multiple columns and across a series of pages. If you are reading a PDF file that contains articles, you can show the article names and navigate through them easily.

1. To view the articles in the document, open the **Articles** panel in the navigation pane and do any of the following to start viewing:
 - Double-click the article you want to view.
 - Right-click the article you want to view and choose **Read Article** from the context menu.
 - Select the article you want to view and choose **Read Article** from the options menu in the upper right corner of the **Articles** panel.
2. The pointer will change into  and you will be switched to the beginning of the article (the area of the first defined article box). The page view may zoom in or out automatically so that the current part of the article fills the screen, with the first line appearing in the upper left corner.
3. During the article viewing, do any of the following:
 - Click in the article or press **Enter** to navigate to the area of next article box.
 - Shift-click in the article or press **Shift + Enter** to navigate to the area of previous article box.
 - Ctrl-click within the article to go to the beginning of the article.
4. At the end of the article (the area of the last defined article box), the pointer will change into  and clicking in the article will return to the beginning of the article.

Note:

1. Before viewing an article, make sure you have selected the Hand tool and the option **Make Hand Tool read articles** in the **File > Preferences > General**.
2. You can select **Hide After Use** in the options menu in the upper right corner of the **Articles** panel to hide the panel after the article viewing starts.

View 3D Content in PDFs

Foxit Reader lets you view, navigate, and comment on 3D content in PDF documents. Before using these features, you need to download the plugin from Foxit Server and install it in Foxit Reader. The 3D Content Navigation panel, allows you to show/hide parts of a 3D model and add 3D comments to the 3D model, including text, linear, angular, and radial. You can also rotate/pan/zoom a 3D model in different views.

Show/hide parts of a 3D model

From the **3D Content Navigation** pane, you can view the 3D scene structure and the preset views. Check/uncheck the appropriate checkbox to show/hide the corresponding part of the 3D content. Click on the **Default view** button to go to the initial view. Select the desired view name in the list to switch between preset named views.

Add a 3D comment/measurement to a 3D model

You can add a 3D comment/measurement to any part of a 3D model with the options on the 3D Content Navigation pane.

1. Select **Add Comment** on the **3D Content Navigation** pane, and then put the cursor over the desired position and click to add a note comment. Then you'll be prompted to enter a comment string in the pop-up dialog box.
2. (Optional) select **Add Linear/Add Angular/Add Radial** on the **3D Content Navigation** pane, and then put the cursor over the desired position and click to add a measurement.
3. In the **Default View**, a new view will be created after you add a 3D comment/measurement, either called **3DCommentView1** or **MeasurementView1**, respectively. If added to other preset views, the 3D comments/measurements will be listed under that view.

Rotate, pan, and zoom a 3D model

You can directly use the mouse to rotate, pan, and zoom in/out a 3D model.

- Rotate – click the model, hold the left mouse button, and move the mouse.
- Pan – click the model, hold the left mouse button, and CTRL button, and move the mouse.
- Zoom – click the model, hold the right mouse button, and move the mouse. Or click the model, hold the left mouse button and SHIFT button, and move the mouse.

Finding Text

Foxit Reader provides handy commands to find text. You can not only search text in a PDFs, folders, or disks, but also in portfolios. Also, you can limit your search by choosing the options offered on the Find Text dialog box to find specific items.

Finding Text in the Current PDF

To find text you are looking for, follow the steps below:

- Type the text in the Find box  at the upper right corner of the document.
- Click **Find Previous** or **Find Next**  to locate to relevant match.
- (Advanced Searching) Select a search option on the drop-down menu of Filter  next to Find box to limit your search and specify the highlight properties for search results:

- A. Whole Words Only -- Limits the search to match only whole words. For example, if you search for the word *Read*, the word *Reader* will not be found.
 - B. Case-Sensitive -- Makes the search case-sensitive. For example, if you search for the word *text*, the words *Text* and *TEXT* will not be found.
 - C. Include Bookmarks -- Enables you to search the text in bookmarks.
 - D. Include Comments -- Enables you to search the text in comments.
 - E. Highlight All Text -- Highlight all the text search results in PDF file.
 - F. Ignore Diacritics and Accents: Ignore the diacritics and accents to find items with any variation of the alphabetical characters. For example, if you type "resume", both "resume" and "résumé" will be found.
 - G. Properties -- Choose the color and opacity for the highlighting of the search results.
- Press **Enter** to start searching. If you have checked **Highlight All Text** option, all the text search results will be highlighted in the PDF file, and you can scroll through the document to find them easily. If you do not check that option, press **Enter** (or shortcut key F3) repeatedly to continue searching and finding the next instances of the search term.

Doing Advanced Search

The search function enables you to search for a string of characters or patterns according to the type of search option you choose; either in a single PDF file or in multiple PDF files under a specified folder. When the search is finished, all occurrences will be listed in a tree view, allowing you to quickly preview the contexts and jump to specific locations. You can also save the search results as a CSV or PDF file for further reference.

1. Setting Search Preferences

Before doing an advanced search, you can go to **File > Preferences > Search** to specify search preferences. For more information, please refer to [Search Preferences](#).

2. Fast Find

Foxit Reader enables the fast find feature by default to store a cache of information from PDF files that you searched, thus making subsequent searches faster. To specify fast find settings, please do the following:

- Choose **File > Preferences > Search**.
- To set the maximum cache size of search information, input a desired value (any integer between 5 and 100,000) in the **Maximum Cache Size** field.
- If you want to delete all the caches of search information, click **Purge Cache Contents**.
- To disable fast search, please uncheck **Enable fast find**.

If fast find is enabled, the cache of search information will be generated when you perform

a search. When the cache reaches the limit size you specified, the earlier cache contents will be deleted automatically. And if you execute searches in PDFs that include both index and fast find cache, index will be used as the priority for searching.

3. Searching Text and Patterns

To search text you are looking for, follow the steps below:

- Click **Search** command  next to Find box.
- Below “Where would you like to search?” check one of the following to define the search field.
 - A. To search the text in the current PDF document, select “In the current PDF document”. This option will be grayed out if no document is open.
 - B. To search the text in all PDF documents in specific folder or disk, select **All PDF Documents in** > choose one of the disks or user-selected search paths. Foxit Reader will show the path of the currently opened document for easier location.
 - C. To search the text in selected documents in PDF portfolio, please select **Selected PDFs in portfolio**. This option is only available when a PDF portfolio is opened.
 - D. To search text in the PDF portfolio, please select **All PDFs in portfolio**. This option is only available when a PDF portfolio is opened.
 - E. To search PDF indexes, please choose **Select Index**. This option helps you search the index of the entire set of documents quickly if your PDF document or document collections include a full-text index created by Foxit PhantomPDF. If you have added indexes in Foxit Reader before, you can also choose **Currently Selected Indexes** option directly to search your currently selected indexes. For more information, please refer to [“Searching PDF Indexes”](#).
- Select one of the following search criteria from the dropdown list under the file location box:
 - A. Match exact word or phrase: Search for instances that match the entire word or phrase (including the spaces) you specified in the text search box.
 - B. Match any of the words: Search for any instances that match at least one of the words.
 - C. Looks like search pattern: Search for patterns like phone number, social security number, or email address in the PDF file. This option is not available when you search PDF indexes.
 - D. Match All of the words: Search for any instances that match at least one of the words, but not necessarily in the order you type the words. If the document does not contain all of the words you type, no matched results will be found. This option is available only for searching a full-text PDF index.
- For text search, input the word you would like to search in “What word or phrase would you like to search for” box. For pattern search, select the pattern you want to search

from the **Select your pattern** dropdown list, and choose the specific county and region from the **Country/Region** dropdown list.

- (Optional) Check any of the following options to specify the additional search criteria, if needed.
 - a) To limit the search to match only whole words, check **Whole Words Only**. For example, if you search for the word *Read*, the word *Reader* will not be found. This criterion is only available for text search.
 - b) To make the search case-sensitive, check **Case-Sensitive**. For example, if you search for the word *text*, the words *Text* and *TEXT* will not be found. This criterion is only available for text search.
 - c) To search words in comments, please check **Include Comments**.
 - d) To search words in bookmarks, please check **Include Bookmarks**. This criterion is only available for text search.
 - e) To search words in attachments, please check **Include Attachments**.
 - f) To search for two or more words that are separated by no more than a specific number of words specified in [Search preferences](#), please check **Proximity**. This option is available in index search when **Match of All of the words** is selected.
 - g) To find instances that contain the stem of the specified search word, please check **Stemming**. For example, if you search for “opening” with **Stemming** option checked, instances of “open”, “opened”, “opens”, and “opening” will be found. This criterion applies to text search and index search, and is not available if either **Whole Words Only** or **Case-Sensitive** is selected.
 - h) To highlight all the text search results, please check **Highlight All Text**.
 - i) To limit search in order to match criteria such as document properties and metadata, check the option in **Use these additional criteria** group, and specify the additional criteria, including Author, Date Created, Subject, etc. These options are only available when you execute advanced text search in multiple PDF files.

Tip: The additional search criteria options are collapsed by default. You can click **More** to show all the options. To keep expanding and displaying the additional search criteria options all the time, please go to **File > Preferences > Search**, and check the **Always show more options in advanced search** option in the **Search** group.

- Click **Search** button.
- Each item listed includes a few words of context and an icon that indicates the type of occurrence. Check the search results with the following steps:
 - If necessary, click the plus sign (+) to expand the search results.
 - (Optional) For advanced search in multiple documents or portfolios, you can select an option from the **Sort By** drop-down list near the bottom of the **Search** panel to sort the search results by date modified, filename, or location.
 - To collapse the file path and have a quick view about the file name, check **Collapse File Path** option at the bottom of the **Search** panel.

- Click a search result directly to view it in the PDF file.
- (Optional) Click the save button  in the **Search** panel, and choose **Save results to PDF** or **Save results to CSV** to save the search results.
- (Optional) Click **New Search** button to start a new search task.

Note: For each search, layers, form fields, and digital signatures in the document will also be searched automatically. If some of the search results occurs on a hidden layer, when selecting the results in the **Search** panel you will be prompted whether to make that layer visible.

4. Searching PDF Indexes

If your PDF document or document collections include a full-text index created by Foxit PhantomPDF, you can improve your search efficiency by simply searching the index for target words rather than each document separately. Steps are as follows:

- Click **Search** command  next to the Find box to open the **Search** panel.
- To search a PDF document with embedded index, please enable embed index in [Indexing preferences](#), and then follow the steps in "[Searching Text and Patterns](#)".
- To search document collections which include a full-text index, please follow the steps below:
 - From the **Where would you like to search** dropdown list, choose **Select Index** to add indexes.
 - In the pop-up **Index selection** dialog box, click **Add** to add an index. All the indexes you added will be displayed in the index list in **Index selection** dialog box. You can select an index, and click **Info** to get its file information, or click **Remove** to remove it from the list, if necessary. Once added, the index files will be marked as checked for you to execute index search by default. Before application, review the indexes in the list, and uncheck any unnecessary ones. Upon completion, click **OK** to close the **Index selection** dialog box.
 - When you have successfully added the indexes, the **Currently Selected Indexes** option will be selected by default. If you want to search the currently selected indexes next time, you can also choose this option from the **Where would you like to search** dropdown list directly.
 - Follow the steps in "[Searching Text and Patterns](#)" to proceed with your search.

Tip: An index created by Foxit PhantomPDF for document collections usually includes an XML file, log file, and support folder. To ensure successful search, all the index files should be available when you search an index in Foxit Reader.

5. Moving and Resizing Search Box

The advanced search box can float or be docked. You can also resize the box easily.

- To float the docked search box, please drag it by its title bar to another location in the work area.
- To move the floating search box, drag it by its title bar to another location in the work area.
- To resize the floating search box, drag any corner point to adjust.
- To dock the floating search box, double-click the title bar or drag it by the title bar to its original location.

Search and Highlight

After searching, users may need to mark up the searched text strings in a highlight color. With Foxit Reader's **Search & Highlight** feature, users can perform an advanced search and highlight the searched text strings with one click.

- Choose **Comment > Search & Highlight**.
- The **Search** panel opens. Search the text strings or search by patterns as needed.
- After the search completes, you can see a Highlight icon  next to the Save button  in the **Search** panel, a check box in front of each searched instance and each file path, and the **Check All** option above the **New Search** button.
- Select the check box of the instance you want to highlight and click the Highlight icon . (*Tip: Click the check box in front of a file path to select all instances found in the file; select the **Check All** option to select all instances found in the search.*)
- (Optional) You can also change the highlight color as needed. Change the color from the appearance properties of the markup and set the properties as default. (For details, please refer to [Changing the appearance of Text Markups](#).) Then perform a new search to apply the new color to searched results.

Playing a Movie or a Sound Clip

PDF has extended itself to interactive multimedia support and media playing capabilities. Some PDF files may be layered with multimedia; which could include sound, music and video clips. Each movie and sound file usually includes a play area from which the media can be activated. The play area typically appears on the PDF page as an image or a blank rectangle, but can also be invisible. To play the media files, please make sure you have the necessary media player installed on your computer.

To play a movie or a sound, please do the following:

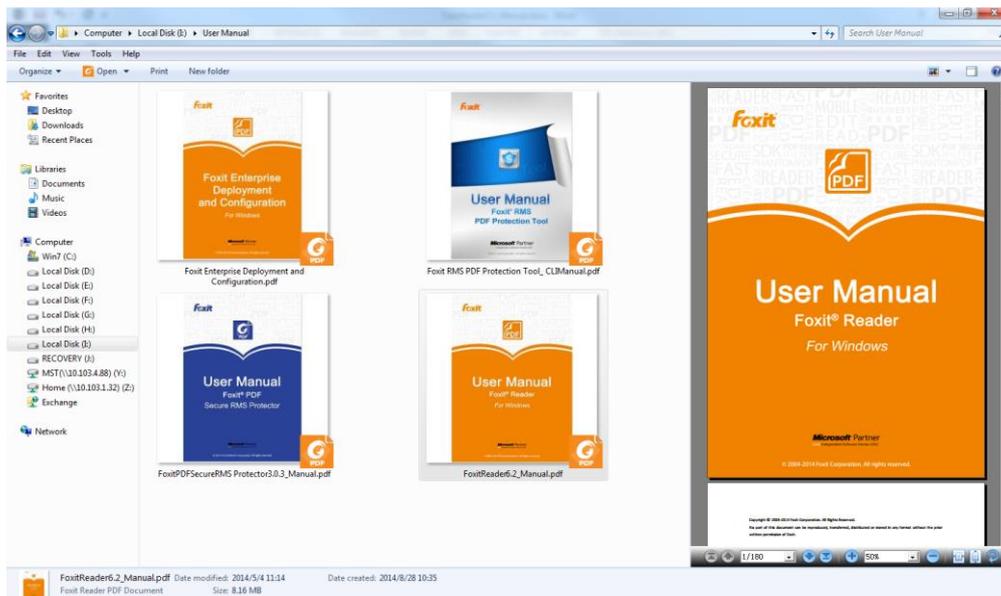
- Select the Hand command , and click the play area of the movie or sound file. When the pointer is positioned over the play area, it changes to the play mode icon.

Note: To protect your computer from viruses, Foxit Reader will pop up a dialog box soliciting your approval before playing multimedia files.

For more information, please refer to "[Adding Video & Audio](#)" for details.

Thumbnails Preview in Windows

If Foxit Reader is set as the default PDF viewer, all the thumbnails of PDF files will be displayed in Windows Explorer when opening a specific folder. The status bar of Foxit Reader will be displayed at the bottom of the Preview pane, which provides the basic viewing commands for easy reading; this includes Go To commands, Zoom commands, and Rotate command.



Chapter 4 – Working on PDFs

Foxit Reader allows you to copy text and images to other applications, and stamp PDFs. To learn more about this, please read the following explanations.

Select & Copy

With Foxit Reader 7.0 and newer versions, you can copy and paste text with styles; which include font, font size, font style, font color, and other text editing features.

Selecting and Copying Text and Image

The Select Text and Image command lets you select horizontal and vertical text or columns of text, and image in a PDF. To copy text, click the **Select Text and Image** command  in the Tools group under the **Home** tab and do the following:

Selecting text and image

To select an image, please click on the image in a PDF file directly. To select text, please do any of the following:

- Select a line of text: Move the cursor  toward a line of text you want to select.
- Select a column of text: Place the cursor between the lines, move towards a column of text, and draw a rectangle over it.
- Select a word: Double-click the word you want to select.
- Select multiple paragraphs through pages: Start dragging from the beginning of the selection and scroll to the end of the selection without releasing your mouse.
- Select all the text: Press Ctrl + A, or select some text, right-click it and then choose **Select All**.
- Deselect all the text: Click anywhere outside of the text selected.

Copying text and image

Once you have selected the text or image, do one of the following:

- Right-click the selected text > choose **Copy**.
- Right-click the selected image, and choose **Copy**.
- Press shortcut key Ctrl + C.

Pasting text and image

To paste the selected text on Clipboard to PDF file in Foxit Reader, please select the Hand

command  in Foxit Reader, use the shortcut key Ctrl + V, or right-click on the document where you want to paste the text and select **Paste**.

To paste the selected image on Clipboard to PDF file in Foxit Reader, please select the Hand command  in Foxit Reader, use the shortcut key Ctrl + V or right-click on the document and select **Paste**. You will see the image preview as you hover your mouse over the document. Then click on the document where you want to add the image to add it in the PDF file.

To paste the selected text or image on Clipboard to another application, please follow the paste command of that specific application.

Copying a Combination of Text and Images as an Image

You can use the SnapShot command to copy all selected content (text, images, or both) to the clipboard or other applications. Text and images will be copied as an image.

To copy a combination of text and images as a single image, do the following:

- Select the SnapShot command by choosing **Home > SnapShot**.
- Drag a rectangle around the text and images.
- You will be prompted that the selected area has been copied to the clipboard.
- (Optional) Right-click the selected area, and then choose **Copy Selected Graphic**.
- Paste the selected image to other applications.

Tip: To paste images or a combination of text and image on clipboard from another application to PDF file in Foxit Reader, please select the Hand command  in Foxit Reader, use the shortcut key Ctrl + V, or right-click on the document where you want to paste the object and select **Paste**.

Word Count

Similar to Microsoft Word, Foxit Reader counts words, characters, pages, lines and other information in all or part of your document. With no text selected, click **View > Word Count**, and you will see a pop-up **Word Count** box for the statistics of the entire document. For a partial word count, just select the text you want to count, and then click **View > Word Count**; or right click the selected text and choose **Word Count** from the context menu.

Working with Layers

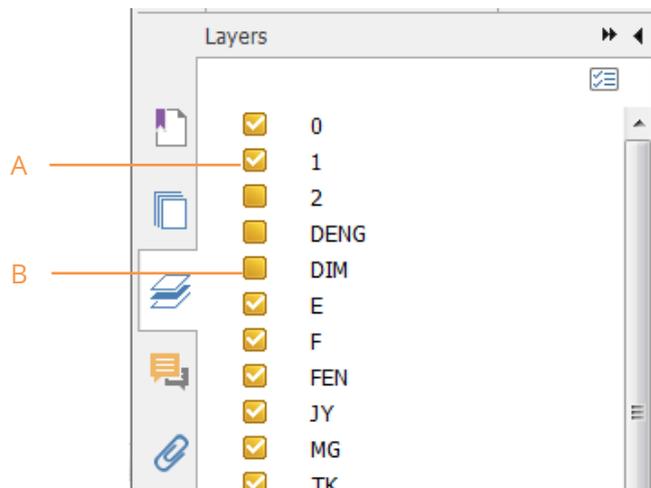
About PDF Layers

A layer or as it is more formally known Optional Content Groups (OCG) is a dictionary representing a collection of graphics that can be made visible or invisible dynamically by users of viewer applications. In a PDF file, each layer may hold any portion of the document's objects, and layers may be made visible or invisible, showing or hiding their contained objects, in any combination.

With Foxit Reader, you can control the display of PDF layers with the Layer panel. For example, you may divide background imagery, main content areas, and advertisements amongst their own top-level layers, and easily hide the layers that you don't want others to view.

Show or Hide PDF Layers

In a PDF, information can be stored on different layers. To show or hide related content stored in a variable number of separate layers, you can simply refer to the Layer panel on the left side of the work area. Please note that you cannot create or edit layers in Foxit Reader; however, you can view layers and choose to show or hide the content associated with each layer.



Layer Panel

A. A checkmark indicates a displayed layer **B.** Hidden layer

1. Open the Layer panel, and then do one of the following:

- To hide a layer, uncheck the layer.
- To show a hidden layer, click the empty box and a checkmark will appear.
- To check the properties of a layer, right-click the layer and select **Properties**.

2. From  at the top right corner of the Layer panel, choose one of the following:

- List Layers for All Pages - Shows every layer across every page of the document.
- List Layers for Visible Pages - Shows layers only on the currently visible pages.
- Reset to Initial Visibility - Resets layers to their default state.
- Expand All - Expands all layers.
- Collapse All - Collapses all of the current layers in the view.
- Apply Print Overrides – Displays layers according to the Print settings in the Layer Properties dialog box.
- Apply Export Overrides – Displays layers according to the Export settings in the Layer Properties dialog box.
- Apply Layer Overrides – Displays all layers, which is applicable to all optional content in the PDF, even layers that are not listed in the Layers panel. If you check this option, all the layers will be visible, regardless of the settings in the Layer Properties dialog box.
- Layer Properties – Displays layer properties including Layer Name, Default State, Initial State, etc.

Measuring the Objects

The Measure commands enable you to measure distances and areas of objects in PDF documents. The measure commands are especially useful when you need to know the distances or areas associated with objects in a form or computer-aided design (CAD) drawing, or when you want to measure certain areas of a document before sending to a professional printer. The measure commands are available to Reader users only if the PDF creator enables measuring functionality.

When you use a measure command, the command dialog box displays the measurements of the line segments you draw.

Measuring the Objects

- Choose **Comment**.
- Select the **Distance** command  to measure the distance between two points. While measuring the distance, you can specify whether to show the default leader on both side of the measurement points or not in [Measuring Preferences](#). Click the first point, move the pointer to the second point, and click again. If you choose to use the default leader, move your mouse to determine the leader length, and then click on the document again to finish measuring. The measurements will appear on the page.
- Select the **Perimeter** command  to measure a set of distance between multiple points. Click the first point to start, and then click each point you want to measure. Double-click the last point to end measuring.
- Select the **Area** command  to measure the area within the line segments that you

draw. Click the first point to start, and then click each point you want to measure. After you have clicked at least two points, click the first point or double-click the last point to complete the area measurement.

Notes:

1. When measuring, you can hold down **SHIFT** to snap the two points horizontally, vertically, or diagonally (in 45 degrees).
2. You can also choose to complete or cancel measurement by right-clicking and choosing options from the context menu.

After you select the measuring tool, the **Comment Format** context tab appears, which allow you to calibrate the scale ratio, snap measurement, export measurement markup, etc.



- If your PDF file includes embedded scale ratio, you can measure distance/perimeter/area using the embedded scale ratio. Before that, you need to select the **Use Scale and Units From Document (When present)** option in **File > Preferences > Measuring**. Then all the following measuring will use the embedded scale ratio. To calibrate the scale ratio for your document for an accurate result, choose either method of the following:
 - With the **Use Scale and Units From Document (When present)** option selected:
 - 1) Click **Calibrate** in the **Scale Ratio** group and then click the two points of the line whose actual length has already been known. (*Tips: When drawing, you can hold down **SHIFT** to snap the two points horizontally, vertically, or diagonally. You can also click **Snap to Paths**  in the **Snap** group to capture the path in the page.*)
 - 2) When the second point is selected, the **Calibration** dialog box pops up.
 - 3) Type the actual length that the line represents and choose the appropriate unit, which will set a new scale ratio.
 - 4) (Optional) If you already have the correct scale ratio, directly define the measurement value and choose the appropriate unit in the **Scale Ratio** group.
 - 5) Then in the **Scale Ratio** group or the pop-up **Calibration** dialog box, click **Store Scale in Page** to apply the new scale ratio to the current page, or click **Apply to All Pages** to apply it to all pages. The new scale ratio will be embedded into the page or all pages respectively, replacing the original embedded scale ratio.

- 6) As the scale ratio is embedded into the document, the measurements in the document change accordingly.
 - With the **Use Scale and Units From Document (When present)** option unselected, directly define a custom scale ratio in the **Scale Ratio** group, or click **Calibrate** in the **Scale Ratio** group to define a new scale ratio. The defined scale ratio will only be applied to the current page.
- By default, the measurement results, measurement markups, and rulers will be shown in Foxit Reader. To hide this information, please uncheck the relevant option(s) under the **Setting** group.
 - Show result information: shows the measurement results (including current measurement, delta values, and scale ratio) on a small panel in Foxit Reader.
 - Measurement markup: shows the line you draw as a comment. When this option is checked, you can add a label to measurement markups either by using the one specified in [measuring preferences](#) or inputting a new one in the **Add Label** box. The label for Distance markup will be shown in the distance measurement line, while the label for Perimeter and Area markups will be shown in their pop-up notes. When you put the pointer over the measurement markups with the Hand command selected, you can also view the measurement result and label.
 - Rulers: shows the rulers on the page.
- Snap: While measuring objects, you can choose any of the options to snap to a particular point along an object for more accurate measurements.
 - Snap to Endpoints : snap the measurement to the endpoint of a line.
 - Snap to Midpoints : snap the measurement to the midpoint of a line.
 - Snap to Paths : snap the measurement to the nearest point on the path.
 - Snap to Intersections : snap the measurement to the intersection point of two paths.
- Choose **Export to Excel** to save all the measurement information in your PDF to a CSV file.

Working on the Measurement Markup

After you complete the measurement, you are able to do further operations; such as move, resize, flip, and even work on it the way you work on comments.

Moving the Measurement Markup

- With the Hand command  or Select Annotation command  selected, click the measurement markup you want to move.
- Place the cursor over the object when the pointer changes into , hold and drag the

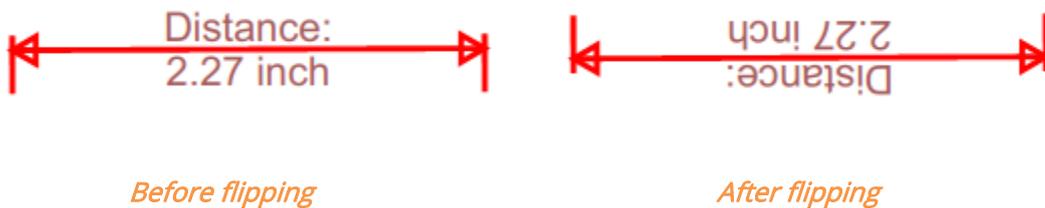
mouse to move it to the intended place.

Changing the Length and Orientation of the Line Segment

- With the Hand command  or Select Annotation command  selected, choose one of the resize corners , and you will see the pointer change into  .
- Hold and drag the mouse to change the length and orientation of the line segment.

Flipping the Measurement and Annotation

You can reverse measurement and annotation of the object you draw.



To flip the measurement and annotation of the object, do the following:

- Select the Hand command  or Select Annotation command .
- Right-click the object you draw > select **Flip**.

Adding, editing, moving, or deleting the measurement label

Measurement labels will be added and shown in the measurement markups as you specified in [Measuring Preferences](#) or as what you set while adding a [measurement markup](#). If a measurement markup does not contain a label, you can easily add a label to it with Foxit Reader. For existing labels, you can also edit, move, or delete them. Steps are as follow:

- Select the Hand command  or the Select Annotation command .
- To add a label to a measurement markup without label: right-click the measurement markup > select **Add Label** > input the label > click **OK**.
- To edit an existing label: right-click the measurement markup > select **Edit Label** > input the label as desired > click **OK**.
- (For distance measurement markup only) To move the label as well as the measurement result shown on the distance measurement markup: click on the text shown on the markup to activate the text cursor  > drag the label directly to a desired position.
- To delete a label: right click the measurement markup > select **Delete Label**.

Working on Measurement Markups as Comments

The measurement markups can also be used as comments. You can set the status, open pop-up notes, delete them, reply to the markups, change the properties, and set the current properties as default.

Note: To show measurement markup and the measurement results, right-click on the object you draw, and choose **Properties** > **Appearance** > then check **Show text in line**.

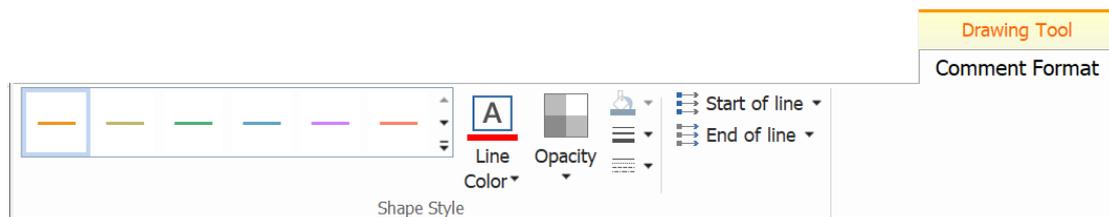
For information on how to work on the objects as comments, please refer to the corresponding section of [“Chapter 5 – Comments”](#).

Change the appearance of measurement markups

Foxit Reader provides two ways to change the appearance of measurement markups: through the **Comment Format** context tab and via the **Properties** dialog box. If you change the appearance through the **Comment Format** context tab, Foxit Reader will save the properties and apply them to any new measurement markups as well. If you change the appearance via the **Properties** dialog box and do not check **Set Current Properties as Default** option in the dialog, Foxit Reader will only apply the properties to your currently selected markup.

Change the appearance through the Comment Format context tab

- Select the Hand command  or Select Annotation command .
- Click the measurement markup that you want to change the appearance, and then the **Comment Format** context tab will appear on the ribbon.

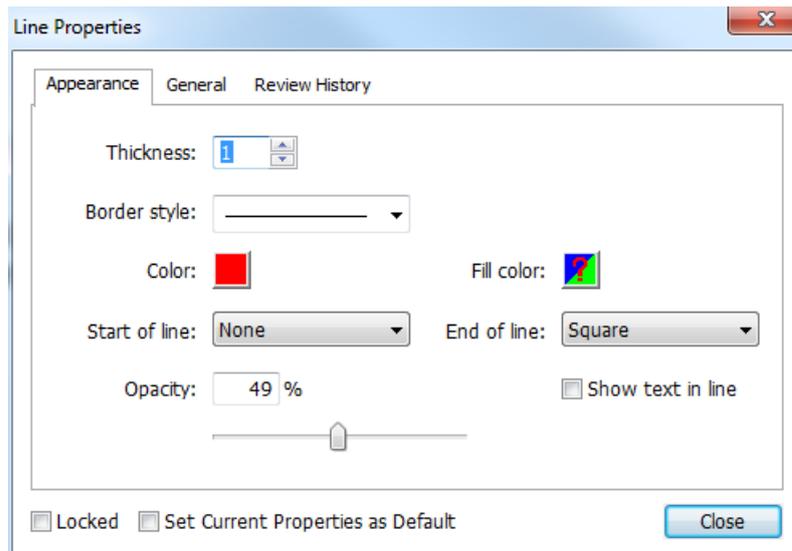


- Do any of the following as needed:
 - Change the line color: Select one of the preset colors from the box, or click **Line Color** and then choose a desired color from the color palette.
 - Change the opacity: Click **Opacity**, and then drag the slider to change the opacity.
 - Set the fill color: Click the fill color button , then choose a desired color from the color palette.
 - Change the line width: Click the line width button , and then select a desired value.
 - Change the dash type: Click the dash type button , and then select a dash type as needed.

- Change the shape for the start/end of the line: Click **Start of line** or **End of line**, and then select a desired shape.

Change the appearance via Properties dialog box

- Select the Hand command  or Select Annotation command .
- Right click the measurement markup that you want to set the appearance, and then select **Properties** from the context menu.



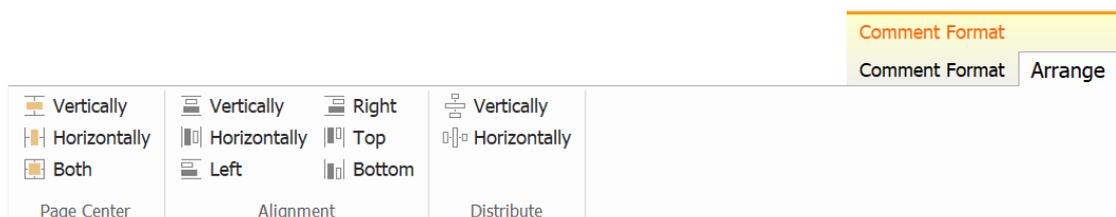
- Follow the steps specified in [“Changing the Appearance for Drawing Markups”](#).

Arrange the measurement markups

You can arrange the measurement markups by two methods: through the **Arrange** context tab or via the context menu.

Arrange the measurement markups through the Arrange context tab

- Select the Hand command  or Select Annotation command .
- Click the measurement markup that you want to arrange, and then the **Arrange** context tab will be called out.



- To center the measurement markups:
 - Select the measurement markup to be centered.
 - (If needed) Press Ctrl (or Shift) and click the measurement markups to select multiple measurement markups.
 - Choose **Page Center > Vertically/Horizontally/Both** to center the objects vertically, horizontally, or both on the page.

- To align the measurement markups:
 - Select two or more measurement markups that you want to align.
 - Choose **Alignment > Left/Right/Vertical** to align a column of measurement markups.
 - Choose **Alignment > Top/Bottom/Horizontally** to align a row of measurement markups.

Note: When you select the measurement markups, the solid border handles will show up for the anchor markup, which is the last measurement markup you selected. The selected measurement markups will be lined up with the edges of the anchor measurement markup.

- To distribute the measurement markups:
 - Select three or more measurement markups you want to distribute.
 - Choose **Distribute > Vertically** or **Horizontally**.

Arrange the measurement markups via the context menu

- Select the Hand command  or Select Annotation command .
- Right click the measurement markups, and then do one of the following:
 - Choose **Align > Left/Right/Vertically** to align a column of measurement markups, or **Align > Top/Bottom/Horizontally** to align a row of measurement markups. The Align options are available when you select two or more objects.
 - Choose **Center > Vertically/Horizontally/Both** to center the measurement markup(s) on a page.
 - Choose **Distribute > Vertically/Horizontally** to distribute them. This function is available when you select three or more objects.

Note: When you right click one of the selected measurement markups, the solid border handles will show up, indicating that it is the anchor markup. The selected measurement markups will be lined up with the edges of the anchor measurement markup.

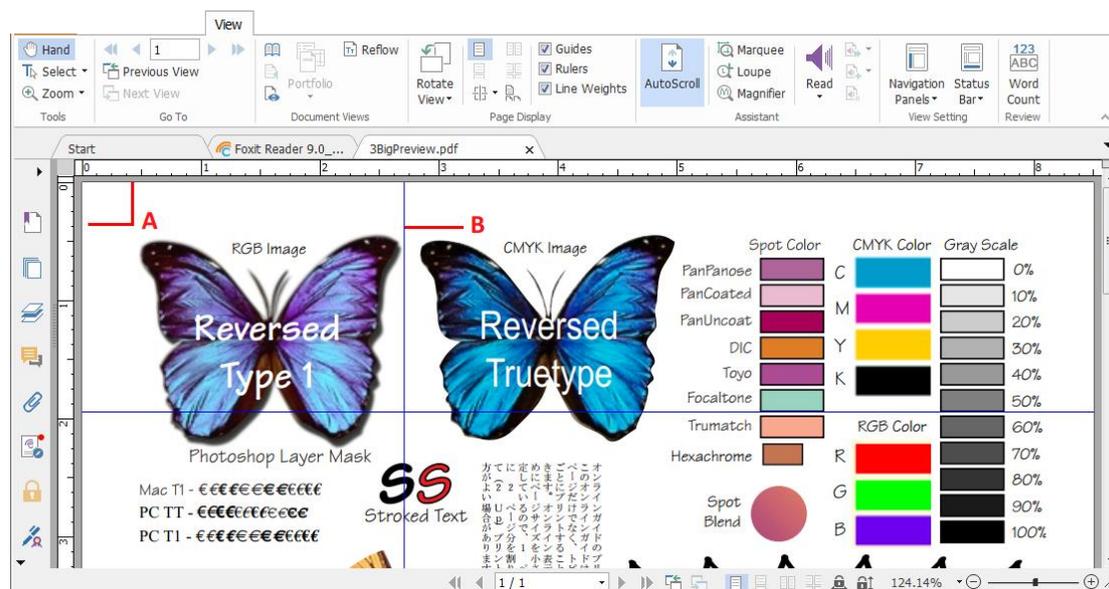
You can also refer to "[Working with Multiple Images](#)" for more details.

Switching between Basic Commands

The Foxit Reader Basic Toolbar consists of the Search, Hand, Select Text and Image, Snapshot, Typewriter, and other editing commands. You can switch between these basic modes by choosing commands on the tab bar or clicking the individual icons on the toolbar. Only one mode can be chosen each time, and they cannot be used simultaneously.

Using Rulers & Guides

Foxit Reader provides horizontal and vertical ruler guides to help you align and position text, graphics, or other objects on the page. They can also be used to check the size and the margins in a document.



Rulers & Guides

A. Rulers **B. Guides**

Displaying Rulers

Please choose **View** > check **Rulers**.

Hiding Rulers

Please choose **View** > uncheck **Rulers**; or right-click the horizontal or vertical ruler, and then choose **Hide Rulers**.

Creating Ruler Guides

Do one of the following:

- Drag down from the horizontal ruler to create a horizontal guide, or drag to the right of the vertical ruler to create a vertical guide.
- Double-click a location on the horizontal ruler to create a vertical guide, or double-click a location on the vertical ruler to create a horizontal guide.

Moving Ruler Guides

Click and hold the guide, and then drag it to a new location.

Changing Unit of Measurement

Right-click the horizontal or vertical ruler and select a measurement system for the rulers.

Deleting Ruler Guides

- To delete a guide, click the guide to select it, and then press the **Delete** key.
- To delete all guides on a certain page, scroll to the page, right-click in the ruler area and choose **Clear Guides on Page**.
- To delete all guides, right-click in the ruler area and choose **Clear All Guides**.

Undoing and Redoing

Foxit Reader allows you to undo and redo previous actions. These features allow you to easily correct mistakes by cancelling the last action made or filling back in the previous actions with Undo. You can undo as well as redo any editing applied in the PDF documents, which includes commenting, advanced editing, and changes made to the document.

Note: You cannot undo or redo actions of bookmark editing.

To undo previous actions, do one of the following:

- Select the **Undo** button  on the Toolbar.
- Press shortcut key Ctrl + Z.

To redo previous actions, do one of the following:

- Select the **Redo** button  on the Toolbar.
- Press shortcut key Ctrl + Y.

Sharing Documents

E-mailing Documents

E-mailing and sharing documents is a common business practice. Foxit Reader allows users to collaborate (through powerful annotation capabilities) and share PDF documents with co-workers and friends. You may save and e-mail straight from the application. To e-mail a PDF file, please do the followings:

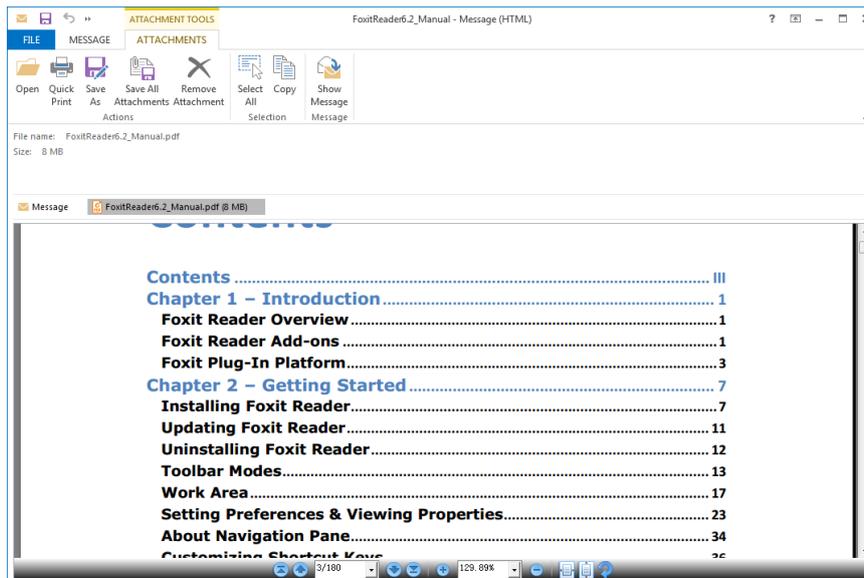
- Choose **Share > Email > Email Current Tab** (Email the PDF file that you are currently reading) or **Email All Open Tabs** (Email all the PDF files that have been opened in Foxit Reader).
- System default e-mail application runs.
- The PDF(s) will be attached in the e-mail automatically, and the current PDF file name will be the email subject.
- Type the subject and e-mail address > click **Send**.

By default, while emailing PDF files, Foxit Reader will automatically save the changes you made to the file and attach the modified PDF file to your email system. You can change this default setting and choose to email an unsaved or saved file.

To change the default email setting, please go to **File > Preferences > Documents**, and uncheck the **Automatically save document as e-mail attachment** option under **Prompt Messages**.

Preview in the Outlook

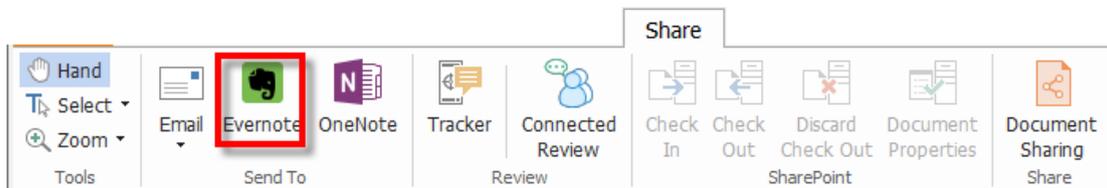
Foxit Reader enables you to preview a PDF attachment in Outlook. When an e-mail in Outlook has a PDF document, it will be displayed in the e-mail pane. The status bar of Foxit Reader will be displayed at the bottom of the e-mail pane, which provides the basic viewing commands for easy reading; this includes Go To commands, Zoom commands and the Rotate command.



Sending Documents to Evernote

Directly send PDF documents to Evernote as an attachment.

- Prerequisites – You will need to set up an Evernote account from <https://www.evernote.com/Registration.action>.
- Download and install – <https://evernote.com/intl/en/download>.
- Open a PDF file.
- Choose **Share > Evernote** .



- You will see that the current PDF document is attached in Evernote.

Sending Documents to OneNote

You can send your PDF document to OneNote quickly within Foxit Reader after edits.

- Open and edit the document with Foxit Reader.
- Save the changes and then click **Share > OneNote**.
- Select a section/page in your notebooks, and click **OK**.
- In the pop-up dialog box, choose **Attach File** or **Insert Printout** to insert your document to the selected section/page in OneNote.

SharePoint Integration

Foxit Reader is integrated with Microsoft SharePoint, which helps you better manage and share PDFs. You can access PDFs in a SharePoint repository by doing any of the following:

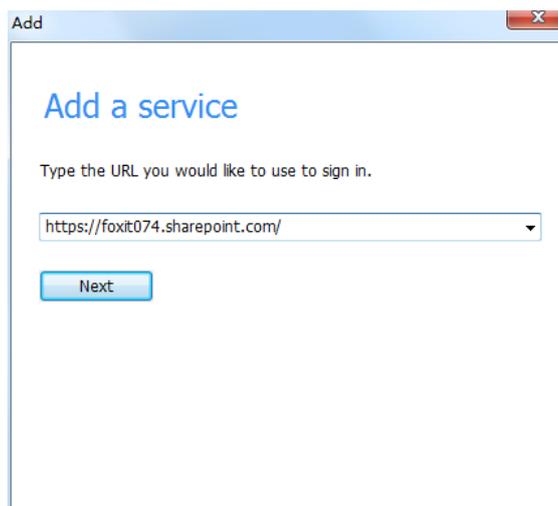
- Open a PDF file in the SharePoint mapped drive by the **Open** dialog box within Foxit Reader. You can open and check out a PDF, modify it; and then check in and save it to the SharePoint network drive.
- You can also use Foxit Reader's **Open** or **Save As** dialog box to manage your PDFs in your SharePoint repository, depending on whether the SharePoint repository is online or on-premise. For more details, please refer to [Open and Save As PDFs with Foxit Reader](#).
- Directly check out and check in PDFs in your SharePoint repository on SharePoint on-premise) using SharePoint's web interface in a browser after configuring your server. Please double click the attached SharePoint Configuration  to configure your server first. More details please refer to [Open and Save As PDFs with a Browser](#).

Open and Save As PDFs with Foxit Reader

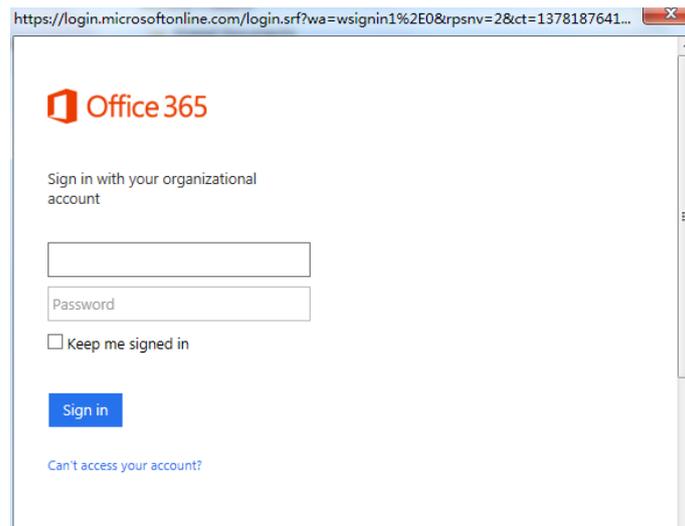
Open PDF files in a SharePoint repository

To open PDF files in a SharePoint repository, please do the following: (Take opening PDFs in a SharePoint repository on SharePoint online for example)

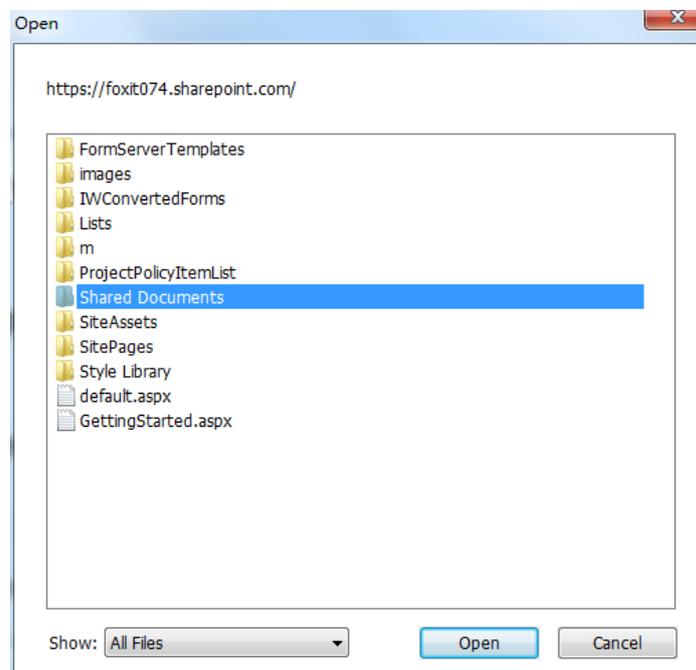
- Run Foxit Reader and choose **File > Open > Add a place**  **> SharePoint** . In the **Add** dialog box, type the SharePoint URL to sign in and click **Next** to continue.



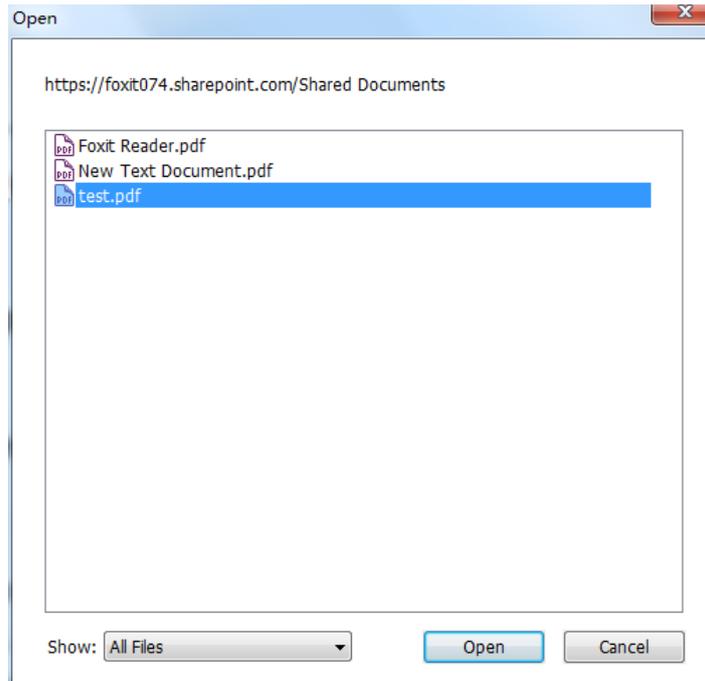
- In the pop-up dialog box, enter the email address and the password to sign in.



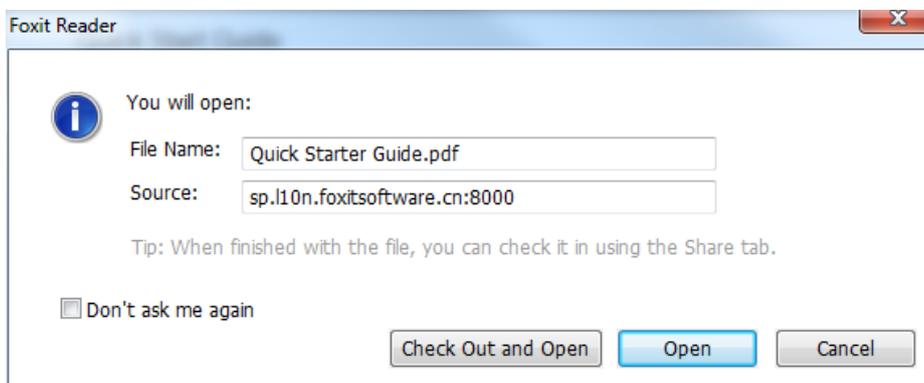
- In the **Open** dialog box, select the **Shared Documents** folder and click **Open**.



- Choose the PDF file you want to open and click **Open**.



- In the **Foxit Reader** dialog box, if you choose **Check out and Open**, other users cannot edit the PDF at the same time; if you only choose **Open**, others can modify the PDF as well when you are editing. If needed, you can check **Don't ask me again** so that Foxit Reader will remember your selection and save it as the default way to open a file from the SharePoint server. Once checked and applied, **Foxit Reader** dialog box will not show up the next time you open a file from the SharePoint server. To change the default way, please refer to "[SharePoint](#)".

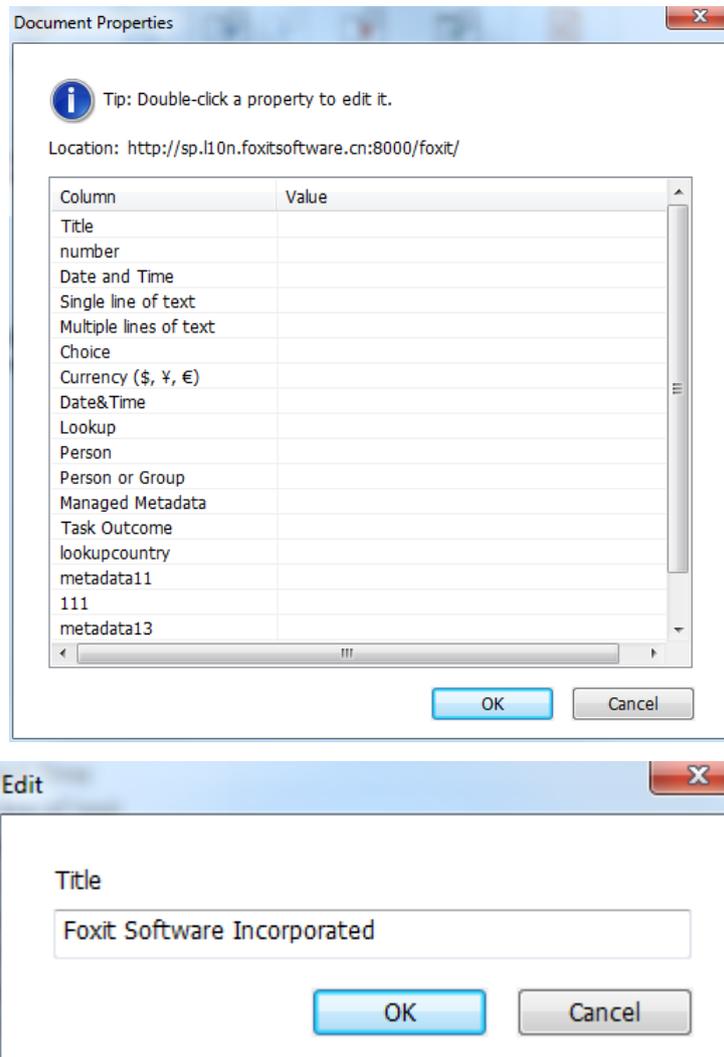


- (Optional) If you want to cancel the Check out status, please go to **Share > Discard**

Check Out

- Edit the PDF according to your requirements.
- To check and set the PDF properties, please do as the following steps:
 1. Please go to **Share > Document Properties**
 2. In the **Document Properties** dialogue, you will find the file path and document properties. You can select the file path to copy and paste it, if necessary. To edit a document property, double-click the column name, and edit the value in the Edit

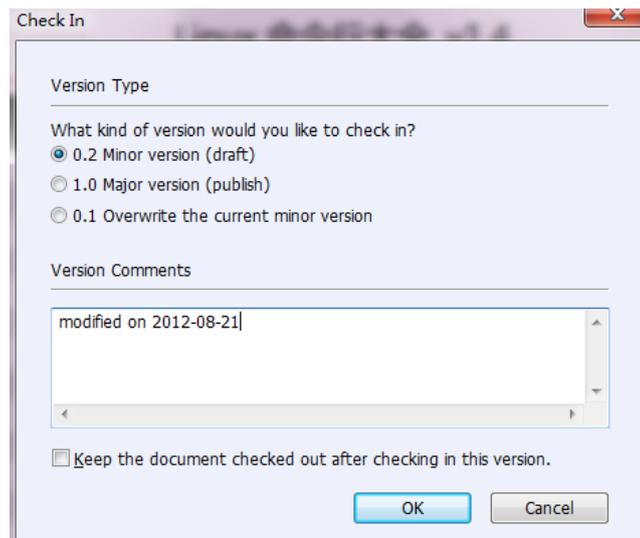
text box. For example, double-click **Title**, the Edit text box will pop up, type the content you want and click **OK** to finish the editing.



- Go to **SharePoint > Check In**.

In the Check In dialogue box, select a version number for the modified document along with the appropriate version comments. To not allow other people to modify the document, you can check **Keep the document checked out after check in this version**.

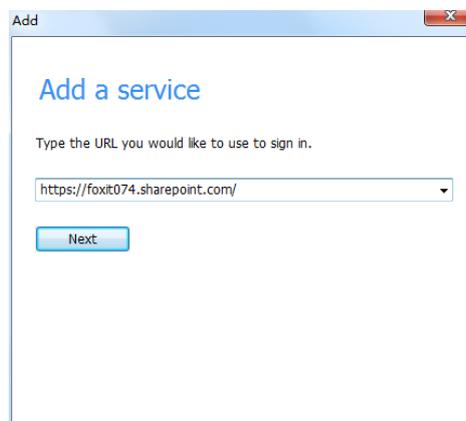
- Click **OK**, the modified PDF will be loaded to the server automatically.



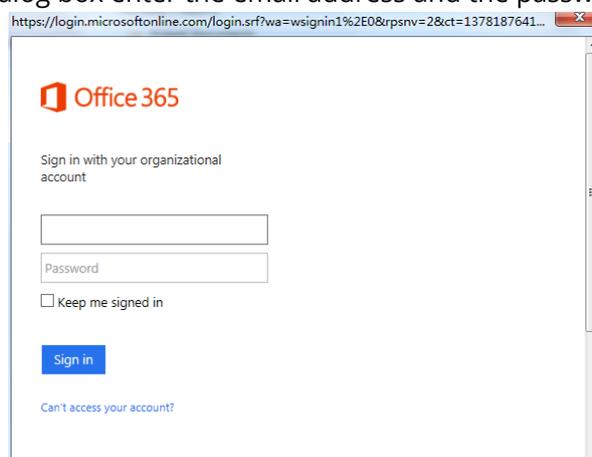
Save as PDF files to a SharePoint repository

To save as PDF files to a SharePoint repository, please do the following: (Take saving as PDFs to a SharePoint repository on SharePoint online for example)

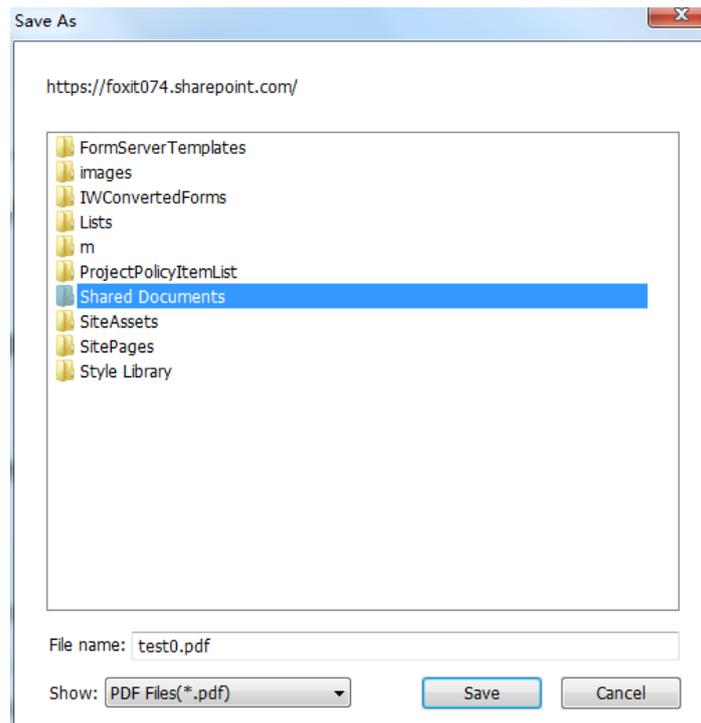
- Choose **File > Save As > Add a place**  **SharePoint** . In the **Add** dialog box, type the SharePoint URL to sign in and click **Next** to continue.



- In the pop-up dialog box enter the email address and the password to sign in.



- In the **Save As** dialog box, select the **Shared Documents** folder and click **Save**.



Open and Save As PDFs with a Browser

To work on PDFs in your SharePoint repository on SharePoint on-premise with a browser, you just need to log on to your SharePoint web portal, navigate to a PDF and click it. You will be prompted whether to check out and open the PDF. See also [Check Out and Open](#). Then you can check in to save it back to your SharePoint repository.

*Tip: If you need to save to your local folder, after editing the PDF you can click **File > Save***

As > Computer  and choose a local folder to save.

Alfresco Integration

Alfresco is a popular ECM (Enterprise Content Management) platform, providing robust document management capabilities. Foxit Reader users can seamlessly connect to their Alfresco accounts to open, edit and save PDF documents.

Open and save documents in Alfresco

- Run Foxit Reader and choose **File > Open > Add a place > Alfresco**. In the **Alfresco Login** dialog box, sign in your Alfresco account.
- In the **Open** dialog box, select a document from a repository.

- Click **Open** or **Check Out and Open** to open the document. If you choose **Check out and Open**, other users cannot edit the PDF at the same time; if you only choose **Open**, others are able to modify the PDF at the same time when you are editing.
- When you open a document, the **Alfresco** context tab appears on the ribbon. You can click **Check Out** to check out the open document, or click **Discard Checkout** to cancel the Check Out status. If you check out the document, after editing it, you can click **File > Save** to save the changes to your Alfresco account, or click **Check In** to save the document as a new version back to your Alfresco account.
- If opening a document without checking out, you are allowed to modify the description of the document in the Document Properties dialog box which pops up when you click **Document Properties** in the **Alfresco** context tab.

Epona DMSforLegal Integration

Within Foxit Reader, you can open, modify, and save PDF documents on Epona DMSforLegal.

Open PDFs on Epona DMSforLegal

1. Click **File > Open > Add a place > DMSforLegal**. Before using Foxit Reader to open PDFs on Epona DMSforLegal, you are required to install Epona DMSforLegal client in your system if you haven't.
2. (Optional) If you have added Epona DMSforLegal in Foxit Reader before, the **DMSforLegal** item will be listed under the **Open** menu, and the **DMSforLegal** context tab will be displayed. You can click **File > Open > DMSforLegal > Browse** to open a file from Epona DMSforLegal.
3. In the **DMSforLegal Open** dialog box, select the document you want to open, and click **OK**.
4. Choose how you want to open the PDF document:
 - **Check Out and Open**: Open the PDF file and check it out so that others cannot modify the PDF when you are working on it.
 - **Open**: Open the PDF file without checking out.
 - (Optional) If necessary, check **Don't ask me again** so that Foxit Reader will remember your selection and save it as the default way to open a file from the Epona DMSforLegal. Once checked and applied, **Foxit Reader** dialog box will not show up the next time you open a file from the Epona DMSforLegal.

Check In, Check Out, and Discard Check Out a PDF File on Epona DMSforLegal

To change the status of a PDF file opened from Epona DMSforLegal, please select the

DMSforLegal context tab, and choose any of the following option as desired:

- **Check In:** Check in the PDF document that you have currently checked out, and save it on Epona DMSforLegal. While checking in the PDF document, select a version number for the modified document and type the appropriate version comment in the **Check In** dialog box. To prevent other users from modifying the document, check **Keep the document checked out after checking in this version** option in the **Check In** dialog box.
- **Check Out:** Check out the PDF document from Epona DMSforLegal library. A checked-out PDF document cannot be edited by other users.
- **Discard Check Out:** Check in the PDF document that you have currently checked out, discarding any changes you have made to the document.

Check and Edit the Document Properties

To check the document properties of a PDF file opened from Epona DMSforLegal, go to **DMSforLegal** context menu, and choose **Document Properties**. The **Document properties** dialog box will pop up for you to view and edit the document properties.

Save a PDF File on Epona DMSforLegal

- Click **File > Save** to save and replace the original document on Epona DMSforLegal.
- Go to **File > Save As > DMSforLegal > Browse**, and follow the DMSforLegal onscreen instructions to save it as a new document on DMSforLegal.

Signing PDFs

Foxit Reader provides robust, secure and quick signature features, including DocuSign, quick PDF sign, and digital signature.

Signing PDFs on DocuSign®

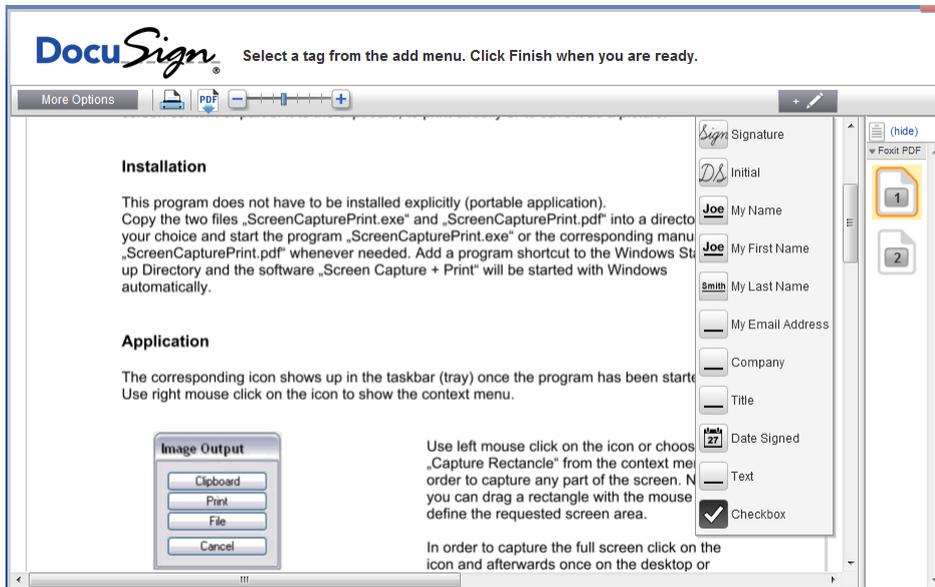
Foxit Reader allows users to easily send, sign and save PDF documents and forms using the industry's most widely used eSignature solution.

Signing a PDF File

Sign a PDF on DocuSign, please refer to the following steps:

- Choose **Protect DocuSign** .
- Choose **Login to DocuSign**. Type your Email account and password of DocuSign and click **Login**. If you do not have an account, please sign up first.

- Click the **DocuSign** button  and choose **Sign with DocuSign**. The application will upload your PDF to DocuSign and you will enter into the DocuSign user interface.



- Signing the Document

- Sign directly

- Click  on the right of DocuSign Interface.
- Choose a template you prefer and click on the document where you want to put the signature.

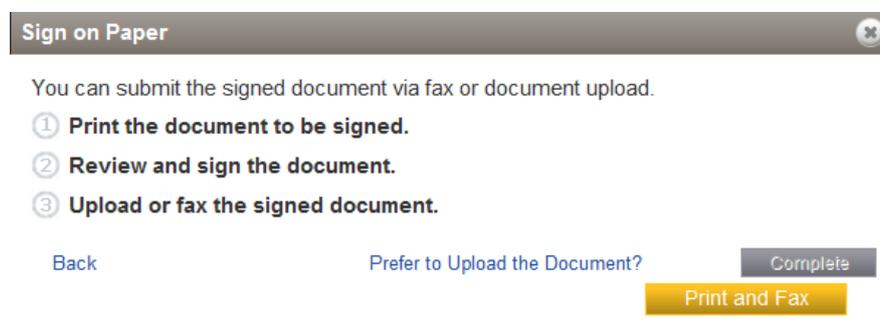
Note:

- You should visit the DocuSign website if you want to change the signature template. See [Changing signature template](#) for details.
- On the drop-down menu of Sign tool , you can choose to sign document with your initial, name (first name or last name), company, title or email address. Signing the document with the date signed or with a checkbox is also available, as shown below:



2. Sign on paper :

If you want to sign on paper, please click **More Options** on the left side and select **Sign on Paper**. The **Sign on Paper** dialog box will pop up.

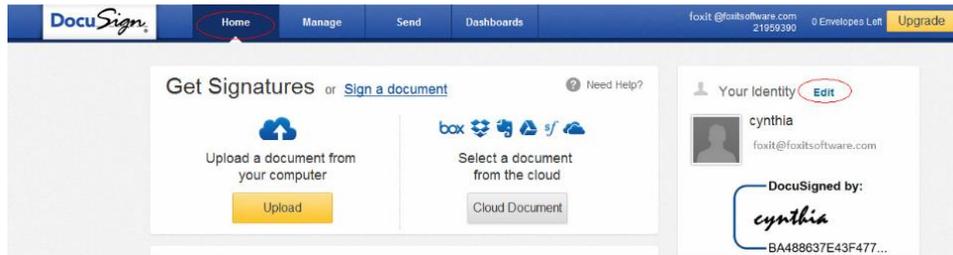


3. Sign Later

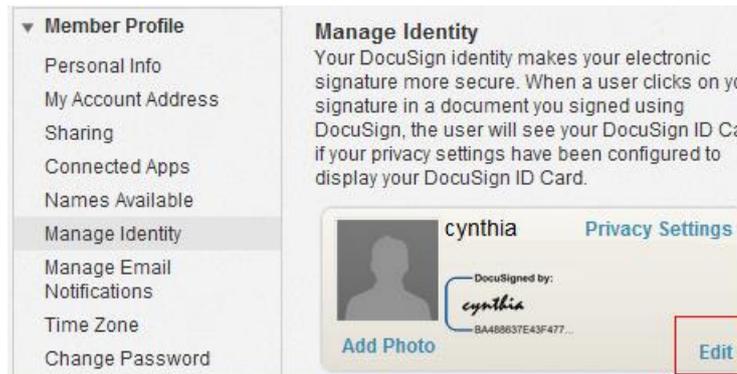
If you do not want to sign the document right now, you can click  Finish Later on the drop-down menu of **Options**.

- Changing signature template

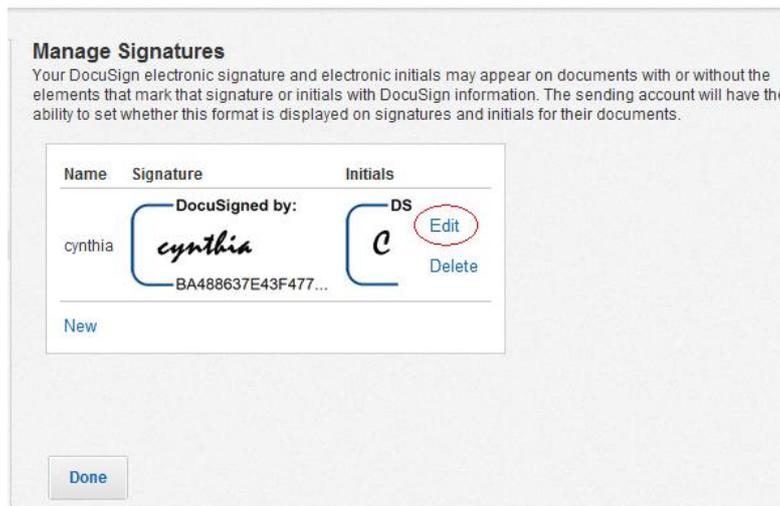
- Visit the DocuSign website (www.docusign.net) first.
- Click **Edit** beside **Your Identity** under **Home** menu.



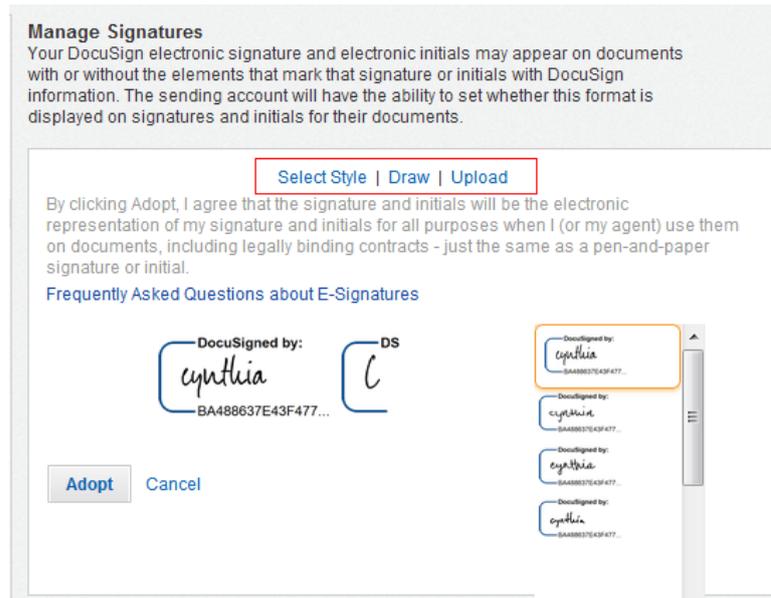
- Click **Edit** in **Manage Identity** to open **Manage Signatures** window.



- In the **Manage Signatures** window, click **Edit** to change the signature template.



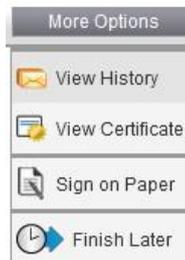
- ✧ Select Style: select a style as your signature template.
- ✧ Draw: draw a signature template using your input device.
- ✧ Upload: you can upload an image as your signature template.



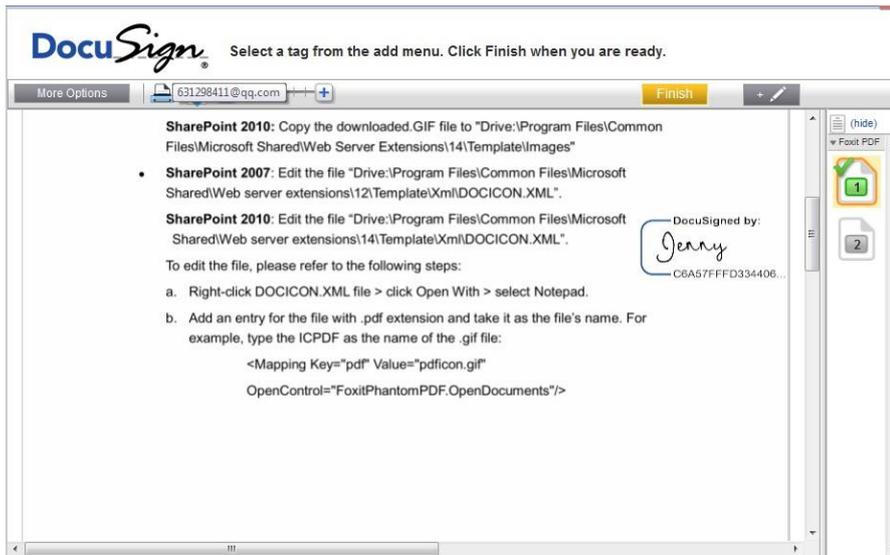
- Click **Adopt** to complete the setting.

- More Options

On DocuSign user interface, click **More Options**, you can view history, certificate, choose to sign on paper or finish later, as shown below:



- Drag the button  can zoom in/out the file.
- Click the page number listed on the right to jump to the target page you want to place the signature.
- Click the signature button  to open the signature pane. Choose the signature template and drag it to the desired location. You can place several templates at the same time.
- Click the button  at the top right corner of the textbox to delete the signature.
- Click **Finish** to complete signing. You can preview the signed PDF.



- Select the **Download** button  or **Print** button  to get the PDF with signature.
- Select the **DocuSign** button  and choose **Logout from DocuSign**.

Sending a PDF via DocuSign

- Open a PDF you want to send with Reader.
- Click **DocuSign** button  and choose **Send via DocuSign**.
- Login to the website.
- Choose the signature template from the left signature list and drag it to the location where you want the recipients to sign.
- Select the signature and click  to set the signature properties.
- Edit the signature with the tools on the toolbar.
- Click the button to add the recipients address.
- Click the button to edit the email subject line and content.
- Click **Send** to send the PDF.

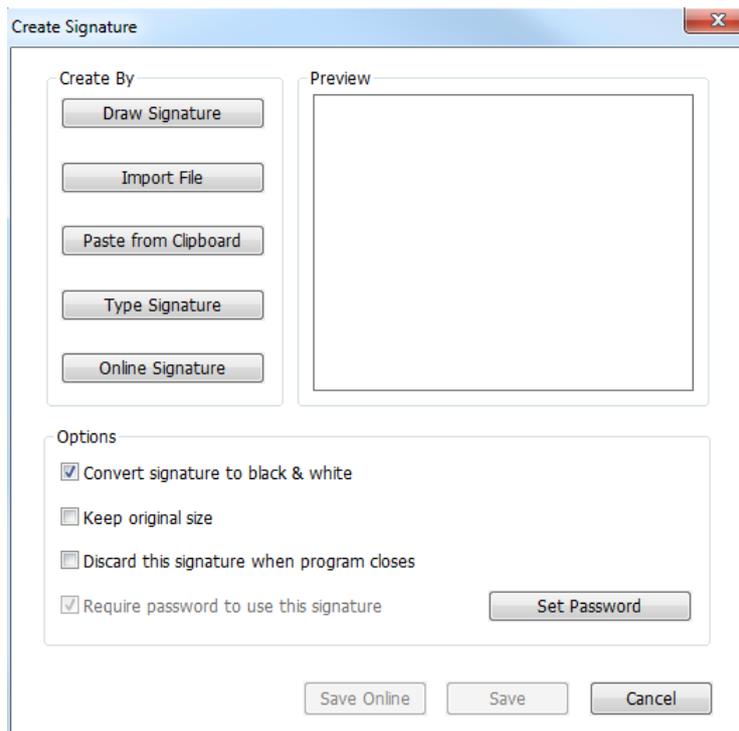
Quick PDF Sign

PDF Sign enables you to create your self-signed signatures and add the signature to the page directly. You don't need to create different signatures for different roles or other complicated settings.

Create and apply signatures on the document

To create your own handwriting signature and sign a PDF, follow these steps.

1. Choose **Fill & Sign**.
2. Click ; or click  in the Signature box, and choose **Create Signature**.
3. In the **Create Signature** dialog box, choose one of the following ways to create a signature:



- **Draw Signature:** Draw your signature in the **Draw Signature** box, and click **OK** upon completion.
 - **Import File:** In the **Open** dialog box, select an image or PDF file as your signature, and click **Open**. If you select a PDF file which contains multiple pages as your signature, scroll the side bar to select a page you preferred from the document in the pop-up Signature dialog box, and click **OK** to confirm.
 - **Paste from Clipboard:** Use the image from the clipboard as your signature.
 - **Type Signature:** In the **Type Signature** dialog box, type your signature in the **Type signature** field > choose a font style from the font list > click **OK**.
 - **Online Signature:** Choose a signature from the online signatures you saved before.
4. If necessary, check the following options:
 - **Convert signature to black & white:** This option is checked by default, which enables you to convert the colored images to black and white signatures. Uncheck this option to create a signature from an image with its original colors.
 - **Keep original size:** This option is available when you choose to create your

signature from file or clipboard. Check this option to keep the original size of the image when adding signatures.

- **Discard this signature when program closes:** Check this option to automatically delete the signature when Foxit Reader is closed.
- **Require password to use this signature:** Check this option and click **Set Password** to set a password for the signature. Once set, you will be required to input the password before applying the signature.

Tip: Sign your signature on a clean white sheet of paper using a black pen, and then scan it as an image file. To create the best signature, you should scan your signature in monochrome at 600 DPI.

5. (Optional) Click **Save Online** to save the newly created signature to Foxit ConnectedPDF Web Services, which allows you to sign documents.
6. Click **Save**.
7. Click the place you want to sign, or drag a rectangle to define the size and placement. After adding the signature, do any of the following, if necessary.
 - To resize the signature, drag the small red square on the lower right corner of the rectangle. After resizing the signature, you can right-click the signature and choose **Set Current Size as Default** to set the size as default so that Foxit Reader will remember and apply the same size when you add the same signature in the future.
 - To move the signature, drag the rectangle directly to the desired place.
 - Before applying the signature, you can right-click the signature and choose relevant options from the context menu to copy, cut, paste, or delete the signature.
8. You can do one of the following to apply the signature to the document as required:
 - To apply a single signature to the document: right click the signature and select **Apply Current Signature**.
 - To apply the signature to multiple pages: right click the signature, select **Place on Multiple Pages**, and then specify the page range that you want to place the signature on.
 - To apply all the signatures: place the signature to each desired position on the page, and click  or  to check the previous or next signature if necessary. After checking, select **Apply All Signatures** under the **Sign** group of **Fill & Sign** tab, and confirm the application. If you are applying the signatures with Foxit Reader for the first time, Foxit Reader will prompt you regarding the PDF sign settings. You can change the settings in **Preferences > PDF Sign**.

Notes:

1. Once applied, the signature can no longer be edited or deleted.
2. You can check the **Keep Tool Selected** option in **Fill & Sign** tab to keep the signature tool as selected so that you can add the same signature continuously.

Manage signatures

To manage the signature, do the following:

- Choose **Fill & Sign**.
- Click  in the Signature box, and choose **Manage Signature**.
- In the **Manage Signature** dialog box, select an existing signature, and choose the option to manage it as desired.



Digital Signature

A digital signature acts as a traditional handwritten signature that can be used to authenticate the identity of a user as well as the document content. It stores information about the signer along with the date, time, and state of the document when it was signed.

About Digital ID

Digital ID is the identity of a person/organization, which contains your name, Email address, a serial number, an expiration date, and the name of the company. A digital ID contains two keys, one is a public key (certificate) that is used to encrypt or lock data, and the other is a private key that is used to decrypt or unlock data that is encrypted.

You can distribute the certificate that contains the public key and other identifying information to those people who need to use it to verify your identity, validate your signature, or encrypt a document for you. Only your private key can unlock information that was encrypted using your certificate, so make sure to store your digital ID in a safe place.

You can not only obtain a digital ID from a trusted third-party provider called a Certificate Authority (CA) but also create a self-signed digital ID with Foxit Reader. Digital IDs are usually protected by password; you can store it on a computer in PKCS#12 file format, or

in the Windows Certificate Store. All the digital IDs available on the computer are listed in the Digital IDs window. You can choose **Protect > Digital IDs** to check the digital IDs list. In the **Digital IDs** window, you can also view the certificate details, add or remove a digital ID, and export a digital ID to an FDF, PKCS, or CER file.

For company-wide deployment, IT managers can also use the SignITMgr tool to configure which digital ID file is allowed to sign PDF files by users across an organization. Steps are as follow:

1. Create or install the digital ID file on your computer.
2. Click [here](#) to download SignITMgr tool, and open it.
3. You will find that the digital IDs you installed in your computer are listed in the **SignITMgr** window. In the window, do the following:
 - ✧ Check the digital ID file that is allowed to sign a PDF file, click **Generate Configure File**, and save the file.
 - ✧ If you want to change the setting which you have configured before, click **Load Configure File** to open the configuration file. Then check the digital ID file that is allowed to sign a PDF file, and click **Generate Configure File** to generate and save the modified configuration file.
4. After generating the configuration file, place it in "C:\Users\USERNAME\AppData\Roaming\Foxit Software\Foxit Reader\Signature".

When IT manager has configured it completely, users can only use the specified digital ID(s) to sign PDF files, and will not be allowed to create a new ID.

Tip: The "Signature" folder is automatically created the first time users sign a PDF file with a digital ID. If it is not found in the specified folder, please create it manually.

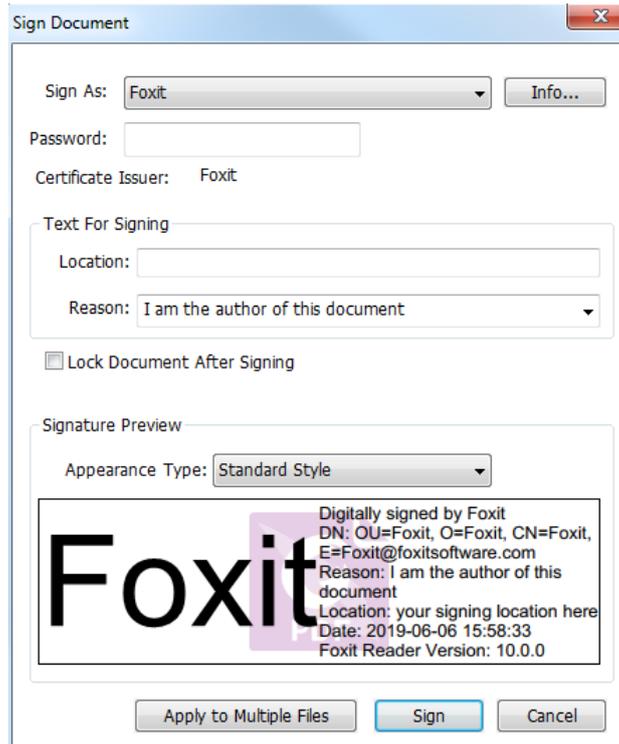
Place a signature

Before you sign a document, you need to draw a signature field where the signature is placed, get a digital ID, and create the signature.

1. Choose **Protect > Sign & Certify > Place Signature**.
2. Press and hold the mouse button down, and then drag the cursor to draw a signature.
3. In the **Sign Document** dialog box, choose a digital ID from a drop-down menu. If you can't find the specified digital ID, you will need to get a certificate from the third-party provider or create a customized digital ID.
4. (Optional)To create a customized digital ID, choose **New ID** from drop-down menu. In the **Add Digital ID** dialog box, choose **A new digital ID I want to create now**, and click **Next**. In the next step, select the location to store the digital ID file. Click **Next** to type your identity information such as name, organization unit, e-mail address, etc. to be used when generating the self-signed certificate. In **Use Digital ID for**, choose one option as needed. Click **Next** to specify the storage location and password for your

new digital ID file. Confirm your password and click **Finish**. The **New ID** option will not be available if the IT manager has [configured and restricted digital IDs to sign PDF files](#) across the company.

5. Choose an appearance type from the menu. There are two types to choose, one is **Standard Style**, and the other is to **Create New Style** for your signature. Please refer to [Creating signature appearance](#). You can view your signature in **Signature Preview** panel.
6. Input the text or select an option from the drop-down list to specify your location and reason to sign the document in the **Text For Signing** group. Please note that **Location** and **Reason** fields are available only when the signature is defined to include the corresponding option in its appearance type. For the **Reason** field, Foxit Reader will save your custom reasons for you to choose from the drop-down list easily in future uses.
7. Do any of the following to sign PDF files:
 - To sign the currently opened PDF file, click **Sign**, and then specify the location and file name to save the signed document.
 - To sign multiple PDF files, click **Apply to Multiple Files**. In the pop-up **Sign Multiple Documents** dialog box, do the following:
 - ✧ Click **Add files**, and choose **Add Files**, **Add Folder**, or **Add Open Files** to add files, folders or opened files that you want to sign with the same digital signature.
 - ✧ By default, the document will be signed in a sequence as they are ordered in the **Sign Multiple Documents** dialog box. You can adjust the order of files by its name, modified time, or size by clicking the corresponding column name. Alternatively, drag and drop the file in the list to adjust its order. Select a file and click the **Remove** button to delete it, if necessary.
 - ✧ Click **Output Options** to specify the output folder and file name for the signed PDF document.
 - ✧ Click **Sign Immediately**. And then Foxit Reader will sign your PDF documents with the same digital signature at the same location as your current document, and saved the signed documents in the folder you specified.



Note: When you choose a password protected digital ID to sign PDF files, you will be required to input the password when applying the signature. By default, an opened document will be signed immediately after you place the signature and then you will not be able to move or resize it. To change the setting, please uncheck the **Sign the document immediately after the signature is placed** option in **File > Preferences > Signature**.

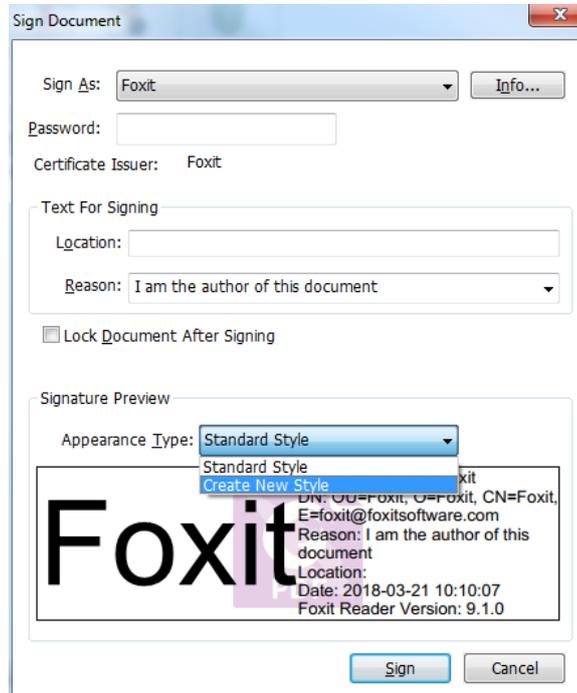
Create signature appearance

You can set the appearance of your digital signature by selecting different options in **Sign Document** dialog box. For example, a signature can include an image of your handwritten signature, a company logo, or a photo, date and so on. Furthermore you can create dynamic signature appearance to user for different purpose. A signature appearance also includes information that helps others verify your signature, such as reason for signing, contact information, and more.

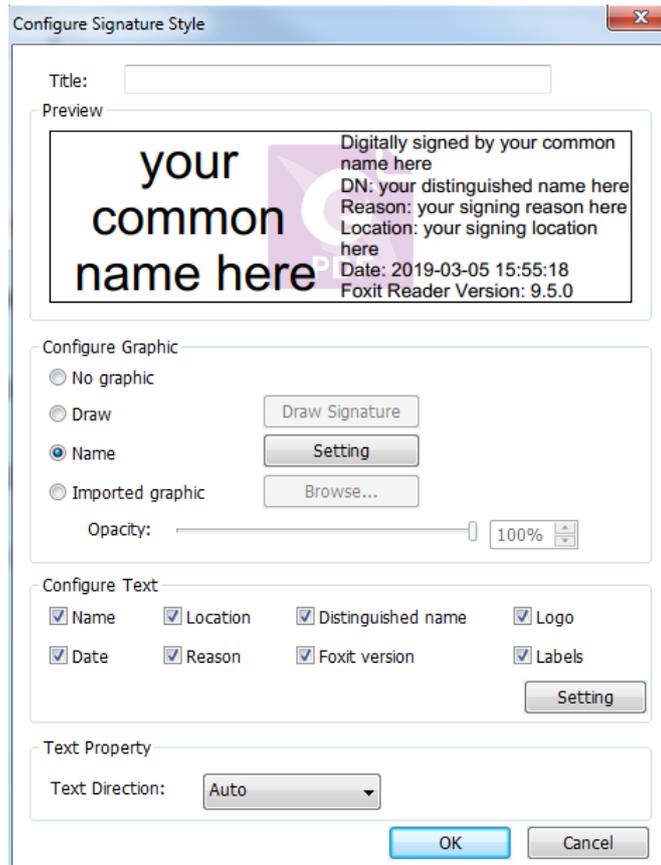


Different appearances of signatures

1. Choose **Protect > Sign & Certify > Place Signature**.
2. Press and hold the mouse button down, and drag to draw a signature filed for your signature.
3. In **Sign Document** dialog box, choose **Create New Style** from Appearance Type menu.



4. Select an option from the **Configure Graphic** group to configure the graphic for your signature. You can choose to use no graphic, your handwritten signature, your name, or an image from file.
 - To draw a signature, select **Draw**, and click **Draw Signature**. Draw your signature on the pop-up panel, and click **OK** to save your handwritten signature or click **Clear** to discard it.
 - If you choose to use your name, select **Name**, and click **Setting** to set the font and size, if necessary.
 - To use an image, select **Imported graphic**, and click **Browse** to select the image file. After choosing the image file, you can change the opacity of the image by dragging the **Opacity** slider or clicking the up/down triangles in the **Opacity** value box.
5. Check the options that you want to appear in digital signature in the **Configure Text** group. A signature appearance can include lots of information showing the users attributes, including name, logo, location, etc. You can click **Setting** to specify the font and font size if necessary. Click **OK** to continue.



Configure Signature Style Dialog Box

6. Click **Sign**.

Note: To manage the created styles, go to **File > Preferences > Signature**.

Sign a PDF

A PDF is signed to indicate your approval. The signature isn't resized and moved when you sign the document. Multiple people can sign a PDF more than once. When you sign a document, your digital signature appears in the signature field. The appearance of the signature depends on your preferences.

1. Sign a PDF after placing, please choose one of the followings to sign the document:
 - Choose **Protect > Sign & Certify > Sign Document**.
 - Select Hand command and right-click the signature, choose **Sign Document**.
 - Select Hand command, and click the signature.
 - Set your signature preferences in **Preferences** dialog box. Choose **File > Preferences > Signature**, check the option of "Sign the document immediately after the signature is placed" to sign the document immediately when the signature is placed.
2. Type file name and specify location in pop-up **Save As** dialog box.

Note: By default, the document is signed after you place the signature. To change the setting, please uncheck the **Sign the document immediately after signature is placed** option in **File > Preferences > Signature**.

Add a time stamp to digital signatures and documents

Time stamps are used to specify the date and time you signed a document. A trusted time stamp proves that the contents of your PDFs existed at a point-in-time and have not changed since then. Foxit Reader allows you to add a trusted time stamp to digital signatures or documents.

To add a time stamp to digital signatures

To add a time stamp to digital signatures, a default time stamp server is required before you make the digital signature. If you have configured a default time stamp server and added it to your trusted certificate list, the time stamp will be embedded with the signature, and the signature properties will show the date/time in the time stamp server when you signed the document; otherwise, the signature properties will display the local date/time of the computer.

1. Go to **File > Preferences > Time Stamp Servers**, and set a default time stamp server.
2. Sign the document. See also [Sign a PDF](#).
3. You will be prompted with a pop-up **Security Warning** to ask you to allow connecting to your time stamp server. Click **Allow**.
4. Then the signature you made has been successfully embedded with a timestamp. When validating the signature, users need to add the time stamp server into the trusted certificate list so that the signature properties will display the date/time in the time stamp server when the document was signed. See also [Trusted Certificates](#).

Note: By default, if only one time stamp server is available in the system, it will be set as default automatically.

To add a time stamp to documents

1. Before adding a time stamp to documents, you need to configure a default time stamp server. Click **Protect > Time Stamp Document** and create a timestamp server by clicking **New...** in the pop-up dialog box. Specify the server name and complete other settings of the server on demand. Click **OK**.
2. Select the created server and click **Set Default** to set the server as the default time stamp server. Click **Next** to continue.
3. (*Tip: You can also create, edit, and delete time stamp servers as well as enable/disable the default time server in **File > Preferences > Time Stamp Servers**. To disable the default time stamp server, select the default time stamp server and click **Clear**.*)

4. Specify a name and location for the signed document. Click **Save**.

Validate Signatures

Signature validity is determined by checking the authenticity of the signature's digital ID certificate status and document integrity. Depending on how you have configured your application, validation may occur automatically.

Set Signature Verification Preference

By default, Foxit Reader will verify signatures when the document is opened, and will check the certificate revocation status while verifying signatures. If you want to change the setting, please go to **File > Preferences > Signature**, and click **Change Settings** in the **Signing & Verifications** group to control how and when signatures are verified. For more information, please refer to "[Signature Preference](#)".

Set the Trust Level of a Certificate

The signature of a certified or signed document is valid if you and the signer have a trust relationship. The trust level of the certificate indicates the actions for which you trust the signer.

To set the trust level:

- Choose **File > Preferences > Signature**.
- Click **Change Settings** in the **Signing & Verifications** group, and check the option(s) in **Windows Integration** group to trust all root certificates in the Windows Certificate Store when validating signatures and certified documents.

Tip: You can specify the trust level for a specific certificate in Foxit Reader Trusted Certificates list while adding and managing the trusted certificate. Please refer to [Add Trusted Certificates](#) and [Manage Trusted Certificates](#) for more information. If you configure different settings for the same certificate, settings with higher permissions will prevail. Remember that checking trust options may compromise security. Please make sure that you trust all the root certificates before enabling the features.

Check the validity of a signature

By default, Foxit Reader verifies signatures when the document is opened. An icon appears on the left top of **Signature Validation Status** message box to indicate the signature status. The signature state appears in the Signature Panel.

- The question mark icon  indicates the signature is not validated.
- The check mark icon  indicates that the signature is valid.
- The icon  indicates that the signature is invalid. The document has been altered or corrupted since the signature was applied.
- The caution triangle icon  indicates the document was modified after signature was added; however, the signature is valid.
- The icon  indicates the signature validity is unknown because the signer's certificate isn't in your list of trusted identities.

If you do not choose to verify signatures automatically when the document is opened in the [Signature preferences](#), you can do any of the following to validate a signature manually:

- Choose **Protect > Validate**.
- Right-click the signature with Hand command, choose **Validate Signature** from context menu.
- Select Hand command on toolbar and click the signature.

When you have checked “When document has valid but untrusted signatures, prompt to review and trust signers” option in [Signature preferences](#) with [procedure-related notification message](#) enabled, a notification message will be displayed on the document pane for you to review and trust signers if the signature (not including certified signatures) in your document is verified as valid but is applied by an untrusted signer with a certificate that doesn't chain up to a trust anchor. To add the signer to your list of trusted certificates and trust all future signatures from the same signer, click **Manage Trust** on the notification message, and then choose **Trust Signer for Future Signatures** in the **Manage Signature Trust** dialog box. To manage your trusted signers in your trusted certificate list, please refer to “[Trusted Certificate](#)”.

If you open a certified PDF file with [notification-related message](#) enabled, Foxit Reader will display a notification message informing you that the document is certified. You can click **Signature Panel** on the notification message to check the details about the document certification and signatures in the **Digital Signatures** panel.

Long-term signature validation

Many business or other practical applications need digitally-signed documents to be verifiable for months or years after signing. However, the signed document can be no longer verifiable if the signer's certificate has expired or been revoked, or with some other reasons. To reduce chances for error or fraud, Long Term Validation (LTV) is introduced for

digital signatures in PDF, which is in compliance with [Part 4 of the ETSI TS 102778-4 PDF Advanced Electronic Signatures \(PADES\) standard](#).

When LTV is enabled, the document can be validated at any time in the future. To achieve long-term validation, the following are required:

1. The signature is verified using the secure time provided by a timestamp or at which the signature was applied.
2. The signed PDF has not been altered and the certificate has not been revoked or expired.
3. The certificate revocation status is embedded in the signed PDF. Embedding certificate revocation information can occur when the document is signed and saved.

From the **Signature** panel, you can check whether the signature is LTV enabled or not after validation. In some cases, the certificate revocation information may not be embedded successfully in the document when you sign the document (especially when you are offline) and you will be informed the signature is not LTV enabled. You can right-click the signature and choose **Add verification information** to add the information to the signature.

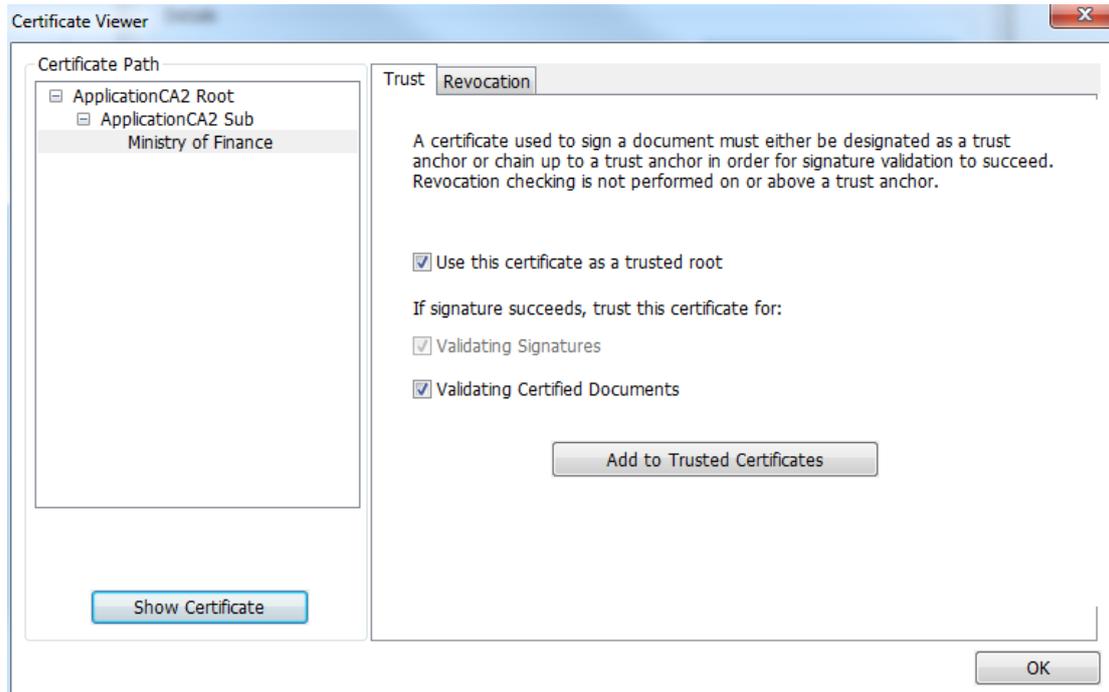
*Note: To use secure time for verification, after clicking **Change Settings for Signing & Verifications** in **File > Preferences > Signature**, select the **Time at which the signature was created**, or **Secure time (timestamp) embedded in the signature** if a trusted timestamp is embedded.*

Check certificate revocation status

By default, Foxit Reader will check the certificate revocation status while validating a signature if the certificate used to sign a PDF file chains up to a certificate designated as a trusted anchor. Revocation checks are performed based on the revocation information embedded in the digitally signed PDF document, the digital signature, or the Certificate Revocation List (CRL). To view the certificate revocation information, please do the following:

1. Do one of the following:
 - Choose **Protect > Trusted Certificates**, and double-click the certificate.
 - In the **Digital Signatures** panel, right-click the signature, choose **Show Signature Properties**, and then click **Show Certificate**.
2. In the **Certificate Viewer** dialog box, click **Revocation** tab to view the revocation information, and click **Signer Details** to get more information on the source of the revocation information.
3. (Optional) If you do not check **Require certificate revocation checking to succeed whenever possible during signature verification** option in [Signature preferences](#), you can click **Check Revocation** in the **Revocation** tab to perform revocation check

manually.



View Signed Versions of a Digitally Signed PDF

A signed version will be automatically saved each time you sign a PDF with a digital signature. If a digitally signed document was modified, you can still view the signed version without the modification. For a document digitally signed several times, you can view each signed version without the changes made after each signature was applied. All signed versions along with their corresponding digital signatures are listed in the **Digital Signatures** panel.

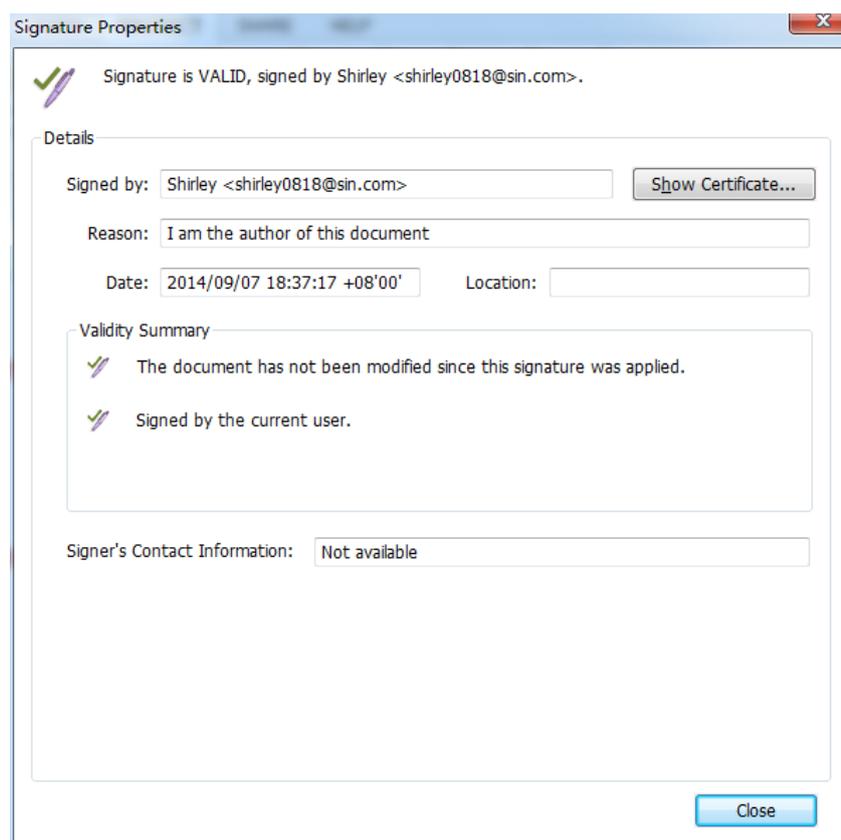
To view a signed version of a digitally signed PDF, do as the following:

1. Open the signed document with Foxit Reader.
2. In the **Digital Signatures** panel in the navigation pane, select and expand a signature, and choose **Click to view this version**. Or right-click the signature in the document pane with the Hand command and choose **View Signed Version** from the context menu.
3. Then this version will be opened in a new tab in the application window, with the title of "filename.pdf-Signed Version". (*Note: If the document has not been modified since the selected signature was applied, a prompt appears saying you are already viewing the version covered by the selected signature.*)
4. (Optional) Following each signed version in the **Digital Signatures** panel lists the changes made to the signed version. Clicking on one of the changes will jump to the related area in the document.

View Signature Properties

Signature Properties dialog box provides basic information about the signature, including the signer, reason, date, location validity summary and details of certificate, etc.

1. Select the Hand command.
2. Right-click the signature, and choose **Show Signature Properties** from context menu.
3. In Signature Properties dialog box, you can get the information as follows:
 - **Signed by** – shows the signers that sign the document.
 - **Reason** – displays the reason that you create the signature.
 - **Date** – shows the date time when you signed the document.
 - **Location** - shows which page the signature is located on.
 - **Validity Summary** - checks whether the document was modified after it was signed, and other information.
 - **Show Certificate** – click it to show the details of certificate, such as the validity of certificate, certificate path, etc.



Signature Properties Dialog Box

Note: If the status is unknown, click **Show Certificate** in the **Signature Properties** dialog box, then click **Show Certificate** in the pop-up **Certificate Viewer** dialog box to view the details of the certificate. Check whether the certificate has been included in your list of trusted

identities. If your certificate is not trusted, click **Install Certificate** to install it to the trusted Windows Certificate Store. If you use a self-signed digital ID, confirm that the certificate details are valid. If the certificate isn't valid, a valid certificate from signer is requested.

Trusted Certificates

You can add all your trusted time stamp servers as well as certificates that issued your digital IDs to the **Trusted Certificates** list.

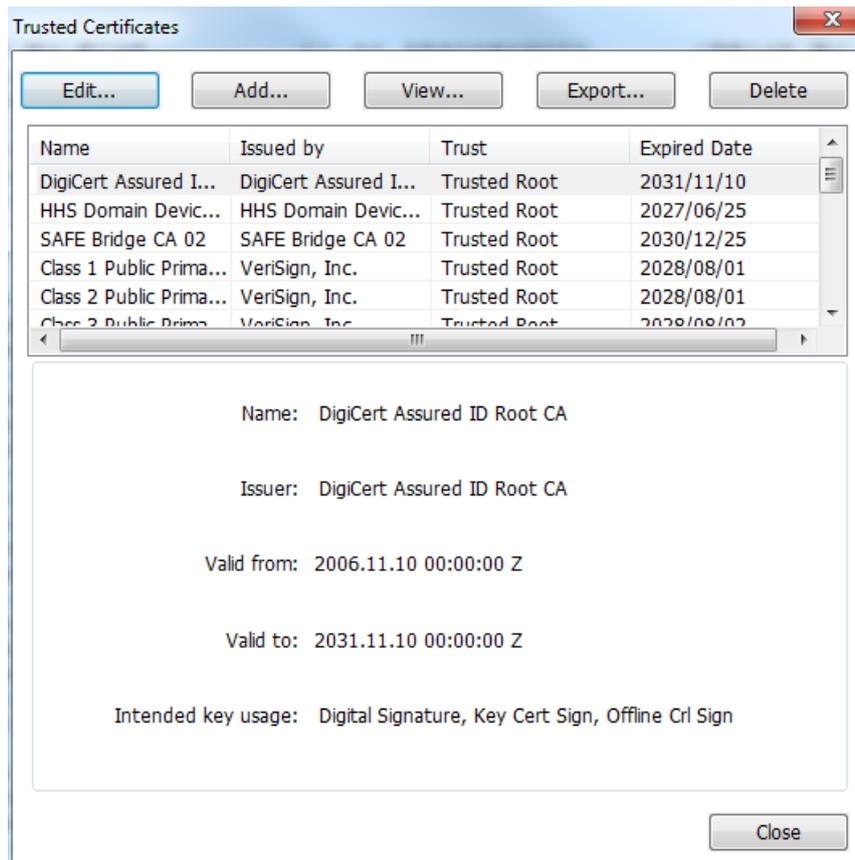
To add a trusted digital certificate to the Trust Certificates list, please do the following:

- Right-click the digital signature, and choose **Show Signature Properties**.
- In the **Signature Properties** dialog box, click **Show Certificate**.
- In the **Certificate Viewer** dialog box, specify the trust level for the certificate in the **Trust** tab:
 - ✧ Use this certificate as a trusted root: Use the certificate as a trusted root, and trust all certificates issued by that certificate authority. Once you make a certificate a trust anchor, revocation checking will not be performed on it.
 - ✧ Validating Signatures or Validating Certified Documents: Trust the certificate when validating signatures or certified documents.
- Click **Add to Trusted Certificates**, and confirm your operation.

To add a trusted time stamp server to the Trusted Certificates list, please do the following:

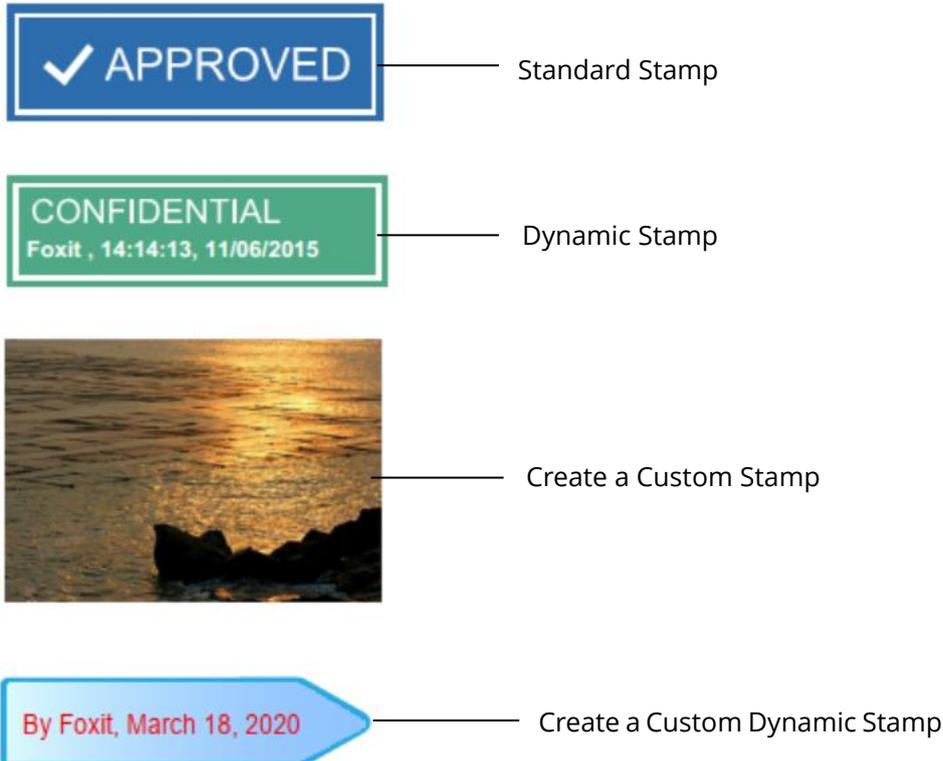
- If a time stamp is added to a digital signature, click **Timestamp Properties** in the lower left corner of the **Signature Properties** dialog box. If a time stamp is added in the document, right-click the timestamp signature in **Digital Signature** pane, and choose **Show Signature Properties**.
- In the pop-up **Timestamp Properties** dialog box or **Signature Properties** dialog box, click **Show Certificate**.
- In the **Certificate Viewer** dialog box, specify the trust level for the certificate in the **Trust** tab:
 - ✧ Use this certificate as a trusted root: Use the certificate as a trusted root, and trust all certificates issued by that certificate authority. Once you make a certificate a trust anchor, revocation checking will not be performed on it.
 - ✧ Validating Signatures or Validating Certified Documents: Trust the certificate when validating signatures or certified documents.
- Click **Add to Trusted Certificates**, and confirm your operation.

To check all the trusted certificates, choose **Protect > Trusted Certificates**. In the **Trust Certificates** window, you can manage all the trusted certificates, including adding & exporting a certificate, viewing certificate details, deleting a certificate, and specifying the trust level for a certificate.



Stamping PDFs

The Stamp commands in Foxit Reader are a group of advanced tools that enable you to stamp content and watermarks into a PDF document. Foxit Reader supports image stamps from your clipboard and PDF file stamps. You can either create dynamic stamps which can obtain information from your system including name, date and time, or import existing dynamic stamps. Stamping PDF files is a very useful feature especially when you need to give reviewers some advices about the document's status or sensitivity.



Stamping a PDF

You can choose from a list of predefined stamps, or create custom stamps before stamping a PDF. All the stamps that you import or create are listed in the Stamps Palette. To apply a stamp, please do the following:

1. Choose any of the following methods to open the Stamps Palette:
 - Choose **Comment > Stamp**.
 - Choose **Comment > Create > Show Stamps Palette**. When you choose to show the stamps palette, the stamps palette will be opened as a floating window. You can drag the border to resize the window, or move the window to anywhere by dragging. Foxit Reader will remember your adjustments to the window and show it as what you specified when you open the Stamps Palette in the future. In the **Stamps** floating window, click the drop-down list to select different stamp categories and display the stamps corresponding to the selected category.
2. In the Stamps Palette, select a stamp.
3. The cursor changes into a rectangle showing the preview of the stamp. Specify on the document page where you want to place the stamp, or drag a rectangle on the document page to define the size and placement.
4. To apply a stamp on multiple pages, right click the stamp and choose **Place on Multiple Pages**. In the **Place on Multiple Pages** dialog box, specify the page range and click **OK** to apply.

Notes:

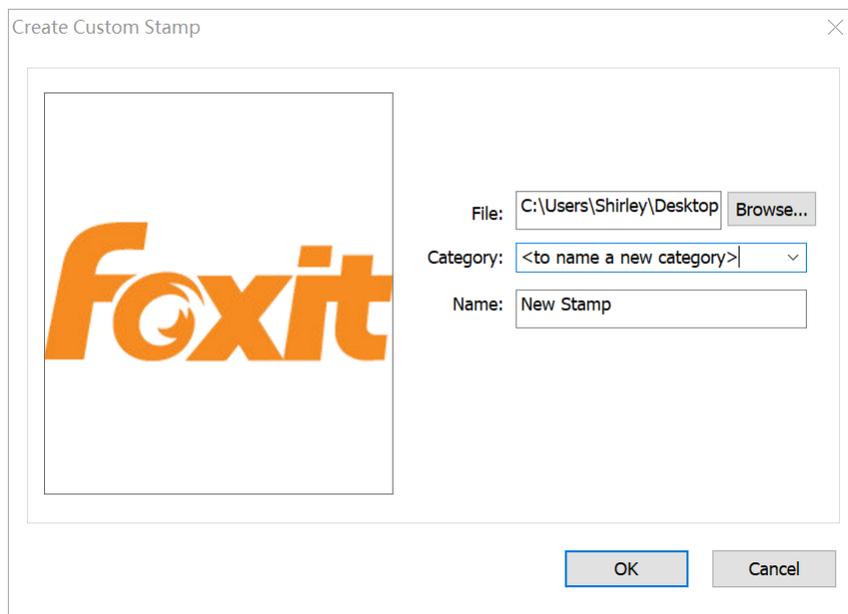
1. All the stamps that you import or customize will be listed in the menu of Stamp commands, you can choose directly a stamp from the menu of Stamp commands. If you need to import Monteith stamps, please save the Monteith stamp file in "C:\Users\%user profile%\AppData\Roaming\Foxit Software\Foxit Reader\Stamps\UserStamps". Before applying a Monteith stamp, you will need to set your identity information in the pop-up **User Identity** dialog box or in **Preferences > Identity** tab.
2. The date format shown on the dynamic stamp is the same as that you set in your system.

Creating a Stamp

You can create custom stamps and dynamic stamps.

Creating a Custom Stamp

1. Choose **Comment > Create  > Create Custom Stamp**.
2. In the **Create Custom Stamp** dialog box, click **Browse** and choose a PDF file. If the selected file contains multiple pages, you can drag the scroll bar to select a page.
3. Type a new category name or choose a category from drop-down menu, name the stamp, and then click **OK**.

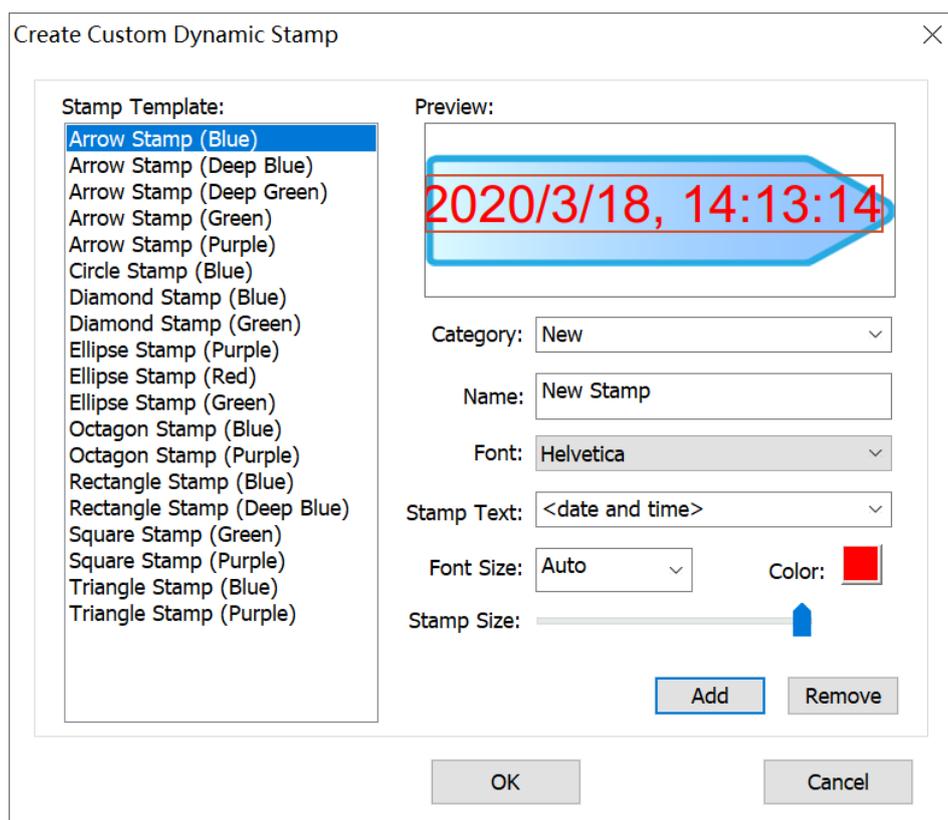


Create Custom Stamp Dialog Box

Creating a Custom Dynamic Stamp

You can create a Custom Dynamic Stamp to add text, author name and date time on stamps. Please do the following:

1. Choose **Comment > Create**  **> Create Custom Dynamic Stamp**.
2. In the **Create Custom Dynamic Stamp** dialog box, choose one stamp template from the left list. Choose a category from drop-down menu or name a new one, then name the stamp.
3. Specify Font, Font Size and Font Color. You can drag the Stamp Size slider to change stamp size when Font Size is set as Auto.
4. From the Stamp Text option, please do the following:
 - ✧ Type the text that you want to show on the stamp in the **Stamp Text** field directly.
 - ✧ Choose <author name>, <date and time>, <date>, or <author name, date and time> to add current user, date, and time of your system to the stamp. Please note that the date format shown in the stamp is the same as that you set in your system. When you add the stamp text with <date and time> or <date>, Foxit Reader will read the date format from your system and apply in on the stamp text you added.
 - ✧ Click <Custom values when stamp is added> to create custom dynamic stamp with custom values which invoke a prompt window for users to input information while adding a stamp in PDF file. If you select this option, define the Field Name and Example in the pop up window, and click **Add** to add it to the custom dynamic stamp. If you choose this option, it is recommended to set Font Size as Auto so that the custom values you added in the stamp will be adjusted automatically to adapt to your stamp field. After adding the value, you can also drag the Stamp Size slider to adjust its size, if necessary.
5. You can instantly adjust the added content to fit your needs when you preview current stamp on the right top preview pane.
6. Click **OK**.



Create Custom Dynamic Stamp Dialog Box

Creating an Image on Clipboard as Stamp

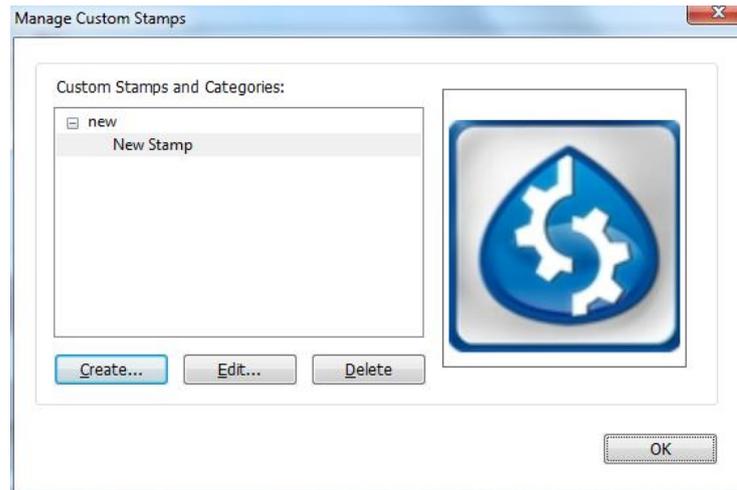
To create an image on clipboard as stamp, please do the following:

- Choose **Comment > Create > Paste Clipboard Image as Stamp Tool**.

Managing a Stamp

To manage a stamp, please do the following:

- Choose **Comment > Create  > Manage Stamps** to open **Manage Custom Stamps** dialog box, and select a stamp.
- Click **Create** and choose a way of creating stamp from drop-down menu, please refer to [Creating a custom stamp](#).
- Click **Edit** to edit the stamps, such as changing category, stamp name, or replacing the image or PDF files. Please refer to [Creating a custom dynamic stamp](#).
- Click **Delete** to remove the stamp.



Manage Custom Stamps Dialog Box

Note: Deleting a custom stamp category will delete all stamps that are subordinate to it.

Cutting/Copying and Pasting a Stamp

To cut/copy and paste a stamp, please do the following:

- Select the stamp you want to cut or copy.
- Right-click the stamp and select **Cut/Copy**.
- Right-click on the page you want to past the stamp and select **Paste**.

Undoing/Redoing a Stamp

To undo/redo a Stamp, please click **Undo**  or **Redo**  on the Quick Access Toolbar.

Resizing or Moving a Stamp

- Select the Hand command  or the Select Annotation command .
- To resize a stamp, select it, put the cursor on one of the red points, and drag one of the handles to make your adjustments.
- To move a stamp, select it and put the cursor on one of the segments to drag.
- To add a pop-up note to a stamp, select it and double-click the stamp or right-click it and choose **Open Popup Note**.

Rotating a Stamp

- Select the Hand command  or the Select Annotation command .
- Click the stamp and move the cursor over the handle at the top of the stamp. When the rotate stamp icon appears, drag the cursor to rotate the stamp as desired.

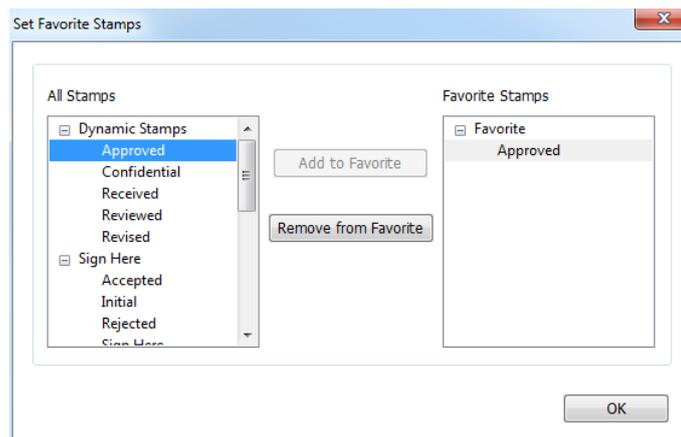
Deleting a Stamp

Do one of the following:

- Select the Hand command  or the Select Annotation command , and then press the **Delete** key.
- Select the Hand command  or the Select Annotation command , right-click on the stamp, and choose **Delete** from the Context Menu.

Setting Favorite Stamps

- Choose **Comment > Create > Set Favorite Stamps**.
- Select a stamp in All Stamps panel, and then click **Add to Favorite**, then the stamp you select will be added to Favorite Stamps panel.
- To remove a stamp from Favorite Stamps panel, select the stamp you want to remove and then click **Remove from Favorite**.



Set Favorite Stamps

Enable Fast Web View in a PDF

Fast Web View restructures a PDF file for page-at-a-time downloading from web servers. While reading an online PDF file with Fast Web View enabled, the web server will only load the requested page rather than the entire PDF to ensure fast access.

Verify Fast Web View Status

You can check if an existing PDF file is enabled for Fast Web View with the following steps:

- Open the PDF file with Foxit Reader.

- Choose **File > Properties**, and check the status in **Fast Web View** column under the **General** group.

Enable Fast Web View in a PDF

To enable Fast Web View in an existing PDF file, please follow the steps below:

- Enable Fast Web View setting in Preferences with the following steps:
 - Choose **File > Preferences > Documents**.
 - Check the **Save As optimizes for Fast Web View** option in the **Save Setting** group.
 - Click **OK** to apply the setting.
- Click **File > Save As** to save the PDF file as a linearized one with Fast Web View enabled.

Managing Security

Safe Reading Mode

Safe Reading Mode enables you to control unauthorized actions and data transmissions that efficiently avoid attacks from malicious content and viruses.

Activate Safe Reading Mode

To activate Safe Reading Mode, do the followings:

- Select **File > Preferences > Trust Manager**, and check **Enable Safe Reading Mode** option.
- Click **OK**.

Bypass Security Restrictions in Safe Reading Mode

If you are in Safe Reading Mode, a warning dialog box will appear when a PDF tries to complete a restricted action from an untrusted location or file. However, you may need to execute certain actions under the current restricted security settings. In this case, you can select trusted files, folders, and hosts and exempt them from security restrictions. This security feature ensures that Foxit Reader operates under security level conditions that meet your working environment.

To specify the trusted files, folders, or hosts, please follow the steps below:

- a) Go to **File > Preferences > Security**.
- b) Click **Add File** to add trusted files to the privileged locations. Foxit Reader currently allows you to add the following files: PDF Files (.pdf), Form Data Files (.fdf), XFDF Files

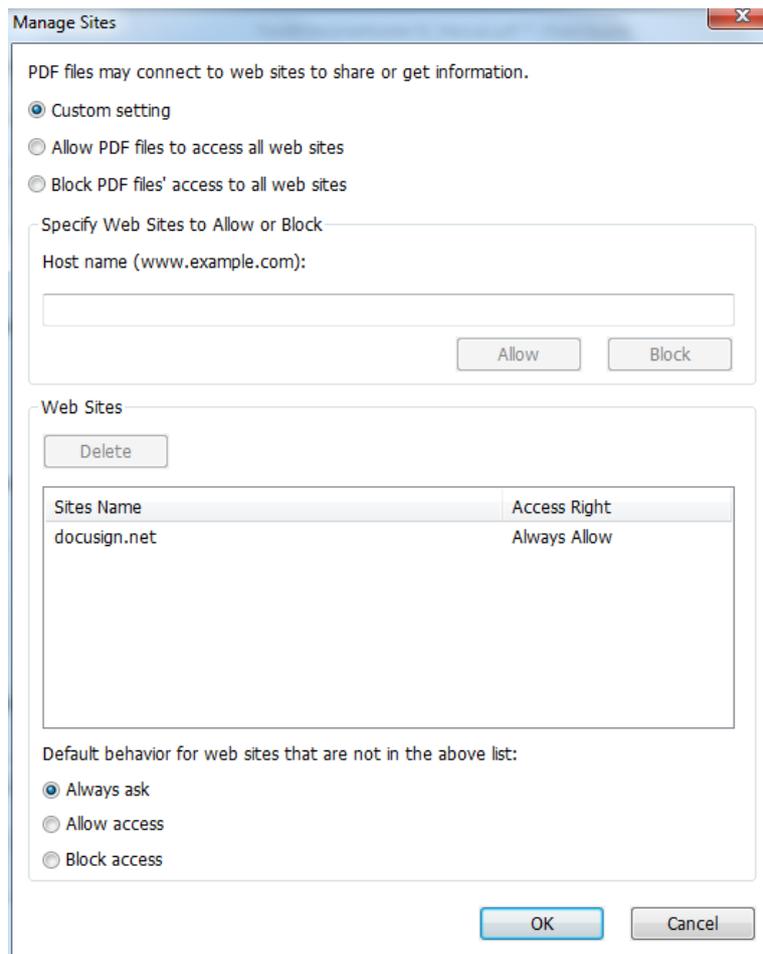
- (.xdf), XDP Files (.xdp), and PPDF Files (.ppdf).
- Click **Add Folder Path** to add a trusted folder of multiple files.
 - Click **Add Host** to add the root URL to trust the files and actions from the trusted host. You can also check **the Secure connections only (https:)** to trust files and actions from secure connections only.
 - (If needed) Click **Remove** to remove trusted items from privileged locations.
 - Click **OK** to confirm and apply the settings.

On-line Whitelist Management

Foxit Reader allows users to add trusted URLs when submitting forms online to better manage file access.

To set on-line whitelist, please follow the steps below:

Choose **File > Preferences > Trust Manager > click Change Settings** in the **Internet Access from PDF Files outside the web browser** group, then **Manage Sites** dialog box will pop up as shown below:



- Allow PDF files to access all web sites: Select it to allow the submission of PDF files to

- all web sites.
- Block PDF file access to all web sites: Select it to prevent the submission of PDF files to all web sites.
- Custom setting: You can customize the trusted URLs to enable PDF file submission.
 - Select **Custom setting**.
 - Input the host name of a website under the **Host name** field.
 - Click **Allow** and then click **OK**.

The URLs that you trusted will be added in the Web Sites List. If you want to delete the trusted URL, please select it and click **Delete**. For the URLs not included in the Web Sites List, you can check one of the following options to set the default behavior when connecting to the web sites.

- Always ask: When you try to submit forms to websites not listed as trusted, Foxit Reader will always prompt you with a pop up window saying: "If you trust this site, click Yes; otherwise, click No". This is selected by default.
- Allow access: Submission of forms to all websites will be available if it is selected.
- Block access: Submission of forms to all websites will be blocked if it is selected.

Application Whitelist Management

By default, Foxit Reader will show a warning message when an application without a valid digital signature attempts to open it. However, if you trust the application, you can add it to the whitelist. Steps are as follow:

- Choose **File > Preferences > Trust Manager**.
- Click **Change Settings** in the **Open Foxit Reader from applications without valid digital signatures** group.
- In the **Allowed Apps** field, specify the application you trusted, and click **Allow**. The trusted applications will be listed in **Apps** group. If you want to remove it from the list, please select it first, and then click **Delete**.
- Click **OK** to confirm and apply the setting.

Run Script Right Control

Foxit Reader allows users the rights to run script accordingly, and at the same time making sure the software executes and secures PDF files. There are four levels for users to choose: Disable JavaScript, Enable secured JavaScript, Enable JavaScript secured and verified by DRM, and Enable all JavaScript.

To set the run script rights, please follow the steps below:

- To enable all JavaScript: Check **Enable JavaScript Actions** in **File > Preferences > JavaScript** and uncheck **Enable Safe Reading Mode** in **File > Preferences > Trust Manager**.
- To disable all JavaScript: Uncheck **Enable JavaScript Actions** in **File > Preferences > JavaScript** and check **Enable Safe Reading Mode** in **File > Preferences > Trust Manager**.
- To enable secured JavaScript: Check **Enable JavaScript Actions** in **File > Preferences > JavaScript** and **Enable Safe Reading Mode** in **File > Preferences > Trust Manager**.
- To enable JavaScript verified by DRM:
 - Check **Enable JavaScript Actions** in **File > Preferences > JavaScript** and **Disable Safe Reading Mode for Trusted Documents** in **File > Preferences > Trust Manager**.
 - Click **Advanced Preferences** in **File > Preferences > Trust Manager** to check both **RMS Encryption** and **Digital Signature Verification**.

Automatic Foxit Approved Trust List updates

The certificates in Foxit Approved Trust List (FATL) are the trusted root certificates that are stored in a Foxit server and have been verified by Foxit and other authorities. You can enable the application to automatically check and download new or updated root certificates in FATL from the server to local trusted certificate list. Any certificate-based signature created with the certificate in FATL is trusted when the signed document is opened in Foxit Reader 9.6 and later.

To enable the automatic updates from FATL, do the following:

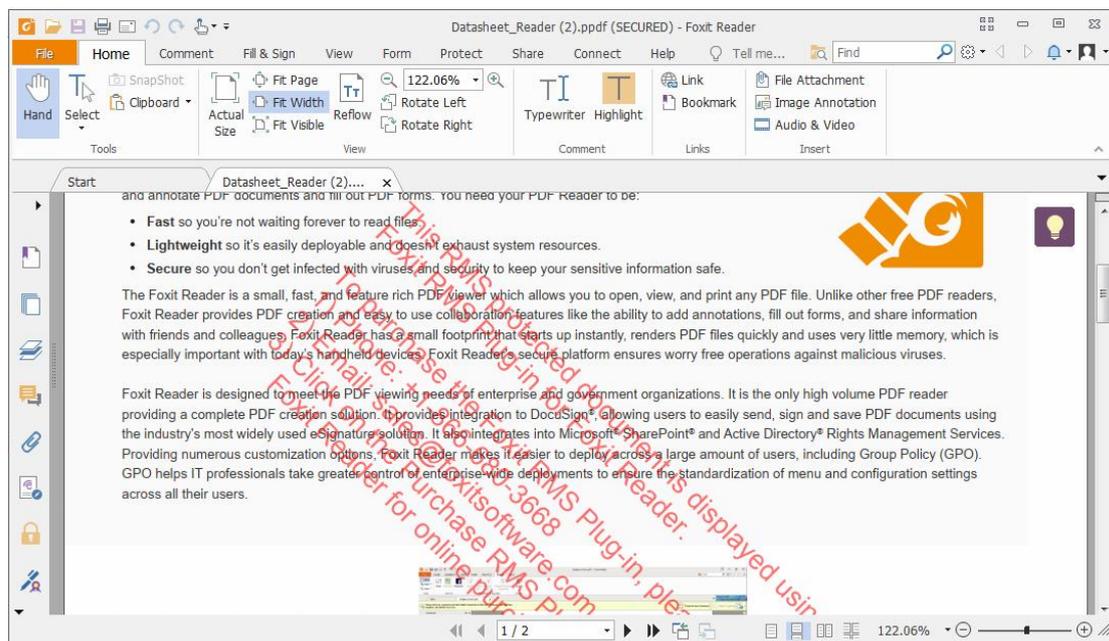
1. Click **File > Preferences > Trust Manager**.
2. In the **Automatic Foxit Approved Trust List updates** group, select **Load trusted certificates from Foxit server**. This option is selected by default and allows Reader to automatically download new or updated root certificates in FATL from the server to the local trusted certificate list under any of the following circumstances:
 - Every 28 days.
 - When you open a signed PDF and the signature's certificate has never been checked for update before.
 - When you open a signed PDF and the signature's certificate was checked for update more than 28 days ago.
3. Do the following as needed:
 - Ask before updating: Select it and you will be prompted if any new or updated root certificate is available for download and install.
 - Update now: Click it to download and install from the latest FATL immediately.
4. When the installing process completes, a message box will pop up to tell you the update is successful.

Note: A connection to the Internet is required for the update.

AD RMS Protect (Available in Foxit Reader MSI Package Only)

Foxit Reader integrates RMS plugin in the software to extend the access control of Microsoft Windows Server® AD RMS on client systems. Foxit Reader (EXE) only allows users to open PDF files protected by AD RMS Protector, while Foxit Reader (MSI) supports more functions. Foxit Reader (MSI) not only can open and decrypt RMS protected documents, but also offers document protection with RMS Protector.

Foxit Reader (EXE) allows users to open RMS protected documents, but an evaluation watermark is displayed in the documents (as shown below).



For Foxit Reader (MSI), a paid license is required for RMS function. You will be offered a 14-day trial, after that, you will be required to purchase a RMS license for further use. With Foxit Reader (MSI), you can view RMS protected documents without evaluation watermarks displayed in the documents.

Microsoft Windows Rights Management Services is an information technology that works with AD RMS enabled applications to help safeguard digital information from unauthorized use. Users can restrict others users from being able to open, read, modify, or redistribute certain information. Foxit Reader RMS protector provides seamless integration with Microsoft Windows Rights Management Services to protect PDF documents and manage policy templates. With Foxit Reader (MSI), you can use RMS-protected documents if you are authorized, to improve information security, meet compliance requirements, save time and money, and at the same time improve business processes. To meet the needs of more users, Foxit Reader (MSI) is also compliant with Microsoft® AD RMS 2.1.

Once installed, Foxit Reader (MSI) will extend all Microsoft AD RMS services to all PDF files.

Note: If you open a PDF which is encrypted by AD RMS feature of Foxit Reader (MSI) with other PDF programs, a wrapper (which is actually a PDF page) will prompt you to download Foxit Reader/PhantomPDF to open the PDF.

How to Use Windows Azure AD Right Management (AAD RMS)

1. Enable Windows Azure AD Rights Management for your organization:

- Download the Windows Azure AD Rights Management administration module (WindowsAzureADRightsManagementAdministration.exe) for Windows PowerShell [here](#).
- Located in the local folder where you downloaded and saved the Rights Management installer file, double-click the file WindowsAzureADRightsManagementAdministration.exe to launch installation of the Rights Management administration module.
- Open Windows PowerShell.
- Type the following commands:
 - ✓ Import-Module AADRM
 - ✓ Connect-AadrmService -Verbose
- Enter your Office 365 credentials when prompted, for example "[user@company.onmicrosoft.com](#)".
- Type the following commands:
 - ✓ Enable-Aadrm
 - ✓ Disconnect-AadrmService

2. Install Active Directory Rights Management Service Client 2.1:

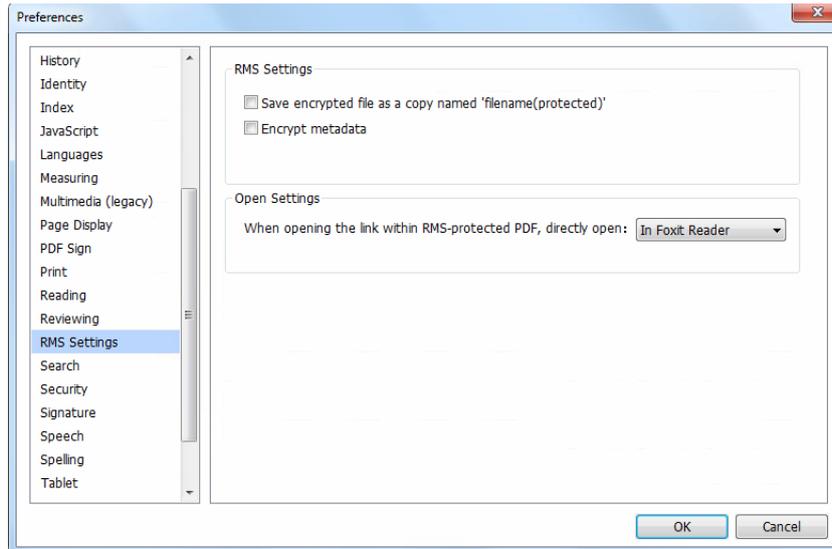
[X86 Download](#)

[X64 Download](#)

RMS Settings

You can specify the RMS settings before you encrypt PDFs or open a link within an RMS-protected PDF. To specify RMS settings, please follow the instructions below:

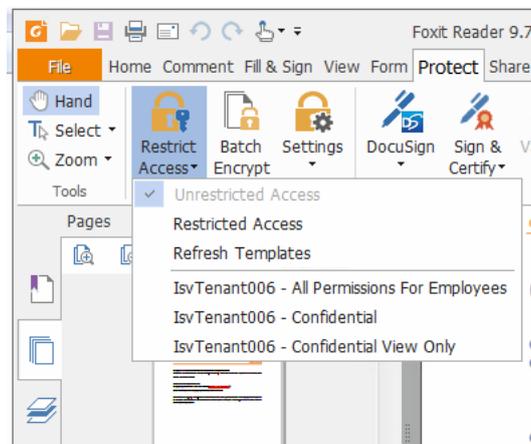
- Go to **File > Preferences > RMS Settings**.



- Save encrypted file as a copy named “filename(protected)”: Save the encrypted file as a copy named ‘filename (protected).pdf’ after adding RMS encryption to the file.
- Encrypt metadata: Check the box to encrypt metadata when encrypting PDF documents.
- Open Settings: Choose how to open the link within an RMS-protected PDF, in Foxit Reader or in your browser.

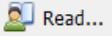
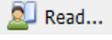
RMS Encryption

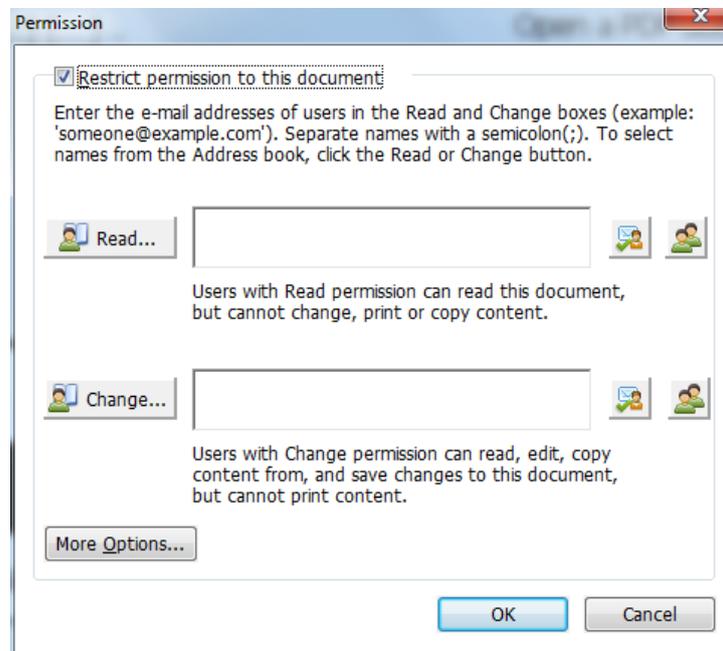
1. Go to **Protect > Restrict Access**.
2. Choose the template to add RMS encryption. If you have more than one server, first move the cursor to the name of the server, and then the templates on this server will be shown on the submenu. Click **Refresh Templates** to get the latest official templates from the server. You also can create custom templates. For more detailed information, please refer to [Template Creation](#).



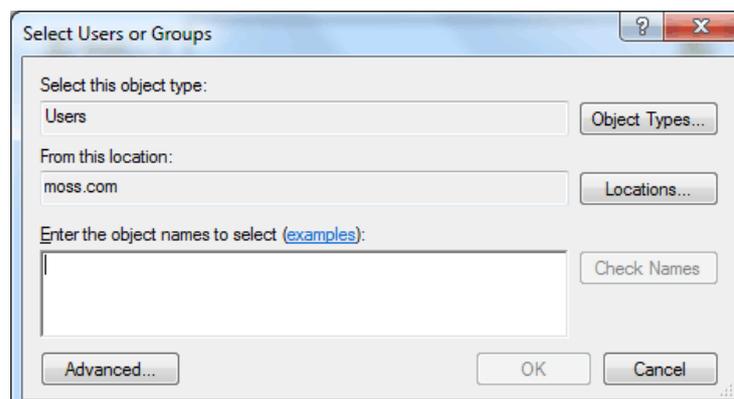
3. If you do not want to use the template, please click **Restricted Access**.

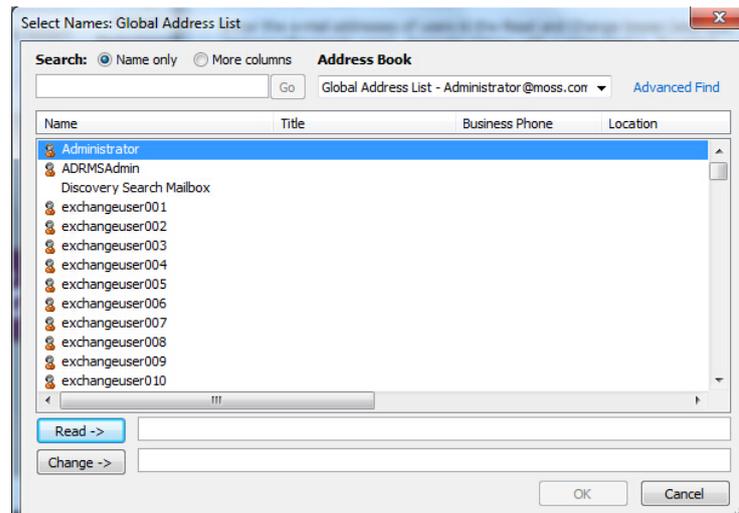
Chapter 4: Working on PDFs

- Type your account name and password when you login to the RMS server for the first time.
- Click the icon  to add the users you want to authorize reading permission to. To authorize anyone to read this file, select the icon  on the right side. (If you have an Outlook Email Client, the contact list of Outlook will pop up when you click the icon . You can choose the email addresses directly. You can also just type certain letters included in the email address, and then click the icon . The system will help you enter the complete address according to the contact list. Then you can go to the [More Option Step](#).)

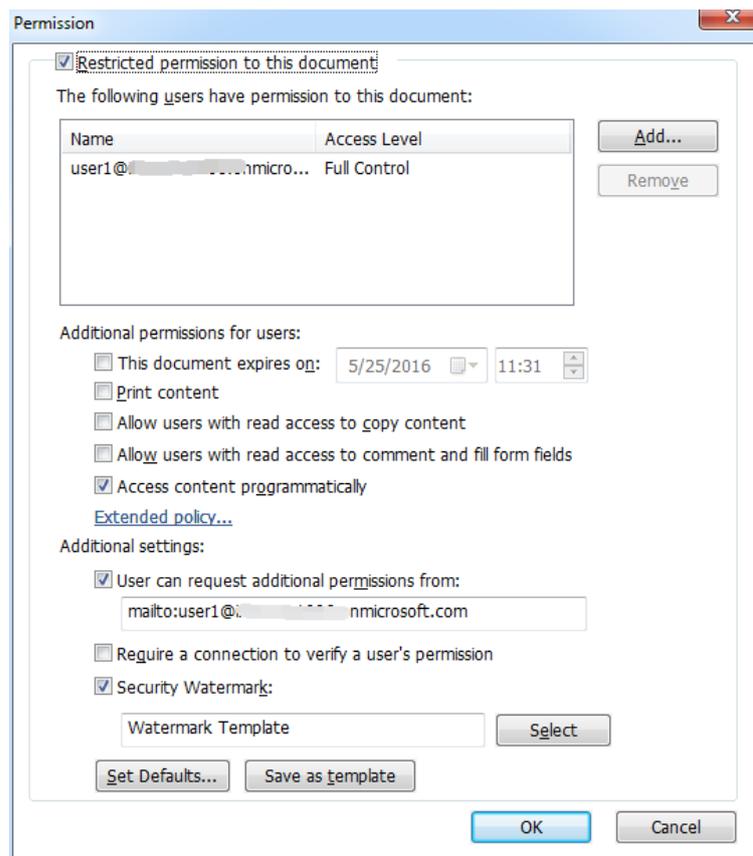


- Choose the object types (users or group) and the server. Then type the e-mail addresses of the authorized users into the text box or click **Advanced** to open the e-mail address list on the server to choose an address directly.





- Click **OK** to exit **Select Users or Groups** dialog.
- Click **More Options** in **Permission** Dialog. The users you selected now will be shown on the text box. You can add or delete users as desired.



Additional permissions for users:

This document expires on: check it to set the expiration date. The document cannot be opened after the specified date.

Print Content: check this option to allow the users above to print the PDF files.

Allow users with read access to copy content: enable the users who only have reading permission to copy content.

Allow users with read access to comment and fill form fields: enable the users who only have Read permission to add comments and fill form fields.

Access content programmatically: enable users to run JavaScript in the document.

Extended Policy: complete PDF protection and control of document usage. The policy will allow document owners to control the following items:

Only allow access to these pages: specify the page number(s) that a user is allowed to access.

Only allow access by this IP range: specify an IP range that is allowed to access a document.

Number of accesses: specify the number of times that a user is allowed to access a document.

Number of prints: specify the number of times that a user is allowed to print a document.

Note: To specify the “Number of accesses” and “Number of prints” items in an on-premise environment, click the attached Web Service Configuration  to configure the web service and SQL first, and then enable the extended policy with the [Foxit Configuration Tool](#).

Additional settings:

User can request additional permissions from: if users want to apply for any permissions, the application will open the email client and list the email address you typed into the text in the Recipient's Address automatically. You can type a URL as well.

Require a connection to verify a user's permission: check this option to let users verify their license every time they open the encrypted file.

Security Watermark: add a security watermark to the PDF files. For the detailed instructions, please refer to [Security Watermark Management](#).

Set Default: set the additional settings as default.

Save as template: the security setting set above can be saved as a template for further use.

4. If users need to request additional permissions for a PDF file, please do the following:

- Open the file and choose **File > Properties > Security**.
- At the bottom of the **Security** tab, click **Request additional permissions**

Properties

Description

Security

Fonts

Security

Security Method

RMS Protection

Protection Policy Information

IsvTenant006 - Confidential View Only - This content is proprietary information intended for internal users only. This content cannot be modified.

You are currently authorized to view this document as

user1@isvtenant006.onmicrosoft.com

PDF Rights

Full control	Allowed
View document	Allowed
Printing	Allowed
Changing the Document	Allowed
Document Assembly	Allowed
Content Copying	Allowed
Content Copying for Accessibility	Allowed
Commenting	Allowed
Filling of form fields	Allowed
Run JavaScript	Allowed

License Expiration Days

Unlimited

Content Expiration Date

Unlimited

[Request additional permissions...](#)

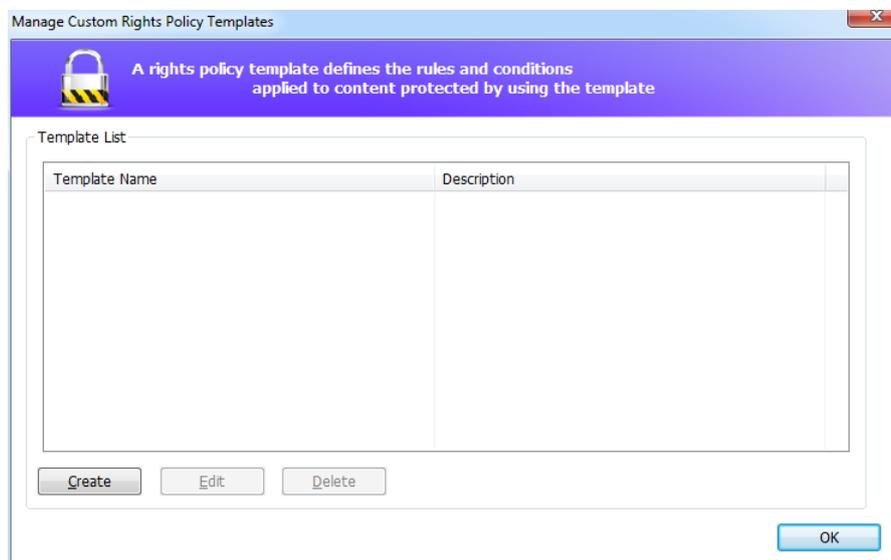
Note: Foxit Reader (MSI) also supports Microsoft IRM Specification V1, V2, and PPDF, of which Microsoft IRM Specification V2 is the default format when you encrypt PDFs with RMS. The encryption policy of Microsoft IRM Protection does not include dynamic watermark, extended policy, and dynamic revocation. To change the default Microsoft IRM format, do the following:

1. Type regedit.exe in the Run window or in the search box of the Start menu and navigate to the following path: HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Foxit\Reader 9.0\RMS\Preferences.
2. Create a new REG_DWORD 32 value: Name: UseMicrosoftIRMV1.
3. Use the responding value to set the format as default as below.
 - PPDF: 0
 - V1: 1
 - V2: 2
 - PPDF: 3

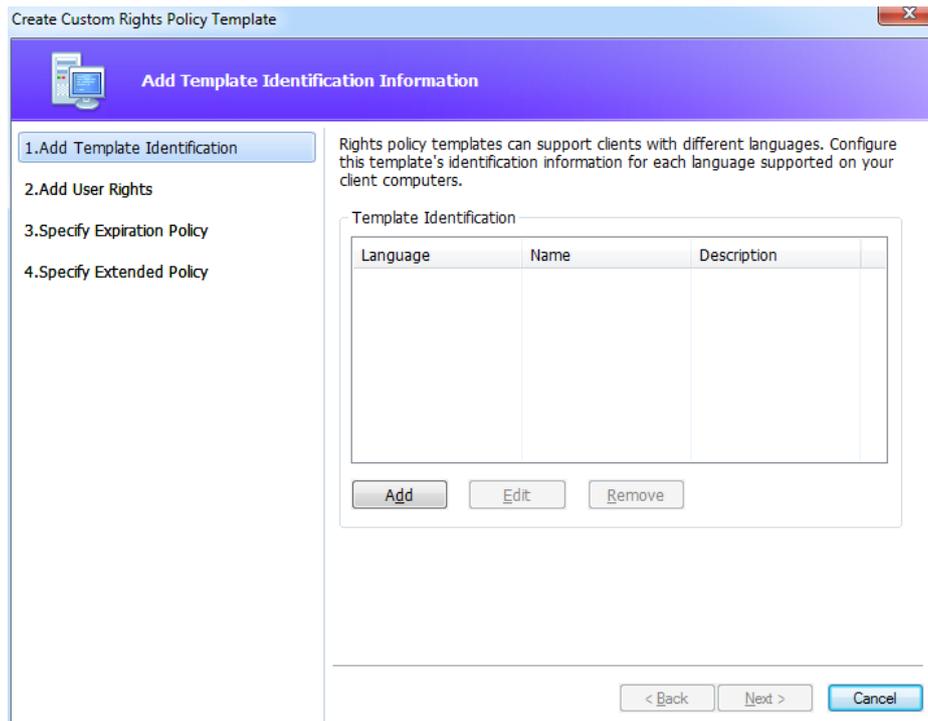
Template Creation and Editing

To create a custom template, please see the following steps:

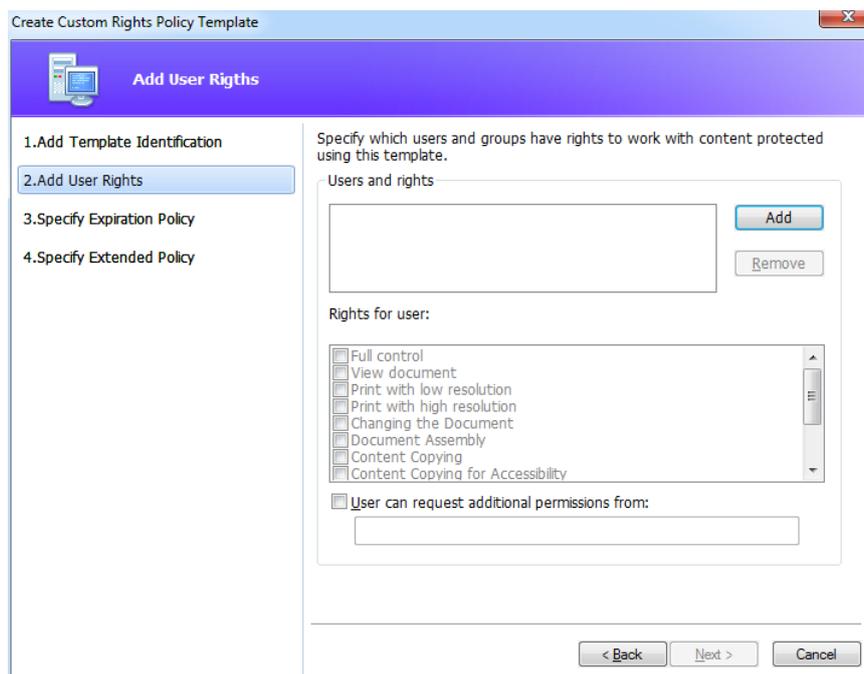
1. Choose **Protect > Settings > Custom Templates**.



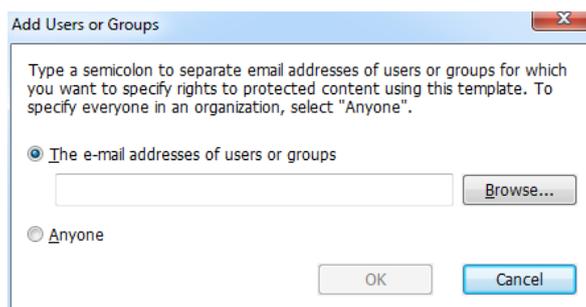
2. Click **Create** to open the **Create Custom Rights Policy Template** dialog box.
3. (Optional) If you want to edit the existed template, please click **Edit**.
4. Click **Add** to choose the language and edit template name and description. Click **OK**. The template name and description will be shown in the Template Identification list.



5. Click **Next** to add user rights. Click **Add** in Add Users and Rights.



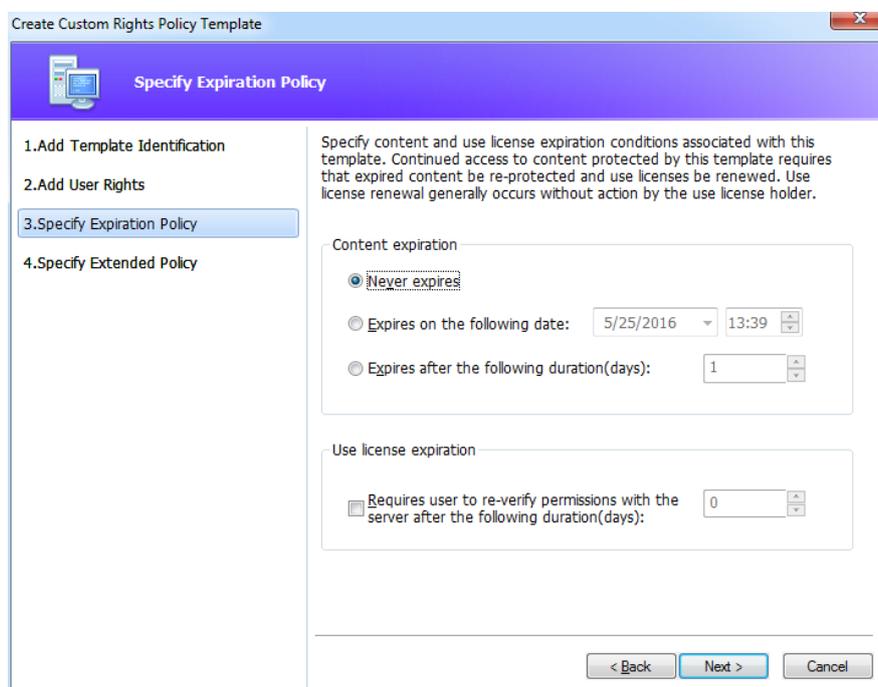
6. In the pop-up **Add User or Group** dialog box, choose **The e-mail addresses of users or groups**, click **Browse** to simply add a user who you would like to assign rights to. Selecting **Anyone** allows every user to work with the encrypted PDF files. You can type multiple e-mail addresses as well.



7. Check PDF permissions for the specified users. You can set the permissions for all of the users or set different permissions for specific users.

8. **User can request additional permissions from:** if users want to apply for any permissions, the application will launch the email client and list the email addresses you typed into the text in the Recipient's Address automatically. You can type a URL as well.

9. Click **Next** to specify the expiration policy.



Content expiration

Never expires: the PDF content can be viewed indefinitely.

Expires on the following date: the PDF content will expire on a given date.

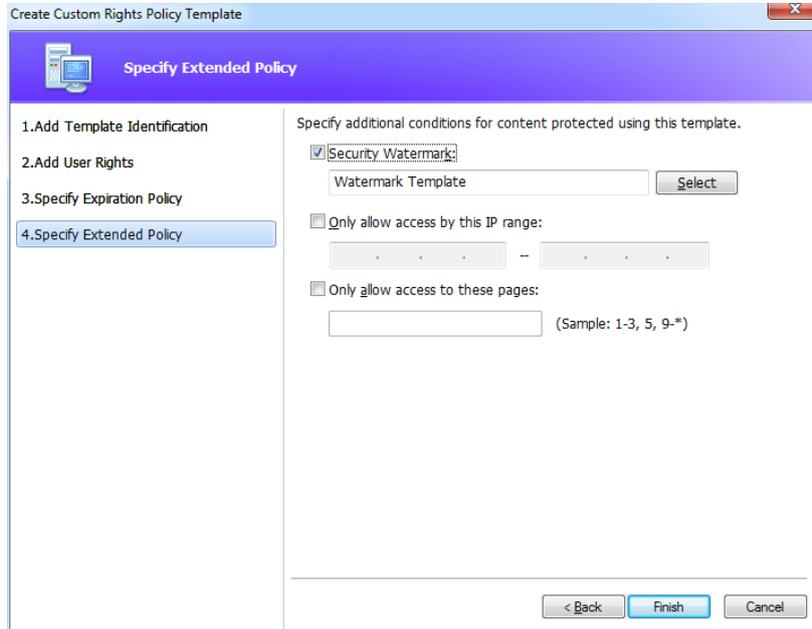
Expires after the following duration (days): the PDF content will expire after the desired days selected.

Use license expiration

Requires user to re-verify permissions with the server after the following duration (days): users need to apply for a new license to open the encrypted PDFs the specified number of

days (the number you type into) later.

10. Click **Next** to set security watermarks and extended policies. Please refer to [Security Watermark](#) and [Extended Policy](#).



11. Click **Finish** to complete creating the template. The template will be added to the template list under **Protect > Restrict Access**.

Batch Protect PDFs with RMS

You can apply RMS encryption to multiple PDF files at the same time with the Batch Encrypt command.

1. Click **Protect > Batch Encrypt**.
2. In the **Batch Encrypt** dialog box, click **Add Files...** to add the files or folders you want to encrypt. (*Tip: If choosing **Add Files...**, in the **Open** dialog box, you can navigate through your local disk to select local files or click **Open from ECM** to select files from OneDrive-Personal.*) Use **Move up**, **Move down**, and **Remove** to adjust the order of the added files.
3. Click **Output Options...**. In the pop-up dialog box, select the destination folder and click **OK**.
4. Click **OK** in the **Batch Encrypt** dialog box.
5. Choose a rights policy template in the pop-up dialog box and click **Start Encryption**.
6. The encryption-process bar pops up to show the progress. When encryption is complete, the selected files will be encrypted and saved in the specified destination.

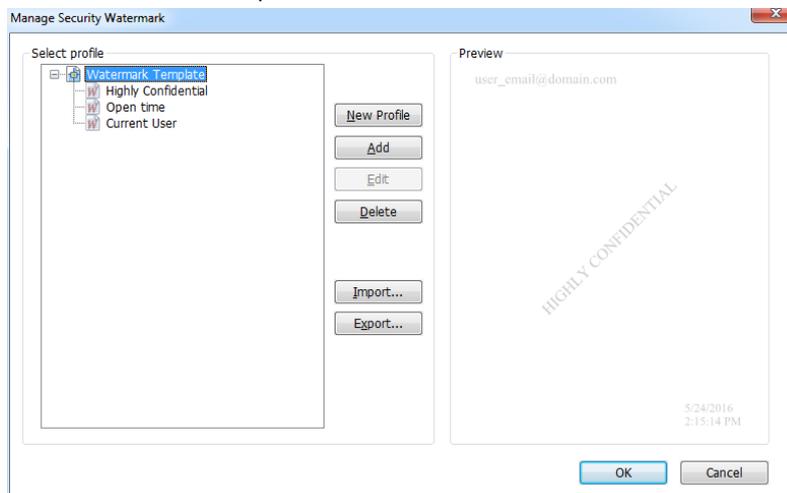
Security Watermark Management

1. Create Profile

Before adding a watermark, you should create a profile first. The application will apply all of the watermarks in the profile to the PDF.

Note: you can only choose a profile but not a certain watermark to use. Please create the watermarks you want to add to a PDF in the same profile.

- Choose **Protect > Settings > Security Watermark** to open **Manage Security Watermark** dialog box.
- Click **New Profile** to create a profile and name it.



2. Add Watermark

To add a new watermark, please do the followings:

- Open the **Manage Security Watermark** dialog box and select a profile you created and click **Add** to add watermarks in the profile.
- Type the watermark's name.
- Fill in the watermark's content in the text box and edit the settings for font, size, color, underline, and alignment.
Note: you can only set text as a watermark.
- Choose the Dynamic text. When any PDF reader opens the file, the watermark will show the current document information dynamically and will use multiple texts at the same time.

Content ID: shows the content ID of the current document.

Document Title: show the current document title.

Author: show the author of the current document.

Current User: show the current user who is reading the document.

Date: show the current system date when opening the document.

Day: show the current system day when opening the document.

Month: show the current system month when opening the document.

Year: show the current system year when opening the document.

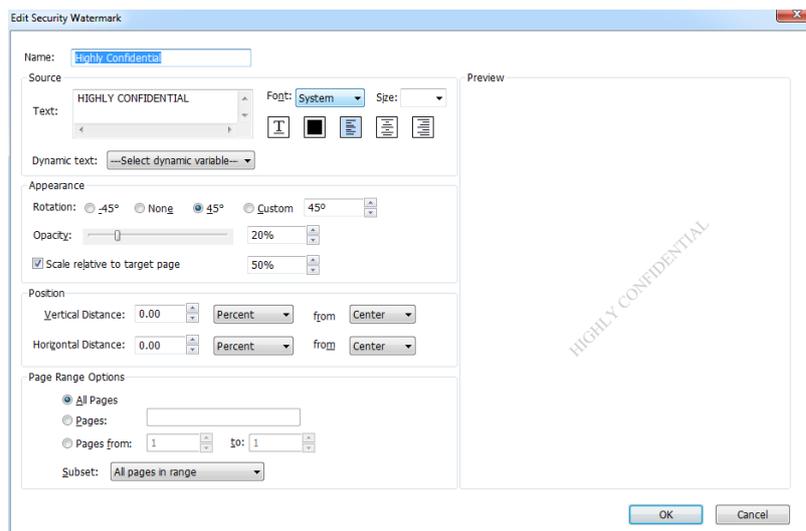
Time: show the current system time when opening the document.

Hour: show the current system hours when opening the document.

Minute: show the current system minutes when opening the document.

Second: show the current system seconds when opening the document.

- Set the appearance by choosing the rotation degree and the opacity. You also have the option to make the scale relative to the target page.
- Set the vertical and horizontal distance between the target page and the watermark.
- Choose the page range to display the watermark. You can select the different page range options by selecting from the subset list.
- Preview the watermark in the right pane.
- Click **OK** to finish it.



3. Edit or Delete Watermark

Edit a Watermark

- Open the **Manage Security Watermark** dialog box and select a watermark you want to edit.
- Click **Edit** to open the **Edit Security Watermark** dialog box.
- To edit the watermark, please refer to ["Add Watermark"](#).
- Click **OK** to finish the operation.

Delete a Watermark

- Open the **Manage Security Watermark** dialog box and select a watermark you want to delete.
- Click **Delete** to remove the selected watermark.

4. Import or Export Watermark

Import a Watermark

- Open the **Manage Security Watermark** dialog box and click **Import**.
- Choose a watermark with .xml format.
- Click **Open**.

Export a Watermark

- Open the **Manage Security Watermark** dialog box and select a watermark you want to export.
- Click **Export** and choose a file type and location to save.
- The watermark will be exported as an .xml file or an encoded file according to your choice. It can be integrated with the AD RMS policy template and applied to the PDF files by Foxit Reader (MSI).

Note:

1. If you want to integrate the watermark to a common policy template, please export it as an .xml file and add it to the template with Foxit Reader (MSI) directly.
2. If you want to integrate the watermark to an official policy template, please export it as an encoded file (.txt format) and integrate it into the template with AD RMS Scripting API Architecture. Then you can import the template and apply it to PDFs using Foxit Reader (MSI). (Please click [here](#) to see the example and use the value of "appData.Name" and "appData.Value" in the exported encoded file.)

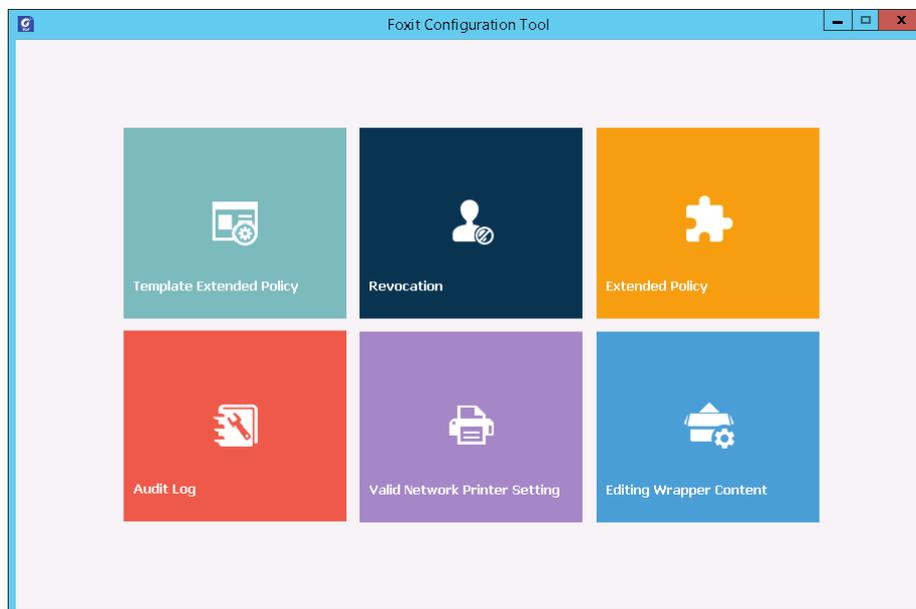
Foxit Configuration Tool

Foxit Reader RMS protector provides a handy configuration tool for administrators to better modify the protection settings on a RMS server. Administrators can directly enable/disable each tool, edit the extended policies of official templates, dynamically revoke permissions, audit logs, set valid network printers, and customize wrapper files.

To use the configuration tool to encrypt PDFs, please do the following:

- Log in to your RMS server.
- Download the Foxit Configuration Tool from:
For X86:
http://cdn01.foxitsoftware.com/pub/foxit/rms/configtool/8.x/FoxitConfigurationTool_32.zip
For X64:
http://cdn01.foxitsoftware.com/pub/foxit/rms/configtool/8.x/FoxitConfigurationTool_64.zip
- Unzip and Run Foxit Configuration Tool, you can then use the different tools in the

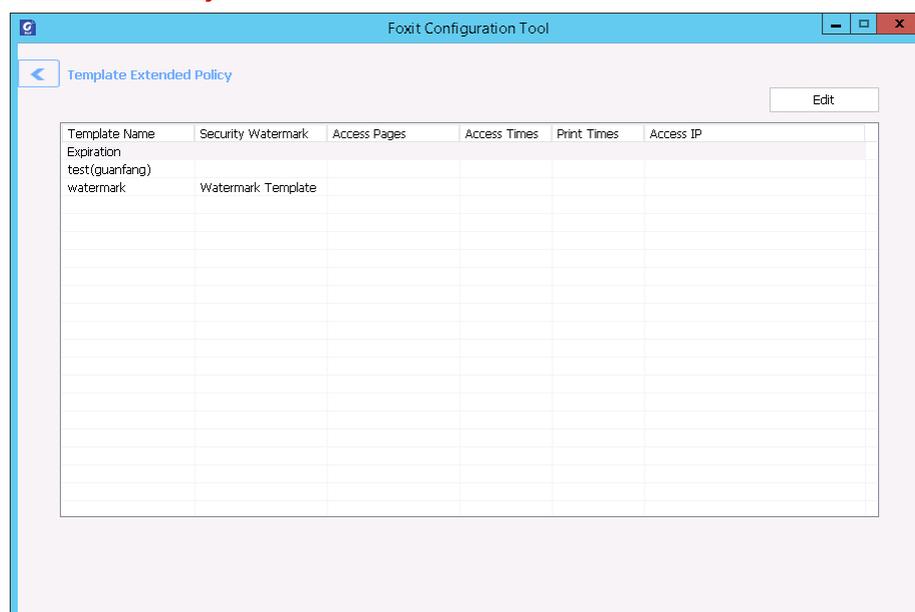
Foxit Configuration Tool window. **Note:** Before getting started, you need to configure the VBScript in the unzipped folder by inputting your specific localhost address and port number in the script. The default port number in the script is 80, such as `admin_role = config_manager.Initialize(true,"localhost",80,"","","")`. You need to change the port number to the one your server currently uses.



Foxit Configuration Tool Window

Template Extended Policy

With the **Foxit Configuration Tool**, administrators can easily edit the extended policy of official templates. Click **Template Extended Policy** tool and choose one template to edit. See also [Extended Policy](#).



Tip: Click the Back  button in the left corner to return to the Foxit Configuration Tool window.

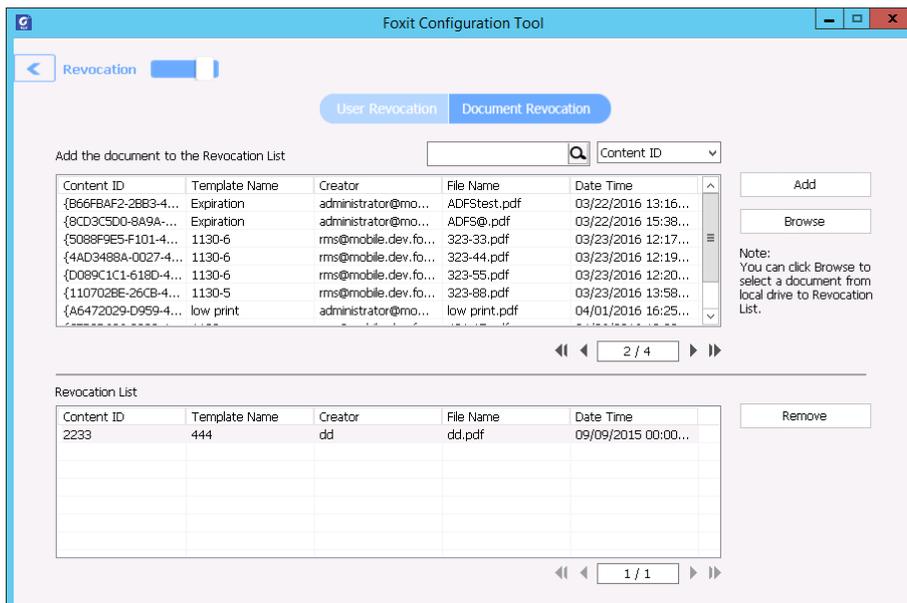
Dynamic Revocation

Revocation is a mechanism that revokes a PDF document that has already been issued. A common use of revocation is to remove rights from an individual when he is no longer authorized or to restrict access to a document when it becomes out of date or invalid.

Note: To revoke a PDF document/user in an on-premise environment, please refer to [Web Service Configuration](#) to configure the web service and SQL first. Then choose the **Revocation** tool in the Foxit Configuration Tool window and enable the tool by clicking the

button .

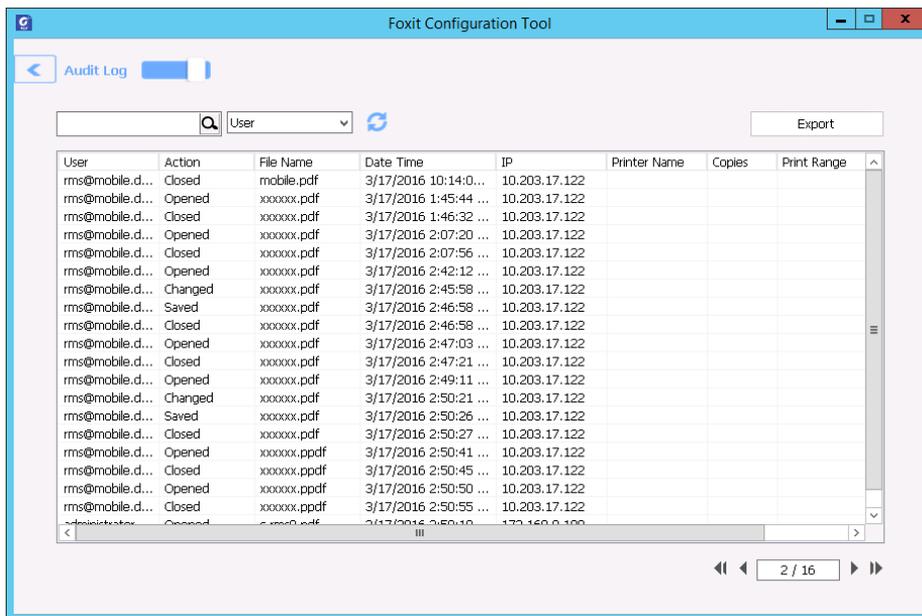
To revoke a PDF document, click **Document Revocation**. Select the PDF document you want to revoke, click the **Add** button to add the document to the Revocation List. Or you can click **Browse** to select a document from a local drive to add to the Revocation List. To remove the revocation, please select the document in the Revocation List and click the **Remove** button.



To revoke a user, click **User Revocation**. Click **Add** button to add a user to the User Revocation List. To remove the revocation, please select the user in the list and click **Remove** button.

actions on the files during workflow, including who accessed the document, what document was accessed, when it was accessed, how it was accessed and the success of that access, and more.

To audit logs, please refer to [Web Service Configuration](#) to configure the web service and SQL first, and then choose the **Audit Log** tool in the Foxit Configuration Tool window and enable the tool by clicking the button  .



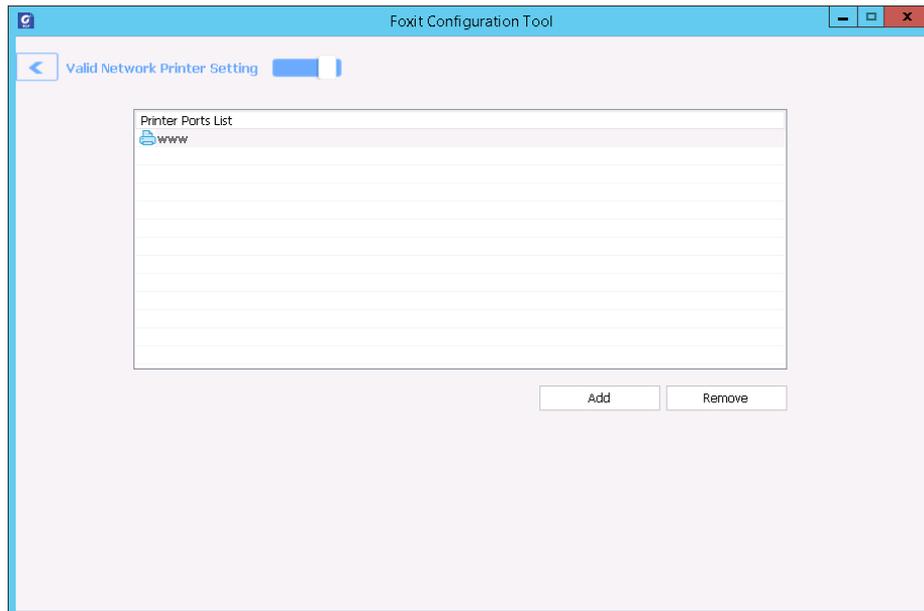
Choose one log and click on the **Export** button to export to Foxit Reader's registry or Foxit PhantomPDF's to generate a .reg file for the administrator's configuration. The administrator can distribute the .reg file to client-end computers.

Restrict Local Printing

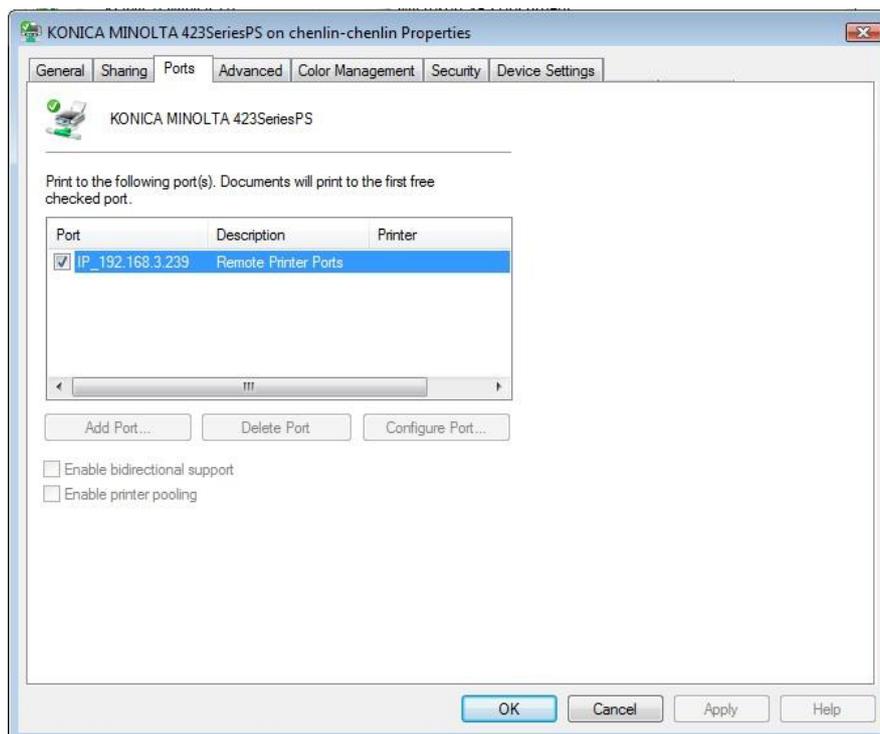
You can also set the printing permissions by specifying certain network printers to protect the sensitive information from being printed arbitrarily.

✧ Network Printers Configuration

To avoid unauthorized printing of sensitive documents, you can limit the printing permissions to certain network printers. To configure network printers, please refer to [Web Service Configuration](#) to configure the web service and SQL first, and then click the **Valid Network Printer Setting** tool and in the "Foxit Configuration Tool" window click the button  to enable this tool.



1. You should get the Printer Port first. Please go to **Start > Devices and Printers > right-click a network printer > Printer Properties**. In the printer properties dialog box, select the **Ports** tab and get the information, e.g.: "IP_192.168.3.239" is the printer port.



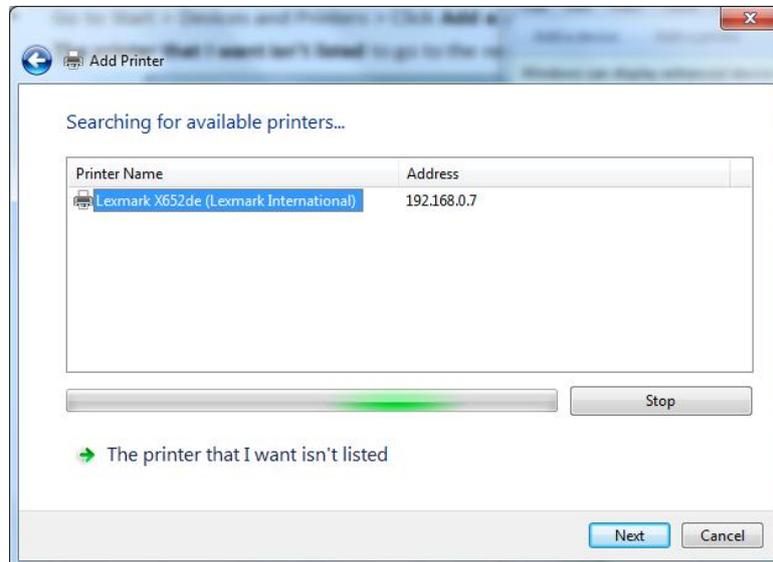
2. Click **Add** button in the "Foxit Configuration Tool" dialog box to add the Printer Port. You can also remove a printer port by choosing it and clicking **Remove**.

Note: About how to add a network printer, please see "[Add a Network Printer](#)".

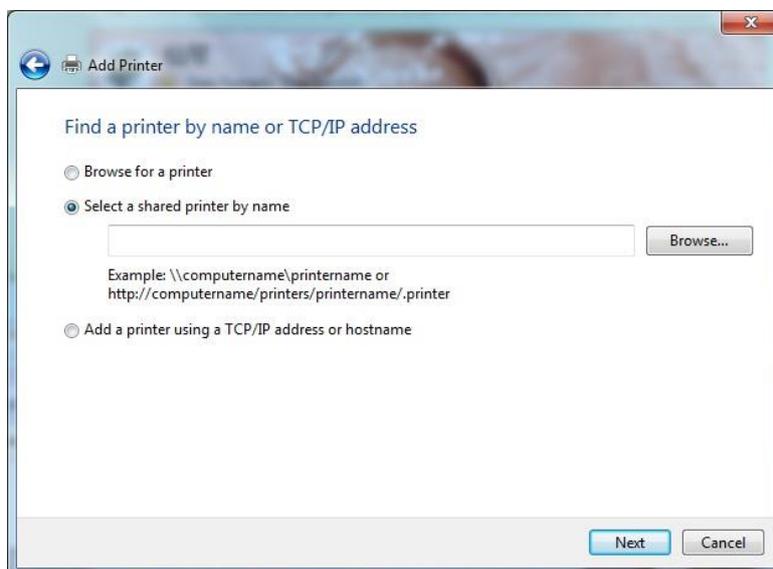
✧ Add a Network Printer

There are two devices to add a network printer as below:

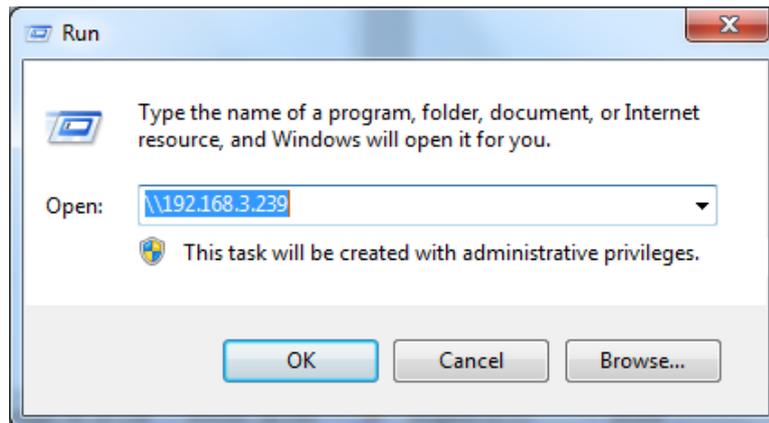
- Go to **Start > Devices and Printers > Click Add a printer**. In the **Add Printer** dialog box, click **The printer that I want isn't listed** to go on to the next step.



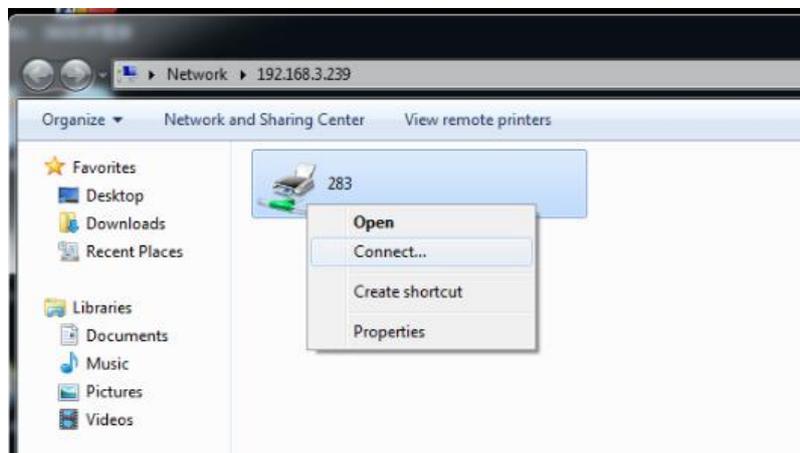
Follow the instructions shown in the **Add Printer** dialog box shown below to complete adding a printer.



- Open the **Run** box by pressing shortcut keys **Win + R**, enter the printer URL you want to add and click **OK**.



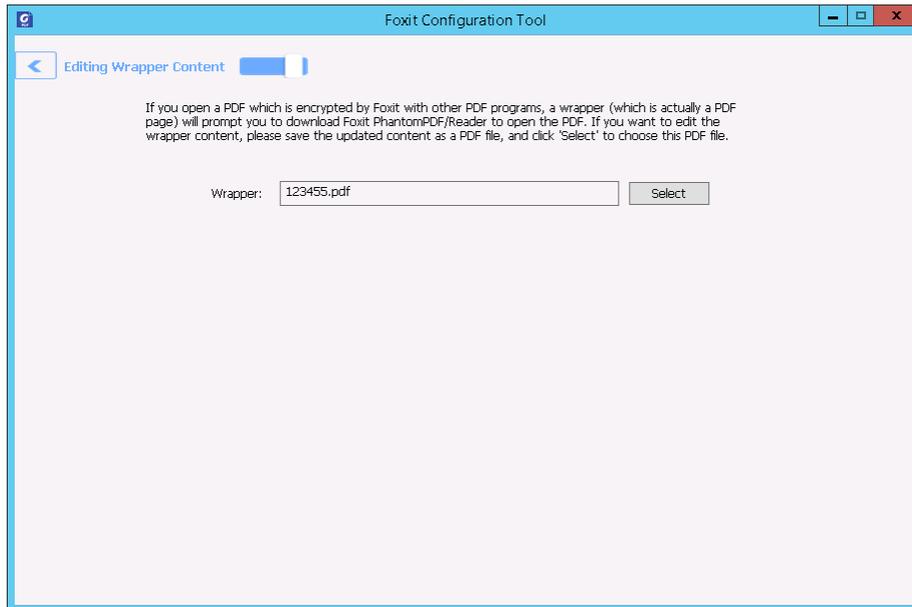
In the pop-up dialog box, right-click the printer and choose connect on the context menu.



Edit Wrapper Content

If you open a PDF which is encrypted by Foxit with other PDF viewers, a wrapper (which is a PDF page) appears with a prompt that you need to download Foxit Reader/PhantomPDF to open the encrypted PDF. With Foxit Configuration Tool, you can customize the wrapper by selecting a desired PDF file.

To apply a custom wrapper, please refer to [Web Service Configuration](#) to configure the web service and SQL first. Then choose the **Edit Wrapper Content** tool in the Foxit Configuration Tool window, enable the tool by clicking the button , and select a desired PDF file.



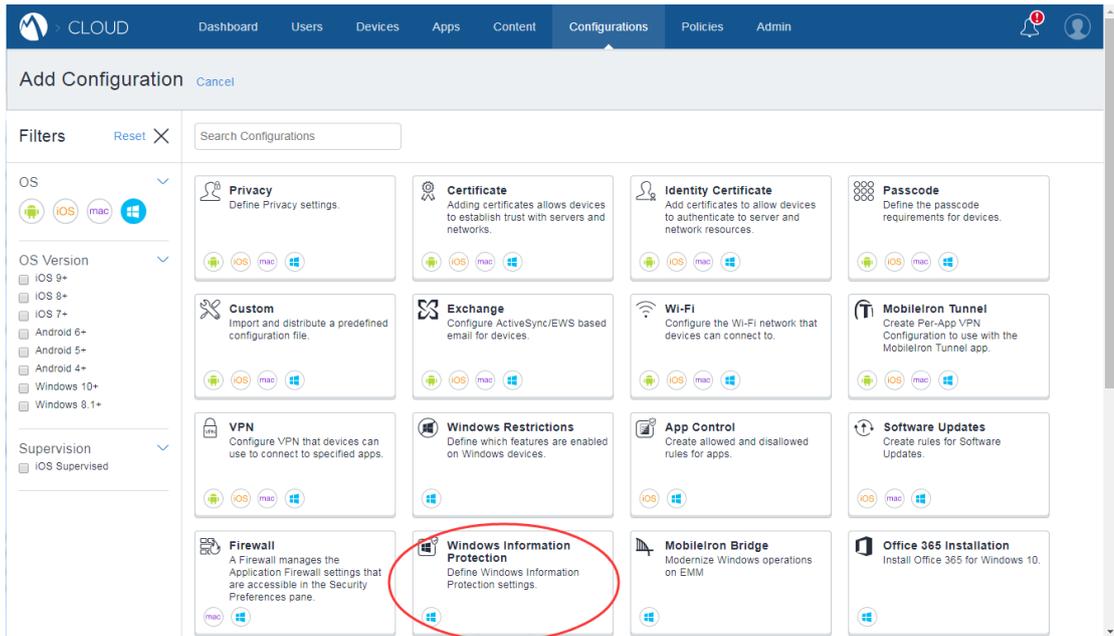
Window Information Protection (Available in Foxit Reader MSI Package Only)

Windows Information Protection (WIP), a feature that enterprises use to protect enterprise data by encrypting it and separating it from personal (or employees') data, provides a way to manage data policy enforcement for enterprise apps and documents. For enterprises that are using WIP policies can include Foxit Reader and network locations in their policy restriction on PDF documents, which helps to protect enterprise data against potential data leak on enterprise owned-devices and personal devices that employees bring to work.

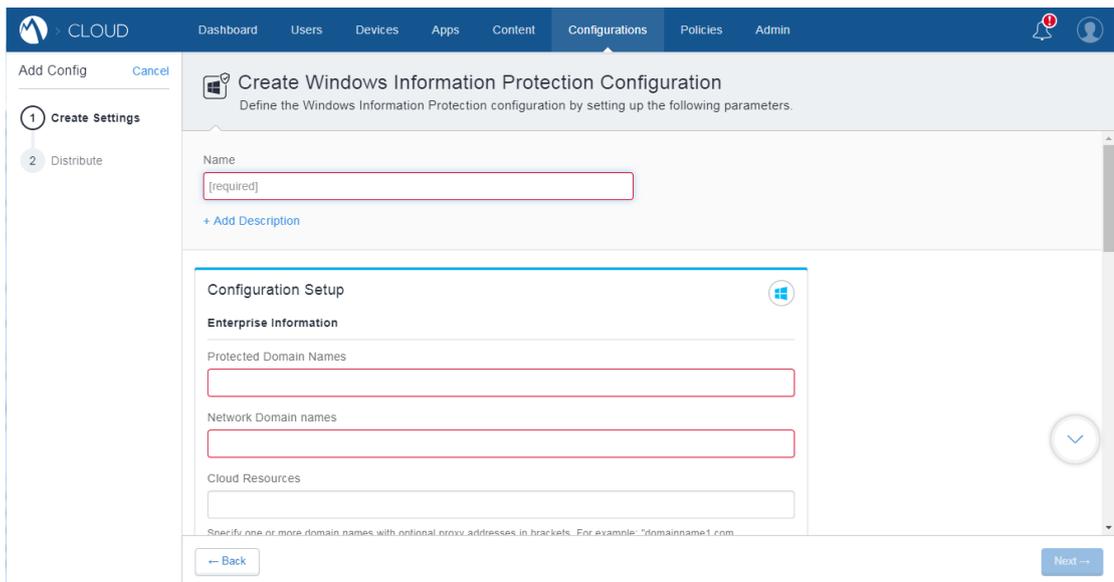
Note: To run WIP in your system, Windows 10 (version rs2 and later) is required.

Administrators in enterprises often use Microsoft Intune or MobileIron to define and deploy WIP policies. Here, we'll use a MobileIron example to explain how to add Foxit Reader and the network locations to your WIP policies.

1. Sign in MobileIron at <https://login.mobileiron.com/login.html> in the Google Chrome browser or Firefox browser.
2. Go to **Configuration** > **+ Add** to create a WIP configuration (or a WIP policy).
3. (Optionally) You can choose an existing WIP configuration to add Foxit Reader and the network locations where Foxit Reader can access enterprise data.
4. In the left part of the webpage, click on the Windows icon  in the OS option. Then select the **Windows Information Protection** configuration from configuration types in the right part of the webpage.



5. Enter a name and a description for the configuration.



6. In the **Configuration Setup** section, specify the settings as appropriate (For the details, please refer to [MobileIron's help on WIP](#)). You can add the network locations and Foxit Reader to the WIP configuration in **Cloud Resources** and **App Control** respectively.
7. Click **Next**.
8. Select a distribution for this configuration.

Note: For **Cloud Resources**, add the Enterprise resource domains hosted in the cloud where Foxit Reader can access the enterprise data. You can choose one or multiple network locations to be protected with your WIP policies from the following URLs as needed. If you have multiple resources, separate them using the semicolon.

OneDrive for Personal: onedrive.live.com

Dropbox: www.dropbox.com

Box: www.box.com

Google Drive: drive.google.com

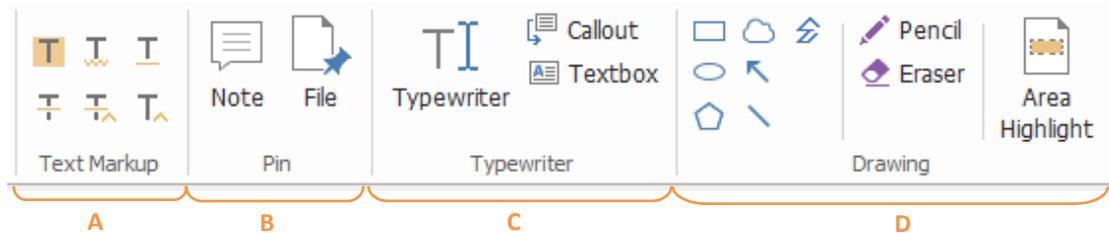
*(Note: For **SharePoint** network, you can enter your custom URL.)*

Chapter 5 – Comment

Foxit Reader provides you with various commenting tools to add comments in PDF documents. Comments can be notes or drawings that are intended as an opinion, an explanation, an illustration, or a statement of fact or opinion, essentially a remark that expresses personal reaction or attitude. You can type a text message or add a line, circle, or other types of shape to make comments in PDFs with Foxit Reader commenting commands. You can also edit, reply, delete, and move comments with ease.

About the Commenting Commands

Annotation commands make adding annotations on PDFs possible. There are various groups of annotation commands with different functions for you to choose: Typewriter, Drawing Markups, and Text Markups. They are placed under the **Comment** tab.



A: Text Markups

B: Note and File Comment

C: Typewriter

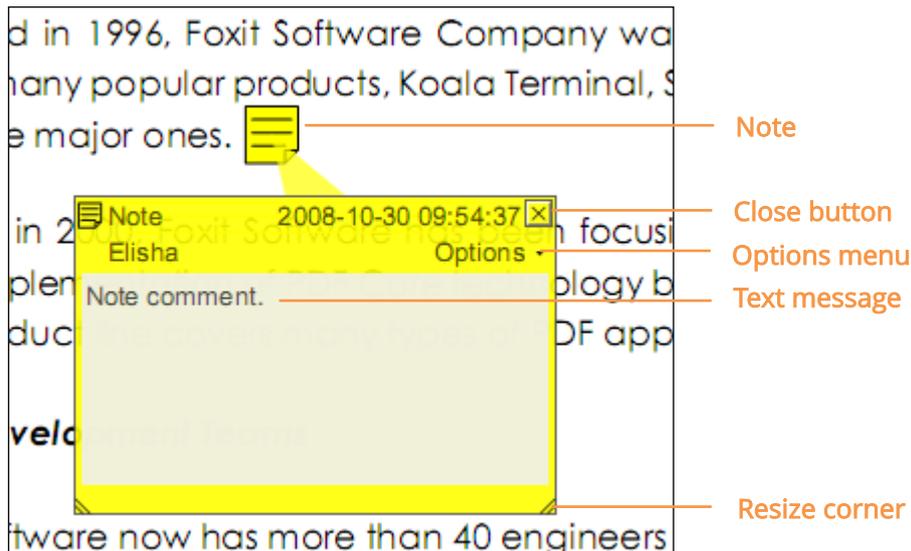
D: Drawing Markups

Selecting Commands to Add Comments

- Select **Comment** > select a command you want to use under the toolbar.

Adding Note Comments

The most used type of comments is the note comments. A note comment leaves a note icon on the page where you placed it, and a pop-up note for your text message (If the pop-up note disappears, you can double-click the note icon to show it.). Read below to learn how to add a note comment in the document.



To Add a Note Comment

- Choose **Comment > Note** .
- Click where you want to place the note.
- Type text in the pop-up note. You can also use the Select Text and Image command  to copy and paste text from a PDF into the note, or copy the note to other applications using Ctrl + C. Text that you input in the pop-up note will be shown in the default font and size specified in the [comment preferences](#). If you need to format the text in the pop-up note, select the text and choose the desired option in the **Comment Format** context tab. When you change the font and size for text in the current pop-up note, Foxit Reader will remember the font and size, and apply them in the new pop-up notes until you change it or restart the application. After you change the font and size, the text format for the pop-up notes listed in the Comment Panel will be changed accordingly as well.

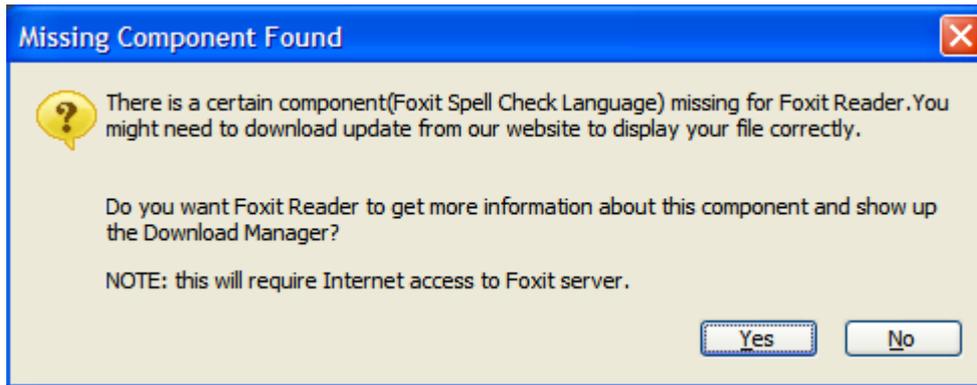
Editing a Note Comment

- Click the text message.
- Make changes as needed.
- Drag its lower right corner to resize the pop-up note.
- Click and drag the title of the pop-up note to move its position.
- When finished, click the title of the pop-up note, or click outside the pop-up note.
- (Optional) Do one of the following to close the pop-up note.
 - A. Click the close button in the pop-up note.
 - B. Double-click the markup.
 - C. Right-click the markup, and choose **Close Popup Note**.
 - D. Choose **Close Popup Note** from the **Options** menu of the pop-up note.

Using the Spell Checker

You are able to use the Spell Checker if the security settings allow you to. When you are trying to input any text in the pop-up note, you will be prompted to download the Foxit Spell Check Language component if it hasn't been installed on your computer yet. Click **Yes** to download this update.

To download this add-on from the Foxit Website, see also "[Spell Checker](#)".



If you have installed Spell Checker, when you type any English text in the pop-up note, this tool will try to find any spelling errors and will highlight them with squiggly lines.

- Right click on the misspelled words, and you will see a list of suggested words.
- Choose one of the suggested words to replace the original text, or ignore the squiggly line.

If you want to disable spell check, please go to **File > Preferences > Spelling** > uncheck **Enable spell check** option.

Tip: You can add, remove, or reorder dictionaries in **File > Preferences > Spelling**.

Aligning and Centering Note Comments

- Choose the Note command , Hand command  or Select Annotation command .
- Follow the steps specified in "[Working with multiple images](#)".

Deleting a Note Comment

- Choose the Note command , Hand command  or Select Annotation command .



- Do one of the following:
 - A. Click the note icon, and press the **Delete** key.
 - B. Right-click the note icon, and choose **Delete** from the pop-up context menu.
 - C. Choose **Delete** from the **Options** menu of the pop-up note.

Using the Text Markups

You can use the Text Markup commands to indicate which text should be edited or noticed. Text Markups fall within the comments category and can be made visible/invisible by clicking **Comment > Comments > Show All/ Hide All**. They do not change the actual text in the PDF. Instead, they indicate which text should be deleted, inserted, highlighted, or underlined. Text Markup commands include the Highlight, Underline, Strikeout, Squiggly Underline, Replace Text and Insert Text.

Text Markups

Button	Name	Description
	Highlight	To mark important passages of text with a fluorescent (usually) marker as a means of memory retention or for later reference.
	Underline	To draw a line under to indicate emphasis.
	Strikeout	To draw a line to cross out text, making others know the text is deleted.
	Squiggly Underline	To draw a squiggly line under.
	Replace Text	To draw a line to cross out text and provide a substitute for it.
	Insert Text	A proofreading symbol (^) used to indicate where something is to be inserted in a line.

Foxit Reader offers convenience to users when they change color and opacity of the comments. You can modify color and opacity, and then add any Text Markups to the PDF file. Foxit Reader will automatically remember the color and opacity settings.

Using highlight, underline, strikeout, squiggly and replace command

1. Highlighting, underlining, striking out, squiggling or replacing text

- Choose **Comment > Highlight** , **Underline** , **Strikeout** , **Squiggly Underline** , **Replace Text** or **Insert Text** .

- Click and drag from the beginning of the text that you want to mark up.

2. Adding text to highlight, underline, strikeout, or squiggly markups

- Select the Hand command , Select Annotation command  or the corresponding Text Markup tool > right-click the markup > choose **Open Popup Note**.
- Type text in the pop-up note. You can also use the Select Text and Image command  to copy and paste text from a PDF into the note, or copy the note using Ctrl + C in other applications. Text that you input in the pop-up note will be shown in the default font and size specified in the [comment preferences](#). If you need to format the text in the pop-up note, select the text and choose the desired option in the **Comment Format** context tab. When you change the font and size for text in the current pop-up note, Foxit Reader will remember the font and size and apply them in the new pop-up notes until you change it or restart the application. After you change the font and size, the text format for the pop-up notes listed in the Comment Panel will be changed accordingly as well. For highlighted text, a small sticky note will be shown around the text if it includes text comments in its pop-up note.
- (Optional) Do one of the following to close the pop-up note. A note icon appears to the right of the markup to indicate the presence of text in the pop-up note.
 - A. Click the close button in the pop-up note.
 - B. Double-click the markup.
 - C. Right-click the markup, and choose **Close Popup Note**.
 - D. Choose **Close Popup Note** from the **Options** menu of the pop-up note.

Tip: If you want to add the selected text in PDF document to the pop-up notes of text markups automatically, please go to **File > Preferences > Commenting** and check the **Copy selected text into Highlight, Squiggly Underline, Underline, and Strikeout comment pop-ups** option.

3. Deleting a highlight, underline, strikeout, squiggly underline, or text replacement

Do one of the following:

- Select the Hand command , Select Annotation command  or the corresponding Text Markup command > click the markup > press **Delete** key.
- Select the Hand command , Select Annotation command  or the corresponding Text Markup command > right-click the markup > choose **Delete** from the pop-up context menu.
- Choose **Delete** from the **Options** menu of the pop-up note.

Using the Select Text and Image Command

The Select Text and Image command enables you to use most text editing features, including highlight, strikethrough, underline, squiggly and replacement. It has integrated the Select Text function with Text Markup commands. When you select text with the Select Text and Image command, a menu of text editing options will appear on the right click context menu. Also, you can use the Select Text and Image command to add bookmarks for PDF files.

Marking up Text with Edits

- Choose **Home > Select Text and Image** .
- Select the text you want to mark up > right-click the selected text, and then refer to "[Using the Text Markups](#)".

Using the Drawing Markups

Drawing markups help you to make annotations with drawings, shapes, and text. You can use the Drawing Markups to mark up a document with arrows, lines, squares, rectangles, circles, ellipses, polygons, polygon lines, clouds, and other shapes. Drawing Markups provide another kind of annotation. The table below describes exactly what Drawing Markups do.

Drawing Markups

Button	Name	Description
	Arrow	To draw something, such as a directional symbol, that is similar to an arrow in form or function.
	Line	To mark with a line.
	Rectangle	To draw a four-sided plane figure with four right angles.
	Oval	To draw an oval shape.
	Polygon	To draw a closed plane figure bounded by three or more line segments.
	Polyline	To draw an open plane figure with three or more line segments.
	Pencil	To draw free-form shapes.
	Eraser	An implement, acts as a piece of eraser, used for erasing the pencil markups.
	Cloud	To draw cloud shapes.
	Area Highlight	To highlight a specified area, such as a certain text range, an image and blank space.

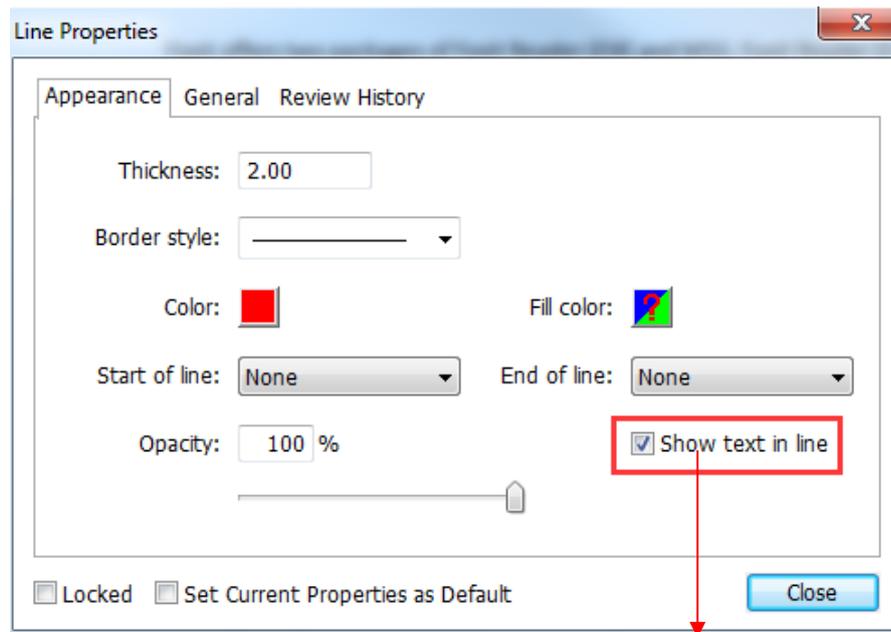
Adding Drawing Markup

Consider the effect you want before selecting a drawing command.

- Choose **Comment** and click the drawing command as needed in the **Drawing** group.
- To draw a line or arrow, drag the cursor across the area where you want to markup.
- To draw a square, rectangle, circle, or oval, drag the cursor across the area where you want the markup to appear.
- To create a polygon, polyline, or cloud shape, click to create the start point, move the pointer, and then click to create each segment. To finish drawing the shape, double click to complete it.
- To draw free-form lines using the Pencil command  **Pencil**, drag across the area to make any shape you want. You can release the mouse button, move the pointer to a new location, and continue the drawing.
- To erase parts of the pencil drawings, select the Eraser command  **Eraser**, click the pencil drawings, and click them again when an eraser appears on the drawings.

Tips:

- To draw a line that is horizontal, vertical, or at a 45-degree angle, hold Shift while you draw with the Line command.
- To draw a square or circle with the Oval command or Rectangle command, press Shift while you draw.
- Double-click the markup to write the comment. If you need to format the text in the pop-up note, select the text and choose the desired option in the **Comment Format** context tab.
- Right-click the markup or click the option on the comment box to open the properties box. Set the properties according to your requirements.
- If you draw a line or arrow, you can enable the comment to be shown on the line or arrow by checking **Show text in line** in the **Line Properties** dialog box.

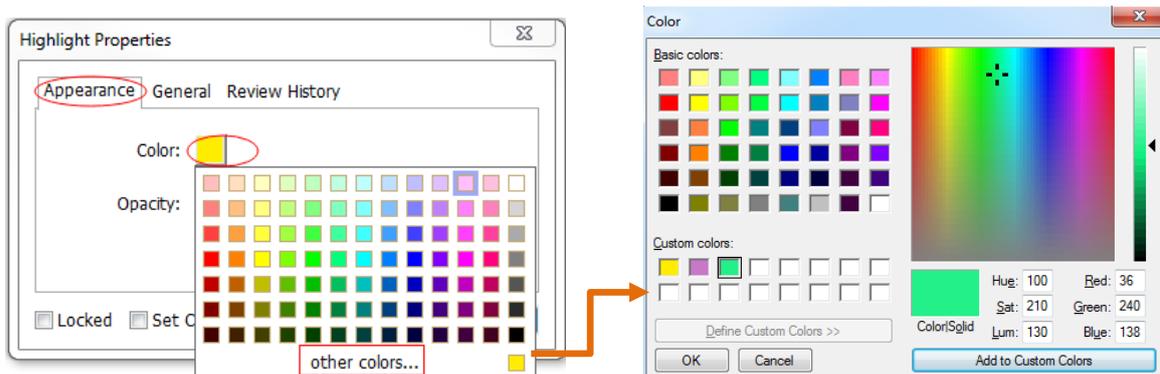


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Adding Area Highlight

Foxit Reader lets you highlight specified areas, such as a certain text range, image, or blank space.

- To highlight an area, select **Comment > Area Highlight** , and then click and drag the mouse across the text range, image, or blank space that needs to be highlighted.
- The areas will be highlighted in yellow by default. To change the highlight color, right click the highlighted area, select **Properties**, and then choose a color as needed in the **Appearance** tab on the **Highlight Properties** dialog box. You can also click **other colors** to customize and apply desired colors to highlight the selected area. Foxit Reader will automatically save the custom colors and have them shared by all the annotation commands.



Adding Free-form Annotation with PSI (Pressure Sensitive Ink)

Foxit Reader adds PSI support for free-form annotation. You can use the Surface Pro Pen or Wacom Pen to add free-form annotations with PSI in PDFs. Detailed steps are as follows:

- (For Surface Pro users) Choose **Comment** > **Pencil**, and then add free-form annotations as desired with the Surface Pro Pen;
- (For Wacom tablet users) Connect your Wacom tablet to the computer, choose **Comment** > **Pencil**, and then add free-form annotations with the Wacom Pen.

Editing, resizing or moving the markup

Use the Hand command  , Select Annotation command  or the corresponding Drawing command to select a drawing markup.

- To edit the drawing markup, right-click it, select **Properties** and do settings as needed.
- To resize the drawing markup, select it, put the cursor on one of the green points, and drag one of the handles to make your adjustments.
- To move the drawing markup, select it, and drag it to the target place.
- To add a pop-up note to the markup, select it, and double-click the markup or right-click it and choose **Open Popup Note**.
- If you draw a line or arrow, you can enable the comment to be shown on the line or arrow by checking **Show text in line** in the line properties box.
- Check **Set Current Properties as Default** so that the current settings can be applied next time by default.

Aligning and centering drawing markups

- Choose the Hand command  or the Select Annotation command .
- Follow the steps specified in "[Working with multiple images](#)".

Deleting the Markup

Do one of the following:

- Select the Hand command , Select Annotation command  or the corresponding Drawing command > select the markup to be deleted > press the **Delete** key.
- Select the Hand command , Select Annotation command  or the corresponding

Drawing command > right-click the drawing markup > choose **Delete** from the context menu.

- Choose **Delete** from the **Options** menu of the pop-up note.

Grouping the Markups

Grouping drawing markups enables you to combine them so that you can work with them altogether. You can move or delete the group, set its status, change its appearance, and apply other preferences.

Select the Hand command  or Select Annotation command , and do one of the following:

- To group the markups, select the markups you want to group by pressing Ctrl > right-click on one of the selected markups, and then choose **Group**.
- To work with a group, select one of the markups, and then work with the grouped comment just like working with a single comment.
- To ungroup the markups, select the group > right-click on it, and choose **Ungroup**.

Using the Typewriter Commands

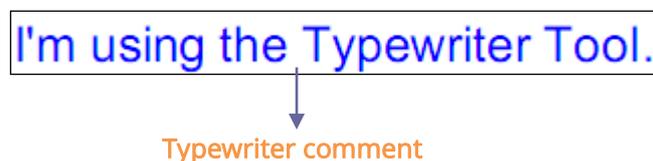
The Typewriter commands include Typewriter, Callout, and Textbox.

Using the Typewriter Command

You can use the Typewriter command to add comments anywhere on a PDF.

Note: The Typewriter command can be used to fill forms.

See also ["Filling non-interactive forms"](#).



Adding Comments with Typewriter

- Choose **Comment** and click Typewriter command.
- Put the pointer on the area to type any text you want. The **Comment Format** tab appears for you to specify the font format, add bulleted/numbered lists to paragraphs, align text, etc. See also ["Setting Typewriter Preferences"](#).

- Press **Enter** if you want to start a new line.
- To finish typing, click anywhere outside the text you have inputted.

Editing the Typewriter Comment

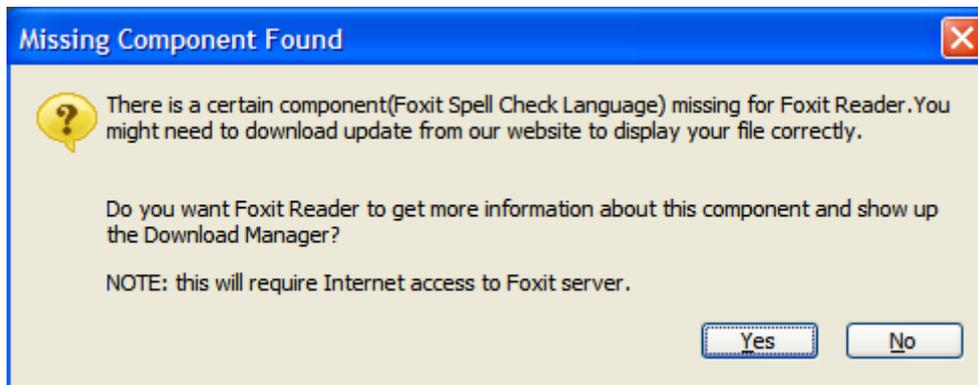
- Choose **Comment** and click the Typewriter command  on the toolbar.
- Put the pointer between the letters and double click to activate the typewriter text field.
- Do any changes to the text you have inputted. Use the Backspace or Delete keys to delete the characters before or after the pointer.
- To finish editing, click anywhere outside of the text field.

Tips: You can use the Arrow Keys to move the pointer right and left, or up and down.

Using the Spell Checker

You are able to use the Spell Checker if the security settings allow. When you are trying to insert any text with Typewriter, you will be prompted to download Foxit's Spell Check Language component if this package hasn't been installed on your computer yet. Click **Yes** to download this update.

To download this add-on from the Foxit Website, see also ["Spell Checker"](#).



If you have installed Spell Checker, then when you use typewriter to insert any English text, this tool will try to find any spelling errors and will highlight them with squiggly lines.

- Right click on the misspelled words, and you will see a list of suggested words.
- Choose one of the suggested words to correct your input or just ignore the squiggly line.

Moving the Typewriter Comment

Do one of the following:

- Choose **Comment** and click the Typewriter command  on the toolbar, and follow the steps below:
 - A. Put the pointer between the letters to activate the typewriter text field.
 - B. Move the pointer to the leftmost or rightmost side of the text field.
 - C. When the cursor turns to an arrow , hold down the mouse and drag the typewriter comment to the intended place.

Tips:

- ✧ You can use the Home, End or Arrow Key to move the cursor among characters.
- ✧ When moving the typewriter comment, a rectangle appears.
- (Recommended) Select Hand command  or Select Annotation command , click the typewriter comment, and move it to the intended place.

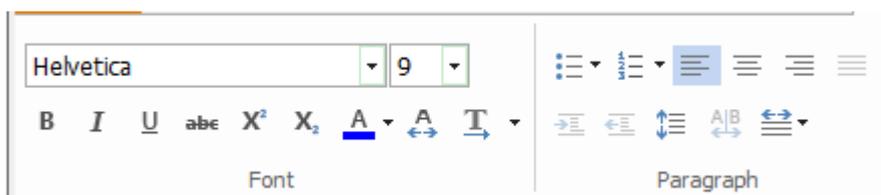
Deleting the Typewriter Comment

Do one of the following:

- Choose **Comment** and click the Typewriter command  on the toolbar. Position the cursor to the ending or beginning of the text, drag the cursor to select them all, and press the **Delete** key.
- (Recommended) Click the Select Annotation command  or Hand command , right-click the text field, and choose **Delete**.

Setting Typewriter Preferences

Click the Typewriter command  on the toolbar and select the **Comment Format** context tab, which will expand typewriter's toolbars to let you set the font style, size, color, direction and alignment of text.



1. Modifying current font style, size and color of the typewriter

- To modify font style, drop down the Font list box, and select the font you want. Or you can type the font name in the Font list box, and press **Enter** to apply it.
- To modify font size, drop down the Font Size list box on the Typewriter toolbar, and select an ideal size for your text. Also, you can input the font size in the Font Size list box, and press **Enter** to apply it.
- To set a typewriter font as default, just choose the right font and color. When you close out of the program, it will save, and will default to what you saved before when you open the program.
- To change the color of the current typewriter font, click the Color button  on the Typewriter toolbar, and select a color as needed.
- To apply the bold formatting to the current typewriter font, click the Bold button  on the Typewriter toolbar.
- To apply the Italic formatting to the current typewriter font, click the Italic button  on the Typewriter toolbar.
- To cross out the text, select the text to be crossed out and click the Strikeout button  on the Typewriter toolbar.
- To underline the text, select the text to be underlined and click the Underline button  on the Typewriter toolbar.
- To add a superscript or subscript to the text, click the Superscript button  or Subscript button  on the Typewriter toolbar.

2. Changing the text direction

To change the text direction of typewriter comments, please do one of the following:

- Click the Writing Direction command on the Typewriter toolbar, and choose **Left to Right**  or **Right to Left**  as needed.
- Select the text in typewriter comment, right click it, and choose **Writing Direction > Left to Right** or **Right to Left** from the context menu.

Note: By default, text direction switching is enabled in Foxit Reader. If you could not find the writing direction options in Foxit Reader, you can go to **File > Preferences > Commenting**, and check **Enable text direction switching** to enable the text direction switching feature. You can also choose a text direction from the preferences as the default direction for text comments.

3. Aligning text and organizing text with bulleted/numbered lists

You can set the alignment of any inputted text using the text-align buttons. These buttons

can be used to set the alignment for text in multiple lines. You can also add bullets or numberings to the text to keep the comment organized.

- To align text to the left, click the **Align Left** button  on the Typewriter toolbar.
- To center text, click the **Center** button  on the Typewriter toolbar.
- To align text to the right, click the **Align Right** button  on the Typewriter toolbar.
- To add a bulleted list or numbered list to the text, select the text first, click the **Bullets** button  or Numbering button  on the Typewriter toolbar, and then choose the desired bullet or numbering from the Bullet Library.

4. Changing current character space and scaling

- To change the character space of the current typewriter text, click the **Character Spacing** button  on the Typewriter toolbar. The **Character Spacing** dialog box appears. Then enter the intended value in the Point box, and click **OK** to change.

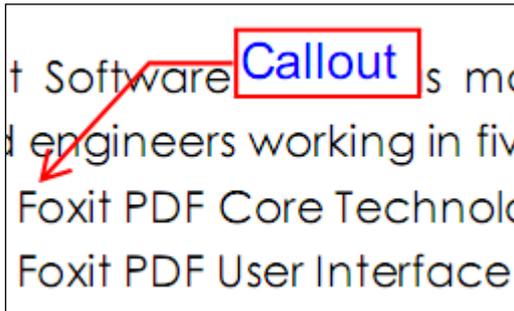
Note: The value inputted should be ≥ 0 .

- To change the horizontal scale of the current typewriter text, click the **Character Scale** button  on the Typewriter toolbar, select a percentage from the drop-down menu, or click **More** to manually enter a customized percentage.
- To change line spacing of the current typewriter text, click the **Line Spacing** button  on the Typewriter toolbar, enter the value to adjust the spacing, and click **OK**.

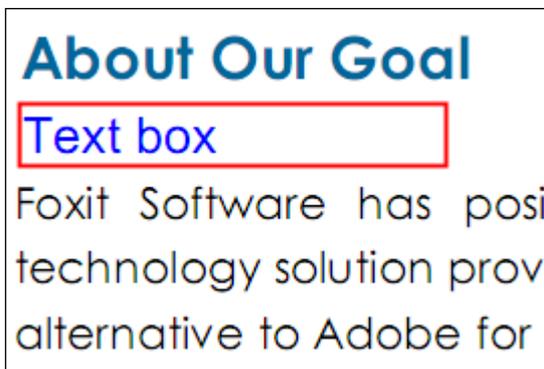
Adding Comments in a Text Box or Callout

The Callout and Textbox features are designed for users to create comments in a callout format text box or just a box.

A callout text box contains a text box and an arrow, which is especially useful when you want to single out (but not obscure) a particular area of a document.



A text box is a rectangle of any size, with a border that separates the text box from the rest of the interface, allowing the user to input text. A text box usually remains visible on the document page. It doesn't close like a pop-up note.



Note: Callout text boxes and Text boxes only allow for horizontal text.

Adding a Callout or Text Box

- Choose **Comment** > **Callout/Textbox**.
- Click the place where you want to insert the callout or text box. The **Comment FORMAT** tab appears for you to specify the font format, add bulleted/numbered lists to paragraphs, align text, etc. See also "[Setting Callout or Text Box Preferences](#)".
- Type the text. Text wraps automatically when it reaches the right edge of the box.

Resizing, moving, editing or deleting a callout or text box

Select the Hand command  or Select Annotation command , and do one of the following:

- To resize the callout or text box, select it, and drag any of the handles to resize it.
- To move the textbox only, click inside the box (the cursor changes to an across ) , and drag it to the intended place. To move the entire callout, click on the arrow or the edge of the box (the cursor changes to an arrow ) , and drag it to the desired place.

- To set the border color or the fill color for the text in the callout and text boxes, click on the **Line Color** button  or the **Fill Color** button  under the **Comment Format** context tab to change the colors.
- To delete the callout or text box, select it and press **Delete**, or right-click it, and then choose **Delete**.

Aligning and Centering Callout or Text Box Comments

- Choose the Hand command  or Select Annotation command .
- Follow the steps specified in "[Working with multiple images](#)".

Setting Callout or Text Box Preferences

Please refer to "[Setting typewriter preferences](#)".

About pop-up notes

Most comments (except file attachments, Typewriter, Callout, Text Box, and Eraser) include a pop-up note associated with them. You can type text message in their pop-up notes to communicate ideas or provide feedback for the document (See also [Replying to comments](#)). This type of pop-up note also includes an **Options** button which provides various options for more actions. (*Note: For all types of comments except the Eraser comment, when you put the cursor over them, a message note appears showing the information about the comment like the author, the text he typed, or the name of the file attachment.*)

Sometimes pop-up notes are hidden or closed. To open pop-up notes, select the **Hand** command , **Select Annotation** command , or the corresponding commenting tool, and then do any of the following:

- Right-click the comment, and choose **Open Popup Note** to open the pop-up note of the selected comment or **Open All Popups** to open the pop-up notes of all the comments in the document.
- Double-click the comment.
- Click **Comment > Popup Notes > Open All** to open the pop-up notes of all the comments in the document.

To close or hide pop-up notes, select the **Hand** command , **Select Annotation** command , or the corresponding commenting tool, and then do any of the following:

- Click the **Close** button on the pop-up note.
- Right-click the comment, and choose **Close Popup Note** to close the pop-up note of the selected comment or **Close All Popups** to close the pop-up notes of all the comments in the document.
- Double-click the comment.
- Click **Comment > Popup Notes > Close All** to close the pop-up notes of all the comments in the document.

Note:

1. If you choose **Comment > Comments > Hide All**, all comments in the document along with their associated pop-up notes will be hidden; choose **Comment > Comments > Show All**, all comments in the document along with their associated pop-up notes (except any you had closed) will reappear.

2. When viewing comments, the text in pop-up notes will be displayed in the font and size you specified in the [comment preferences](#). To change the default setting, please go to **File > Preferences > Commenting**, and specify the font and size in the **Viewing Comments** group.

Managing Comments

Selecting multiple comments

1. Select the Select Annotation command .
2. Press and hold Shift or Ctrl and click the comments you want to edit. To select all comments in the document, click on a blank area in the **Comments** panel and press Ctrl + A.

Viewing Comments

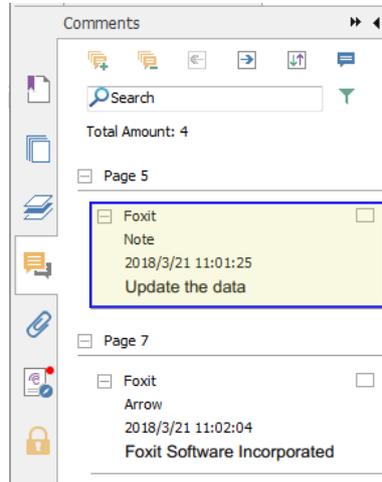
Viewing all Comments

Foxit Reader lists all the comments in the Comments panel. The Comments panel displays the total number of comments and also provides common options such as sorting and filtering to help users work with comments.

To view all the comment in the Comments panel:

- Go to **View > Navigation Panels > Comments** or click  in the Navigation pane to open the Comments panel.
- In the Comments panel, you can click the plus (+) or minus (-) icon to expand or

collapse a comment. If you want to jump to the page where the comment located for detailed information, just click the comment in the Comments panel. In the document page, the comment is displayed in the pop-up note or on the markup icon and acts as a tooltip when the pop-up note is closed.



Comments Panel

- In the Comments panel, you can find the following options to work with comments:
 - ✧ Expand All  – expands all of the items listed in the Comments panel.
 - ✧ Collapse All  – collapses all of the items in the panel.
 - ✧ Next  – goes to the next comment if you choose to expand all the items.
 - ✧ Previous  – goes to the previous comment if you choose to expand all the items.
 - ✧ Sort By  – selects to sort the comments by type, page, author, date, status or checkmark status. For more information, please refer to [“Sorting Comments”](#).
 - ✧ Show/Hide Comments  – select to show/hide all comments, or open/close all pop-up notes.
 - ✧ Search box  Search – input keywords to search comments. For more information, please refer to [“Searching Comments”](#).
 - ✧ Filter Comments  – filter comments by author and status. For more information, please refer to [“Filtering Comments”](#).

Searching Comments

Foxit Reader offers a quick search option for comments.

To search comments, just follow the steps below:

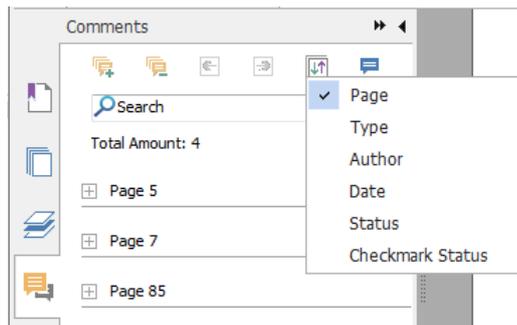
- Choose **View > Navigation Panels > Comments** (or click the Comment icon  on the left side of the Navigation panel) to open the Comments panel.
- Input the keywords in the Search Box on the top of the Comments panel, and Foxit Reader will filter the comment contents and display the results in the Comments panel.

Sorting Comments

Usually, comments are listed by pages in the document. However, you can sort them by type, author, date, status, or checkmark status for easy reference.

To sort the comments, please follow the steps below:

- Go to **View > Navigation Panels > Comments** (or click comment icon  on the left side of the Navigation panel) to open the Comments panel.
- Click  and choose relevant option.



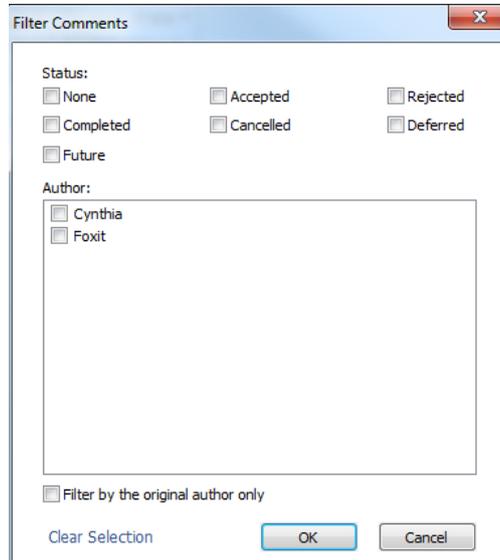
- Page: to sort comments by page.
- Type: to sort comments by the types of commands, such as typewriter, note, file attachment.
- Author: to sort comments by their creators.
- Date: to sort comments by the date they are created.
- Status: to sort comments by their status; such as rejected, approved, completed or canceled.
- Checkmark Status: to sort comments by checkmark status.

Filtering Comments

You can filter comments by author and review status in Foxit Reader. Steps are as follows:

- Choose **View > Navigation Panels > Comments** (or click the Comment icon  on the left side of the Navigation panel) to open the Comments panel.

- In the Comments panel, click  to open the **Filter Comments** dialog box.
- In the **Filter Comments** dialog box, check the filtering option(s) as needed. If you only want to filter the comments by the original author and ignore all the replies, please check **Filter by the original author only** as well. Upon completion, click **OK**.



The comments that match the filtering criteria will be listed in the Comments panel. If you want to remove the filter and show all the comments after checking, you can follow the steps stated above to open the **Filter Comments** dialog box, and then click **Clear Selection** > **OK**.

Tip: If a comment has multiple statuses, Foxit Reader will check the latest status when filtering comments, and list the comments whose latest status match the filtering criteria.

Setting a Status

Setting a status is useful for keeping track of comments that you have read. You can use the status to indicate which comments you want to accept, reject, cancel, complete, or mark for future consideration.

By setting the review status, you can let review participants know how you are going to handle the comments. Once the review status is set, you cannot remove the review status display from the history in the Review History list, even if you change the review status to None.

Changing the Status of a Comment:

Foxit Reader allow users to set comments as Accepted, Rejected, Cancelled, Completed, Deferred, and mark for future consideration.

- To change the status of a comment:
 - A. Right-click a comment in the document pane or Comments panel.
 - B. Select **Set Status**, and choose a status as desire from the drop-down menu.

- To view a markup's history of changes:
 - A. Right-click the markup in the document pane or Comments panel, and then choose **Properties**.
 - B. In the **Properties** dialog box, click the **Review History** tab to view the history of changes people have made to a status of a comment.

Setting Checkmark Status for Comments

Checkmarks are useful for keeping track of comments you have read or those that require further action. You can make checkmarks for each comment according to your needs.

To set the checkmark of a comment, do one of the following:

- In the document pane, right-click the comment, and choose **Mark with Checkmark** from the drop-down menu.
- In the Comments panel, check the check box beside the comment, or right-click the comment and choose **Mark with Checkmark** from the drop-down menu.

After marking the comments with checkmarks, you can sort comments by checkmark status for easy reference.

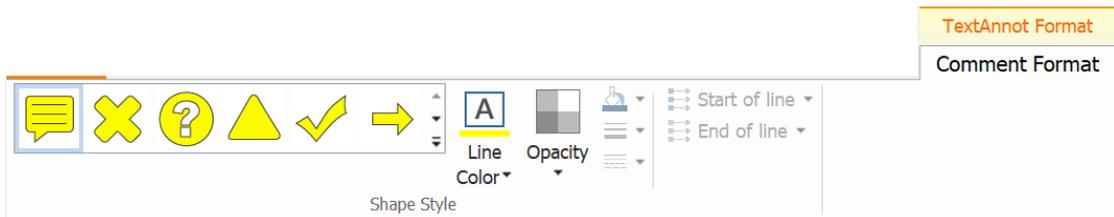
Changing the Appearance of Markups

You can change the appearance of markups either in the **Comment Format** context tab or in the comment properties dialog box. If you change the appearance through the **Comment Format** context tab, Foxit Reader will save the properties and apply them in any new markups as well. If you change the appearance via the **Properties** dialog box and do not check **Set Current Properties as Default** option in the dialog, Foxit Reader will only apply the properties to your currently selected markup.

Changing the appearance of Note Comments

1. Through Comment Format context tab

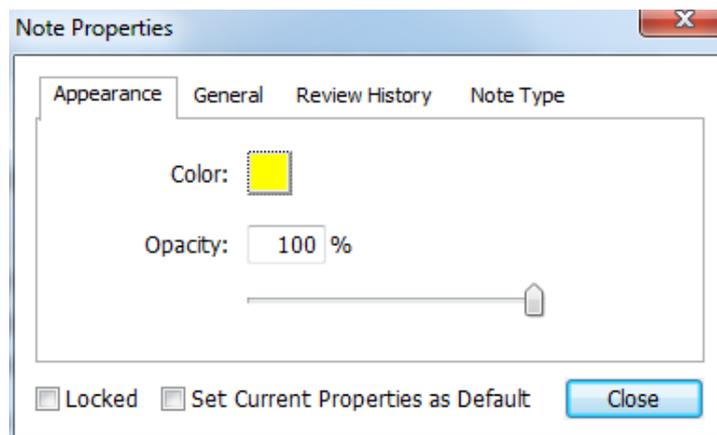
- Choose the Hand command  or Select Annotation command , click the note comment, and then the **Comment Format** context tab will be called out.



- Under the **Comment Format** context tab, do the following:
 - Change the note type: select a note icon from the box.
 - Change the line color: choose **Line Color**, then select a desired color from the color palette.
 - Change the opacity: choose **Opacity**, and then drag the slider to adjust the opacity.

2. Via Note Properties dialog box

- Right-click the note icon and choose **Properties**, or choose **Properties** from the **Options** menu of the pop-up note to display the **Note Properties** dialog box.



- In the **Note Properties** dialog box, do any of the following, and then click **Close**:
 - Click the **Appearance** tab to change the color and opacity of the comment.
 - Click the **General** tab to change the author's name and subject of the comment.
 - Click the **Review History** tab to see the history of changes people have made to the status of a comment during a review. See also ["Setting a status"](#).
 - Click the **Note Type** tab to change the type of icon used.
 - Check **Locked** at the bottom of the **Note Properties** dialog box to prevent the comment from being altered or deleted.
 - Check **Set Current Properties as Default** at the bottom of the **Note Properties** dialog box to set the current properties as the default for note comments.

Changing the Appearance of Text Markups

- Follow the steps of ["Changing the appearance of Note Comments"](#).
- There is no **Note Type** tab in the Text Markups settings.

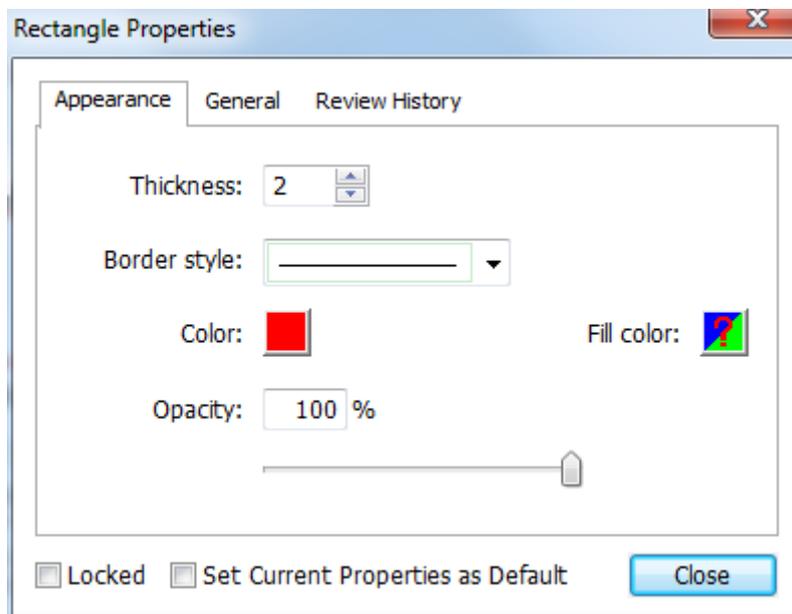
Changing the Appearance of Drawing Markups

1. Through Comment Format context tab

- Follow the steps specified in ["Changing the appearance of measurement markups"](#).
- The **Start of line** and **End of line** options are only available for open lines (such as the Arrow and Line markups).

2. Via Properties dialog box

- Right-click the drawing markup and choose **Properties**, or choose **Properties** from the **Options** menu of the pop-up note to display the **Properties** dialog box.



In the **Properties** dialog box, do any of the following, and then click **Close**:

- Click the **Appearance** tab to change options such as the color, opacity and type of border used. The type of the comment selected determines which options are available.
- Click the **General** tab to change the author's name and subject of the comment. Under the **General** tab, you can also see the creation/modification time of the drawing markup.
- Click the **Review History** tab to see the history of changes people have made to the status of a comment during a review. See also ["Setting a status"](#).
- Check **Locked** at the bottom of the **Properties** dialog box to prevent the comment from being altered or deleted.
- Check **Set Current Properties as Default** at the bottom of the **Properties** dialog box to set the current properties as the default for drawing markup comments.

Changing the Appearance of Typewriter Markups

1. Through Comment Format context tab

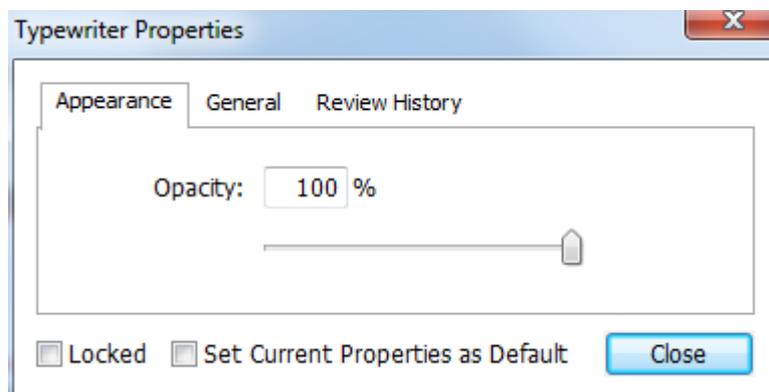
- Choose the Hand command  or Select Annotation command , click the typewriter comment, and then the **Comment Format** context tab will be called out.



- Click **Opacity** and then drag the slider to adjust the opacity.

2. Via Typewriter Properties dialog box

- Right-click the typewriter comment and choose **Properties** to display the **Typewriter Properties** dialog box.



In the **Typewriter Properties** dialog box, do any of the following, and then click **Close**:

- Click the **Appearance** tab to change the opacity of the comments.
- Click the **General** tab to change the author's name and subject of the comment. Under the **General** tab, you can also see the creation/modification time of the typewriter markup.
- Click the **Review History** tab to see the history of changes people have made to the status of a comment during a review. See also ["Setting a status"](#).
- Select **Locked** at the bottom of the **Typewriter Properties** dialog box to prevent the comment from being altered or deleted.
- Check **Set Current Properties as Default** at the bottom of the **Typewriter Properties** dialog box to set current properties as default for typewriter comments.

Note: For Typewriter appearance, only opacity can be changed.

Changing the Appearance of a Text Box or Callout

- Please refer to "[Changing the appearance of Drawing Markups](#)".

Note: You can press **ESC** to return to Hand command  anytime the comment command is applied.

Setting Current Properties as Default

Foxit Reader allows you to set current properties of any comment as the default for preference. For example, when you set the color or opacity of the Highlight command, you can right-click the highlighted contents and choose **Set Current Properties as Default** in the drop-down menu. When you highlight the contents next time, the color and opacity you set before will be applied.

To set current properties as default, please do one of the follows:

- Right-click the comment in the PDF and choose **Set Current Properties as Default** in the drop-down menu.
- Choose **Options** on the popups of the comment, and click **Set Current Properties as Default** from the drop-down window.
- Right click the comment and choose **Properties**, then check the **Set Current Properties as Default** option at the bottom of the **Properties** dialog box.

Replying to Comments

Replying to comments is useful in shared reviews, when participants can read each other's comments. They can also be used by review initiators to let reviewers know how their suggestions are being implemented. All replies appear in the pop-up note and are listed below the original comment. You can view the respective reply with the reply title and mark. See also About [About pop-up Notes](#).

Replying to Comments in the Pop-up Note

1. Replying to original comments

- Using the Hand command, Select Annotation command, or the corresponding comment command > open the pop-up note for the comment.
- Right-click the original comment and select **Reply**, or right-click the comment icon

- and select **Reply**.
- Type your reply in the text box that appears in the pop-up window.

2. Responding to other reviewers' comments

- Using the Hand command, Select Annotation command, or the corresponding comment command > open the pop-up note for the comment.
- Right-click title of the reply and select **Reply to this Reply**.
- Type in your comments in the text box that appears next to the reviewer's comment.

Replying to Comments in the Comments List

- Choose **View > Navigation Panels > Comments** to open the Comments panel if it is hidden.
- Right-click the comment in the Comments panel and select **Reply**.
- Input your reply in the box and click **OK**.

Deleting the Reply Message

To delete the reply message, please do one of the following:

- In the note pop-up window, right-click the title of the reply window, and click **Delete this Reply**.
- In the Comments panel, right-click the reply message, and click **Delete**.

Note: Right-click the comment icon and select **Delete** to remove this markup.

Summarizing Comments

Summarizing comments is an easy way to obtain a synopsis of the text associated with the PDF. You can create a new PDF with summarizing comments; basically a comments summary that can be sorted by page, author, date or type to satisfy different requirements. You can also set properties for new documents, such as paper size, margin, page range, and font size, in the **Create Comment Summary** dialog box.

1. Choose **Comment > Summarize Comments**.
2. In **Create Comment Summary** dialog box, please do the following:
 - Select how you prefer to create your comment summary.
 - Select Comment Type, such as All, Text, Line.
 - Choose paper size, such as A4, A3.
 - Choose font size and how to sort comments.
 - Specify page range.

- Choose the color and opacity of the Connector Line (only available when you choose to create document and comments with connector lines.)
3. Click **OK** and the comments will be summarized in a new PDF. You can save the new PDF if you need.

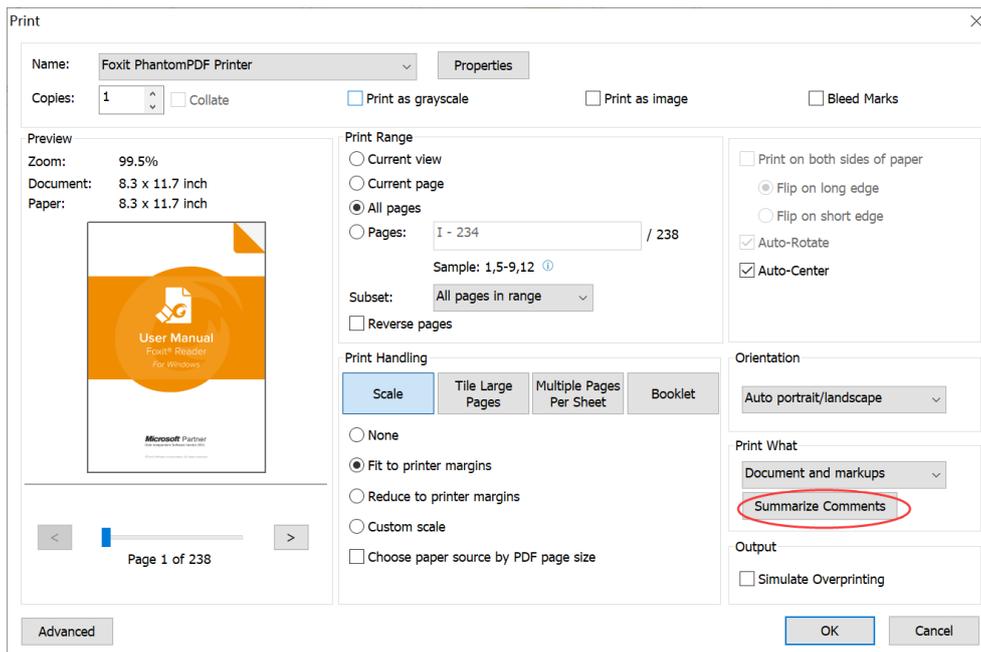
Importing & Exporting Comments

Please refer to ["Importing & Exporting Comments Data"](#).

Printing Comments

Foxit Reader allows users to print the document together with the content of the attached notes.

To print a summary of comments, please choose **File > Print > click Summarize Comments**. A window will pop up asking you whether to print the summarized comments in the current document, click **Yes** to continue.



To print comment contents in the pop-up notes right aside the original text, please check **Print notes and pop-ups option** in **File > Preferences > Commenting**, and then choose **File > Print**. Make sure that you have selected the **Document and markups** option in **Print What** group in the **Print** dialog box, and click **OK** to print it.

Sending Annotated PDFs

Foxit Reader makes it easy for users to share reviews. You can send your annotated PDFs

to any reviewers to see and respond to your comments.

To send an annotated PDF file, do the following:

- Click on the **Save** button  to save all the comments you have made.
- Go to **Share > Email > Email Current Tab** or **Email All Open Tabs**.

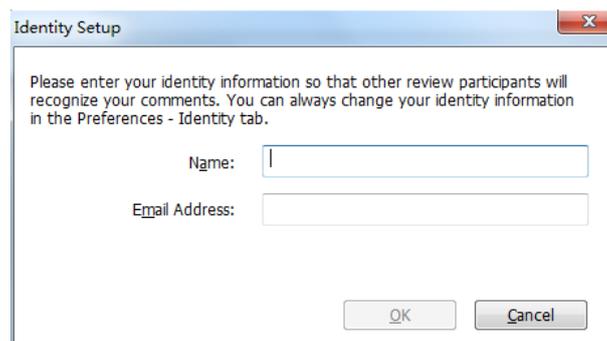
PDF Review

About PDF Review

Foxit Reader supports two kinds of PDF review: shared review and email review. With Foxit Reader (V7.0 or later), you can easily join a PDF view, share the comments, and track reviews. In a shared review, you can make comments, share and track reviews via a server. While in an email review, you can make comments and send the reviewed PDF back to the initiator as an email attachment.

Join a shared review

- Download the PDF file to be reviewed from your email application, and open it with Foxit Reader.
- If you open the PDF to be reviewed with Foxit Reader for the first time, you need to complete your identity information first (as shown below).



- Add comments as needed in PDF.
- Upon completion, click **Publish Comments** in the message bar (if notification message is enabled) or click **Share > Manage Shared Review > Publish Comments** to share your comments with other reviewers.
- Save the PDF by one of the following methods:
 - ✧ Choose **File > Save As** to save the shared PDF as a copy in your local disk. You can reopen this copy to continue review or send to other reviewers for further shared review.

- ✧ Click **Menu** in the message bar and choose **Save as Archive Copy** (if notification message is enabled) or click **Share > Manage Shared Review > Save an Archive Copy** to save the PDF as a copy that is no longer connected to the shared review.

During the shared review, Foxit Reader will automatically synchronize and display new comments every five minutes by default, and will notify you by flashing the Foxit Reader icon in the taskbar whenever there are any new comments. You can also click on **Check for New Comments** in the message bar (if notification message is enabled) or click **Share > Manage Shared Review > Check for New Comments** to check for new comments manually. Or set the time interval in the reviewing preferences to check for new comments automatically in a specified time period. See also "[Automatically Check for New Comments](#)".

Join an email review

- Open the PDF file to be reviewed from your email application.
- Add comments as needed in the PDF.
- Upon completion, click **Send Comments** in the message bar (if notification message is enabled) or choose **Share > Manage Email Review > Send Comments** to send the reviewed PDF back to the initiator via email.
- (If necessary) Choose **File > Save As** to save the PDF as a copy in your local disk.

Rejoin a review

- Reopen the PDF to be reviewed by one of the following methods:
 - ✧ Open the PDF copy directly if you have saved it in your local disk before.
 - ✧ Choose **Share > Tracker**, right click the PDF you want to review, and choose **Open** from the context menu.
 - ✧ Open it from your email application.
- Follow the same steps specified above to continue a shared review or email review.

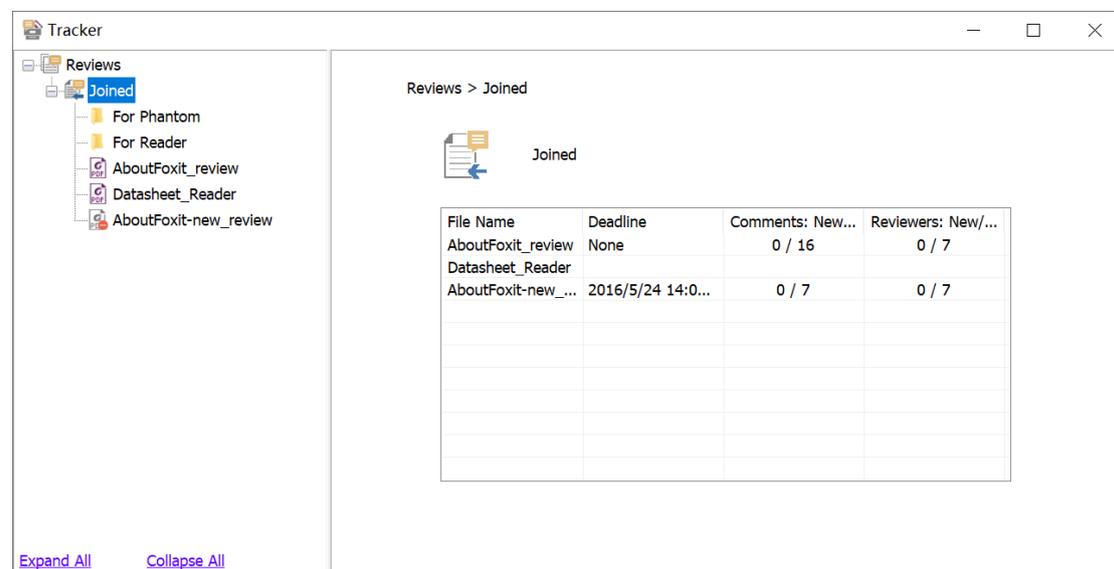
Note: To open the PDF to be reviewed from your email application with Foxit Reader, you may need to install the email application that is configured to work with Foxit Reader. Currently, Foxit Reader supports the most popular email applications, including Microsoft Outlook, Gmail, Windows Mail, Yahoo Mail, and others. For email applications or webmail that do not work with Foxit Reader, you can download the PDF first, and then open it for review from your local disk.

Track Reviews

Foxit Reader provides a tracker to help you track reviews easily. Choose **Share > Tracker**, and then you can view the file name, deadline, number of comments, and the list of reviewers for the shared reviews or email reviews you have joined.

In the **Tracker** window, you can also categorize your currently joined reviews by folders to find reviews easily. Steps are as follows:

- To create a new folder in the tracker, right-click **Joined** group or any review listed under the **Joined** group > choose **Create New Folder** > enter the name for the new folder > click **OK**.
- To list a review in your created folder, right-click the review, select **Send to Folder**, and choose the folder to which you want to move the review. To change the folder for a review, redo the operation, and choose the desired folder from the **Send to Folder** context menu. The **Top Level** option in **Send to Folder** context menu allows you to move the selected review out of its current folder, and list it in the **Joined** group.
- To remove a created folder from the tracker, right-click the folder, and choose **Remove Folder from Tracker**. Please note that removing a folder from the tracker will remove all the reviews listed under it.



Chapter 6 – Form

Foxit Reader is extremely useful for form filling and form designing. Please read below for more information.

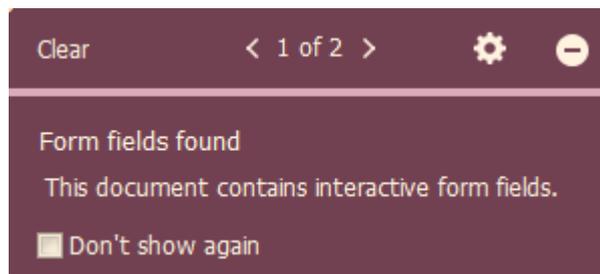
General Information

There are two kinds of “form” files. First, is a PDF file with fillable fields, which enables you to fill the form directly by clicking the form fields. This is called an *Interactive PDF Form*. The other kind of form is a plain PDF file with lines and texts, which can be filled using the Fill & Sign tools in Foxit Reader. This is called a *Non-interactive PDF Form*.

You will need to navigate and adjust views of a form in the exact same way that you do in ordinary PDFs.

Interactive Form

When opening an interactive form, you will see a notification message appear on the top right corner of the document pane. The notification message informs you that the document contains interactive form fields. Click  to collapse the notification message. If you do not want to see the notification message again when reopening this file, check **Don't show again** option in the notification message. Clicking the gear icon  in the notification message can change the preferences about notification message setting. Please refer to [Notification Messages preferences](#) for more information.



XFA (XML Forms Architecture) Form

With Foxit Reader, you can fill in [XFA forms](#) with the Hand command , the same way you are able to do with normal fillable forms (also known as AcroForm).

See also [“Setting form Display Preferences”](#).

Non-interactive Form

This kind of form acts like an ordinary PDF document that has plain text and you will need to use the Fill & Sign tools to fill in this form. For more information, please refer to "[Filling Non-interactive Forms](#)".

Filling in PDF Forms

PDF form operation: Foxit Reader allows you to fill in PDF forms and print them out. These basic features are free for both personal and non-personal use. Foxit Reader also supports advanced form operations, such as saving filled-out forms and importing/exporting forms.

Filling Interactive Forms

If a PDF form contains interactive form fields, you can fill them in with the Hand command



. Form fields are highlighted in light blue by default in Foxit Reader so that you can easily identify them while filling forms. If you do not want to highlight form fields, please uncheck the **Highlight Fields** option in the **Form Data** group under the **Form** tab, or go to **File > Preferences > Forms** and uncheck **Highlight all fields**. Before filling in an interactive form, you can also enable auto-complete feature so that Foxit Reader can store your entries and provide relevant suggestions to help you complete forms quickly and easily. For more information about auto-complete, please refer to "[Auto-Complete in Forms Preferences](#)". When you place the pointer over an interactive form field, the pointer icon changes to one of the following:

- Pointing Finger  -- Appears when the pointer is over a button, radio button, check box, or item on a list.
- Arrow  -- Appears when you can select an item in a list of options.
- I-beam icon  -- Appears when you can type text into the form field.

To fill in an interactive form, please do the following:

- If necessary, select the Hand command .
- Click in the first form field you want to fill in, either to select that option or to place an I-beam pointer  in the field so that you can start typing.
- Right-click the text fields, and choose **Paste** or **Select All** to do other operations.
- After making a selection or entering text, do any of the following:
 - A. Press Tab or Shift + Tab to accept the form field change and go to the next or

- previous field.
- B. Press the Up arrow key to select the previous option in an item of list, or press the Down arrow key to select the next option.
 - C. Press **ESC** to reset clear a form entry.

Note: If the current form field is a single-line text box, you can press **Enter** to accept your text, which will deselect the field. You cannot start a new line in the text box. If the current field is a check box, pressing **Enter** or Space bar turns the check box on or off. In a multiline text form field, pressing **Enter** creates a paragraph return in the same form field.

- After you fill in the form fields, do one of the following:
 - A. Click the submit button if one exists. Clicking this button sends the form data to a database across the web or over your company intranet.
 - B. Click the **Save** icon  on the toolbar, or choose **File > Save**.
 - C. Choose **File > Save As**, and specify a location for the copy.

Note: If the form author gave Reader user extended rights, the saved copy will include the entries you made in the forms. Otherwise, the saved copy will be blank.

- Print the form.

Clearing a form entry

Click one of the form fields, and use the **Backspace** key or **Delete** key.

Clearing Unsaved Form Entries

Choose **Form > Reset form**.

Filling Lengthy Entries in Forms

Some PDF forms can contain dynamic text fields, which change the text you input in size to accommodate the text fields. The text appears smaller and smaller when the words you type exceed the current size of the field. When you're finished typing and the field is deactivated, the text field displays all of the typed text in a smaller size.

Spell-checking Form Entries

You can spell-check the text you type in form fields or Form Designer if the security settings allow.

If you have installed the Spell Checker, when you insert any English text in the form fields,

the spelling errors will be highlighted, and underlined with squiggly lines.

To spell-check entries, do the following:

- Right-click on the misspelled words, and you will see a list of suggested words.
- Choose one of the suggested words to correct your input or ignore the squiggly line.
- If all the suggested words are not the exact words you want to input, try to correct them with other words.

Filling non-interactive forms

You can use the Fill & Sign tools to add text and symbols in non-interactive PDF forms. Foxit Reader will intelligently detect the suspected fillable area and highlight it with a blue rectangle as your mouse moves over the page with a form filling tool selected, which helps you find out the fillable area and fill in non-interactive forms easily. To fill in non-interactive forms with Fill & Sign tools, follow the steps below.

- Choose **Fill & Sign** to expand the Fill & Sign toolbar.
- To add normal text, select **Add Text** in the **Fill** group. Then click on the form where you want to add text, and input your text.
- To add text in continuous boxes in a line, select **Comb Field** in the Fill group. Then click on the form where you want to add text, and input your text. The comb field will spread text evenly across the width of the text field, which is very useful when you are filling in phone numbers, social security numbers, etc.
- To add predefined text such as name, date or address, click **Predefined Text** in the **Fill** group, and do the following:
 - By default, Foxit Reader will detect and display the current date and user name of your system in the predefined text list. If you want to predefine custom text, click **Set Predefined Text**. In the pop-up **Set Predefined Text** dialog box, click **Set Identity** to set your identity information, and save it as predefined text. Or double-click on the blank area in the box to input any text as desired. Upon completion, click **OK** to save your settings. Then all your custom predefined text will be listed in the **Predefined Text** drop-down list.
 - Select a predefined text from the **Predefined Text** drop-down list, and click on the form where you want to add it.
- To add symbols, do the following:
 - Select the Checkmark, Cross Mark, or Dot tool to fill in check boxes or radio buttons. Select the Line tool to strike out text, or Rectangle tool to add rectangles.
 - Then click on the form where you want to place the symbol.
- After adding text or symbols, use the field toolbar floating above them to make appropriate changes, if necessary.
 - Click  or  to decrease or increase the size. For symbols, you can also drag any of the handles to resize it. For comb fields, dragging the resize handle

on the right side of the field can also help you adjust the width of the field. The adjustments to size will be remembered and applied as the default.

- To convert a normal text field into a comb field or vice versa, click the Comb Field icon  or Add Text icon  correspondingly.
- To replace the current text or symbol, click , and choose a desired option from the toolbar.
- To move the text or symbol, drag it directly to the desired location.
- To delete the text or symbol, click .
- After filling in the form, you can sign the form with your handwritten signature. For more information, please refer to "[Quick PDF Sign](#)".
- When you have completed the form, click the **Save** button  or choose **File > Save** to save it.

*Tip: The fill tool will be kept as selected by default for you to add the same object continuously. If you need to exit the fill tool, press the **ESC** key, or select another desired tool directly.*

Commenting on Forms

You can comment on PDF forms, just like on any other PDF. You can add comments only when the form creator has extended rights to the users.

See also "[Comments](#)".

Importing & Exporting Form Data

Please refer to "[Importing & Exporting Form Data](#)".

Chapter 7 – Data Import & Export

Data in PDFs can be imported and exported to FDF files. FDF, short for Forms Data Format, a file format used for interactive form data, is used when submitting form data to a server, receiving the response, and incorporating it into the interactive form. It can also be used to export form data to stand-alone files that can be stored, transmitted electronically, and imported back into the corresponding PDF interactive form. In addition, FDF can be used to define a container for annotations that are separate from the PDF document to which they apply. Or sometimes, when you have to send a PDF file to others but do not want them to see your comments and form data, you may export all the data with this function, clear the file, and send it to others. In this way, all the data you added can be removed.

There are two kinds of data that can be imported and exported: comment data and form data. You can also send the comment data or form data as a FDF file to your clients or friends. The FDF does not only save all the data contents of the PDF documents, but also remembers their specific positions and statuses in the files.

Importing & Exporting Comments Data

This feature is especially useful for PDF reviewing. When you receive an email invitation to a PDF review, the invitation typically includes the PDF as an attachment or provides a URL to the PDF. Alternatively, you may receive a Form Data Format (FDF) attachment. When opened, a FDF file configures your review settings and opens the PDF in a web browser. At this moment, you need to know how to import the comment data from the FDF file. Similarly, you may export comment data and send them as a FDF file to other participants.

Importing Comments Data

Do one of the following:

- Double-click a FDF file to open it directly with Foxit Reader.
- Choose **Comment > Import**  > navigate to where the desired FDF file is, select it, and click **Open**. You will be prompted that the comments data has been imported successfully.

Exporting Comments Data

To export comments data, please do one of the following:

- To export all comments as a FDF
 - A. Choose **Comment > Export > All Comments**.
 - B. You will be presented with a standard Windows **Save As** dialog. Navigate to where you want to save the FDF file (e.g., your Documents folder), write its name, and click the **Save** button.
 - C. You will be prompted that the data has been exported successfully.

- To export all comments as an FDF file and send in an e-mail
 - A. Choose **Comment > FDF via Email**  **FDF via Email** .
 - B. A blank message with the created FDF file included as an attachment will automatically open in your default e-mail program, and the current file name will be the email subject.
 - C. Type the e-mail address of users you want to receive the file > click **Send**.
 - D. The comments in FDF will be sent separately.

- To export highlighted text as an TXT file
 - A. Choose **Comment > Export > Highlighted Text**.
 - B. You will be presented with a standard Windows **Save As** dialog. Navigate to where you want to save the TXT file, specify the file name, and click **Save**.
 - C. You will be prompted that the data has been exported successfully.

Note: The option of exporting comments data will be available only when the comments have been added to the PDFs.

Importing & Exporting Form Data

Importing and exporting form data is similar to importing and exporting comment data. However, this function is only for PDF interactive forms. All the options for importing and exporting form data will be unavailable when you open other ordinary PDFs or non-interactive forms.

Importing Form Data

You can import form data to view the data submitted by an individual in the context of the PDF by opening the original form file and importing the data file in FDF, XML, XFDF, TXT, or CSV format. Steps as follow:

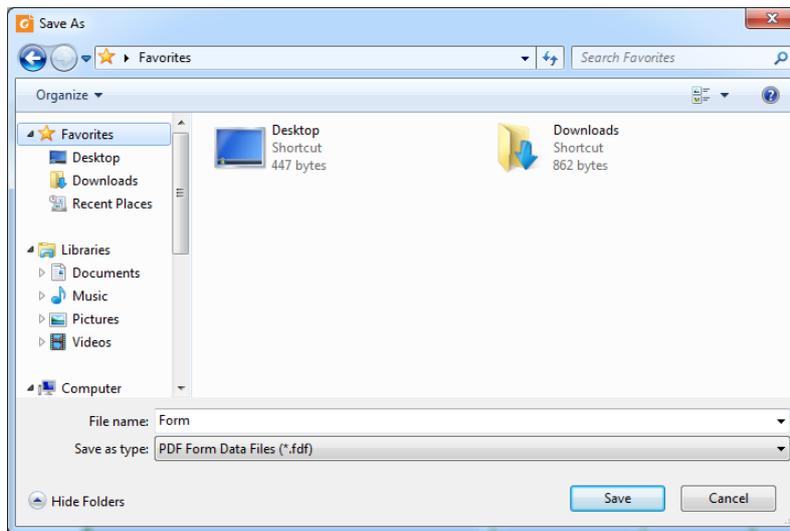
- Open the PDF form into which you want to import the data with Foxit Reader.
- Select **Form > Import**.
- You will be presented with a standard Windows **Open** dialog. Select the form data file that you want to import and click **Open**. If the form data file contains multiple groups

of records, pick which record you want to import, and click **OK**. Upon completion, you will be prompted that the data has been imported successfully.

Exporting Form Data

To export the form data, please follow the steps below:

- Select **Form > Export > To File**.
- In the **Save As** dialog box, specify the save path, name the file to be exported, and choose the desired file format in the **Save as type** field.
- Click **Save** to save the file.



Export Form Data and Append It to an Existing Sheet

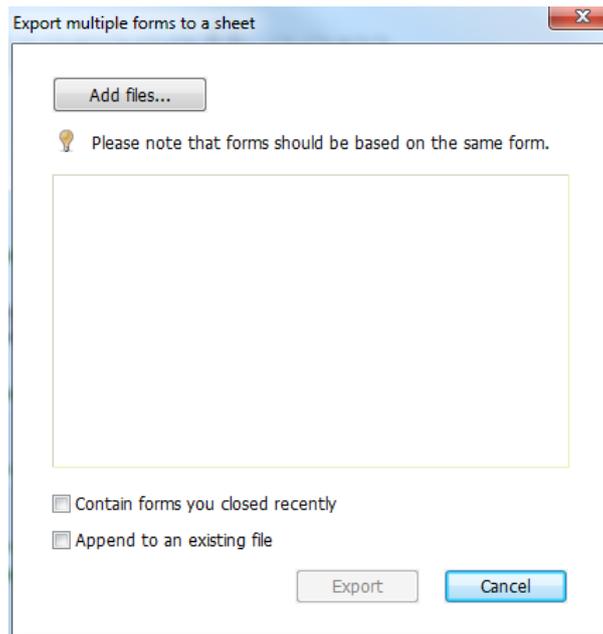
To export the form data and append it to an existing sheet, please follow the steps below:

- Choose **Form > Form to sheet > Append to an Existing Sheet**.
- In the **Open** dialog box, select the CSV file, and then click **Open**.

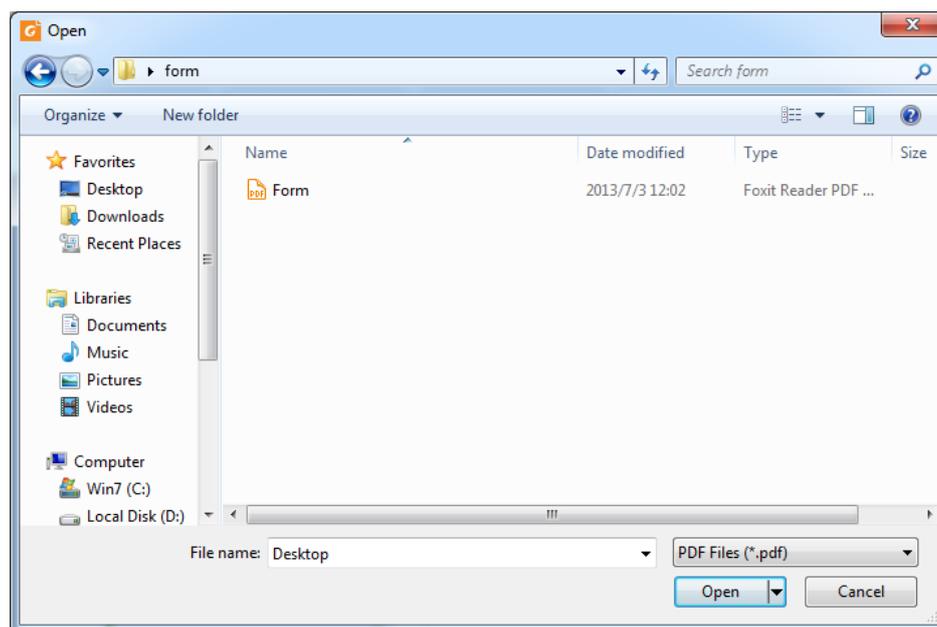
Combine Forms to a Sheet

To export multiple forms to a CSV file, please follow the steps below:

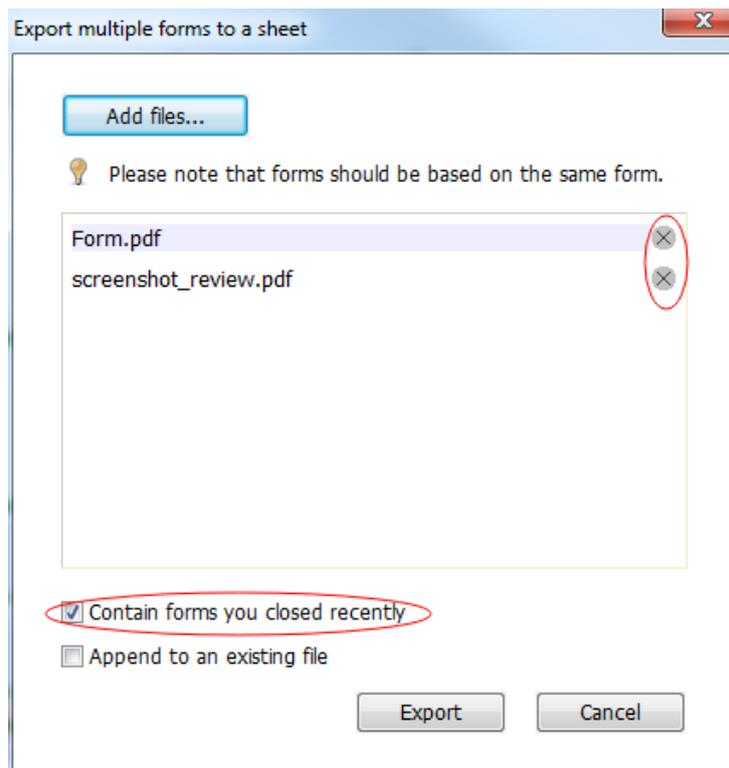
- Choose **Form > Form to sheet > Combine Forms to a Sheet**.
- Click **Add files** in the **Export multi-forms to a sheet** dialog box.



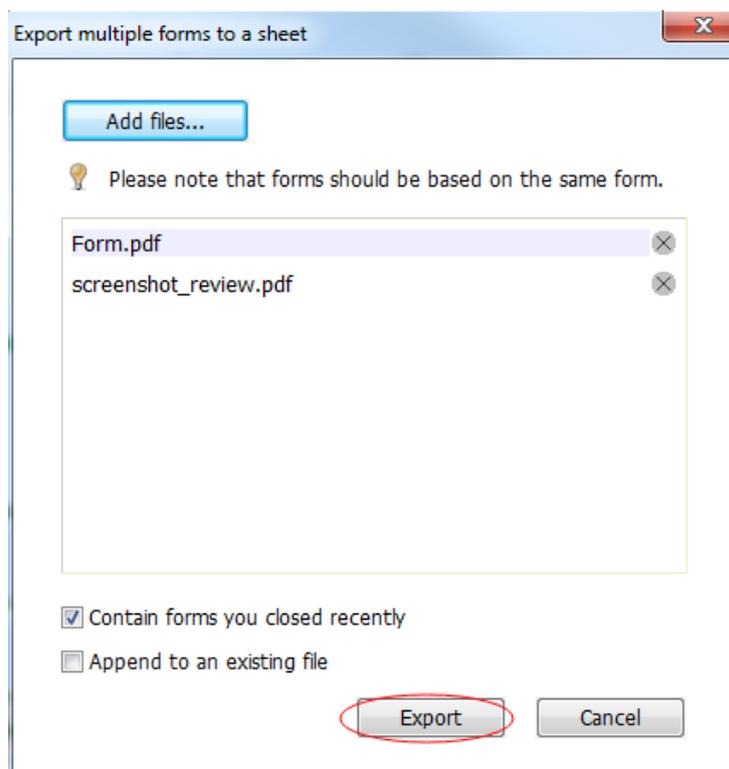
- In the **Open** dialog box, select the file to be combined and click **Open** to add it to the current form.

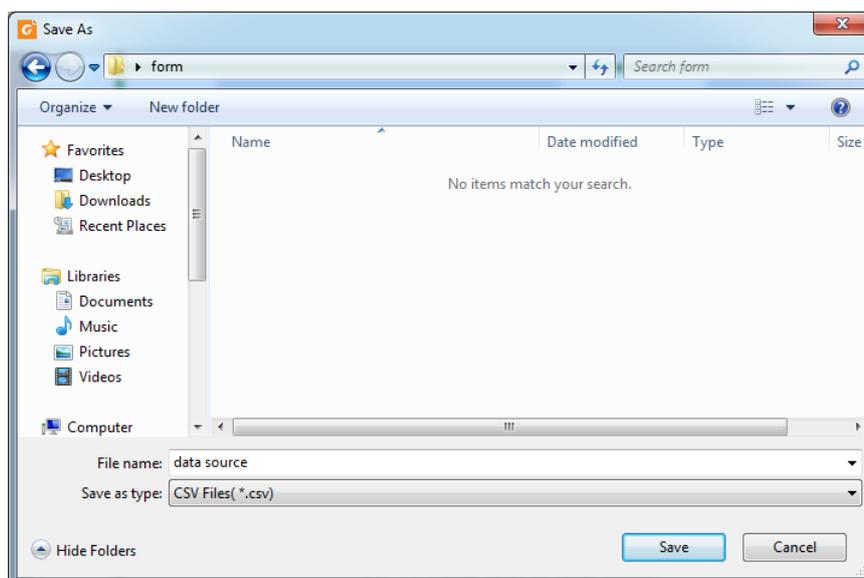


- Alternatively, you can check **Contain forms you closed recently** to call out the forms you recently opened, then remove the files you don't want to add, and leave the ones to be exported in the list.



- If you want to append the form(s) to an existing file, check **Append to an existing file**.
- Click **Export** and save the CSV file in the desired path in the **Save As** dialog box.

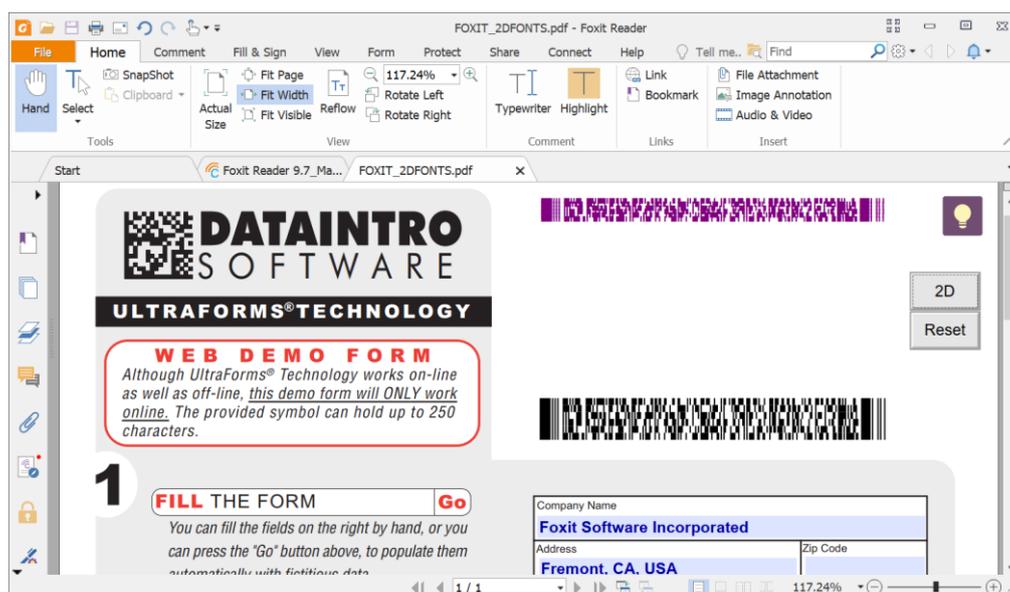




Generate 2D Barcode

Foxit Reader supports the generation of 2D barcodes for the forms integrated with Ultraforms technology, making the form data easily scanned, captured, and incorporated into a database. Steps are as follows:

- Open and fill in the form.
- Upon completion, click the barcode generation button (if any) on the form file to generate the 2D barcode.
- Click the **Save** button  on the Quick Access Toolbar to save the form.
- (If needed) Choose **File > Print** to print the form, and then use a supported scanner to scan, read, and incorporate the form data.

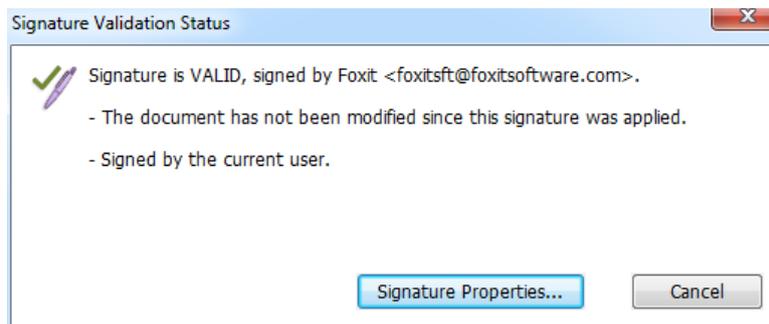


Note: The triggering method for 2D barcode generation may vary as the form creator may

define when integrating Ultraforms technology into the form file. You can click the barcode generation button (if there is any) on the form file, or choose **Print** directly to generate the 2D barcode.

Verify Signatures on XFA Forms

Foxit Reader allows you to verify the signature on XFA forms. Just click the signature on the PDF, and then you can check the signature validation status and properties in the pop-up windows.



Chapter 8 – Advanced Editing on PDFs

Foxit Reader has brought in some new advanced features for PDF editing. You can even create bookmarks, add links, attach files, add images, play and insert multimedia files, as well as run JavaScript on PDF files.

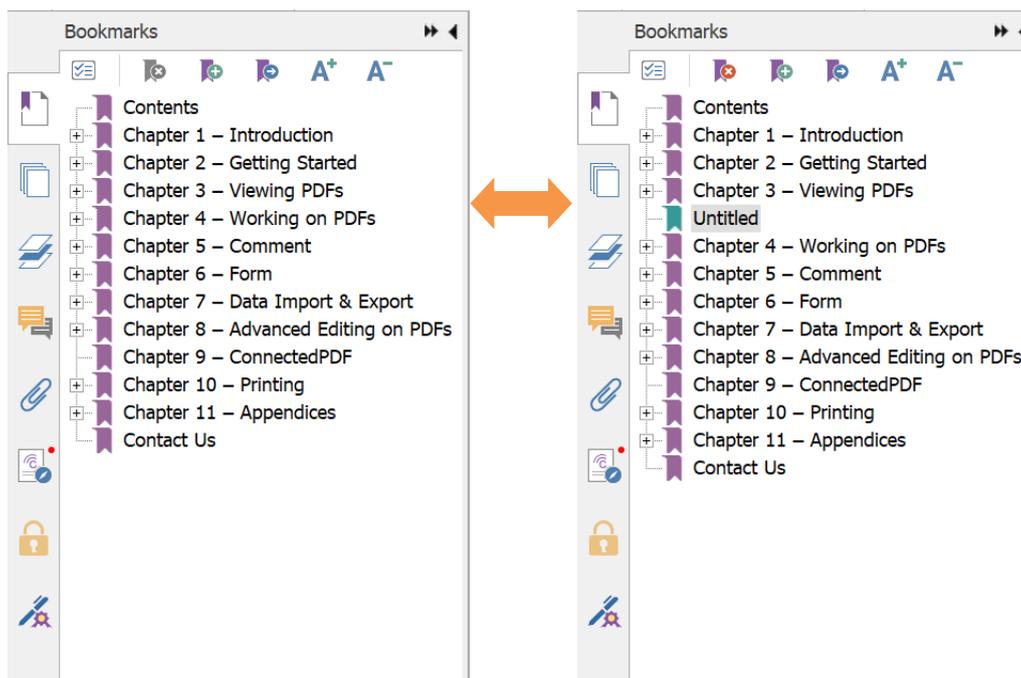
Creating Bookmarks

Bookmarks are navigational tools that make your PDF files easier to read. They are usually generated automatically during PDF creation. Bookmarks in PDF files provide interactive links to a specific destination. The reader just needs to click on a bookmark to view the page in which the bookmark is linked.

Bookmarks are useful for you to mark a place in a PDF file so that you can return to it with ease. Or you may like to have your own bookmark structure and new bookmark names. Now with Foxit Reader, you can easily nest, edit, or delete bookmarks in a PDF file if the security settings allow.

Adding a Bookmark

1. Go to the page where you want the bookmark to link to. You can also adjust the view settings.
2. Use the Hand command  to create the bookmark:
 - To bookmark a portion of a page, adjust the view of the document if necessary, and move the portion into the center of the window.
 - To bookmark selected text, use the Select Text and Image command , right-click the selected text, and choose **Bookmark** or press Ctrl+B.
3. Select the bookmark under which you want to place the new bookmark. If you don't select a bookmark, the new bookmark is automatically added at the end of the bookmark list.



4. Do any of the following to add a new bookmark:

- Click the New Bookmark icon  at the top of the Bookmarks panel.
- Right-click the selected bookmark, and choose **Add Bookmark**.
- Click the **Options** menu  at the top of the Bookmarks panel, and choose **Add Bookmark**.

5. Type or edit the name of the new bookmark, and press **Enter**.

***Tip:** To add a bookmark, you can also right-click on the page where you want the bookmark to link to and choose **Add Bookmark**. Before this, if you have chosen an existing bookmark (if any) in the **Bookmarks** panel, the newly added bookmark will automatically be added right behind the existing bookmark (in the same hierarchy); if you haven't selected any existing bookmark, the new bookmark will be added at the end of the bookmark list.*

Moving a Bookmark

Select the bookmark you want to move, and then do one of the following:

- Hold the mouse button down and then drag the bookmark icon  directly next to the parent bookmark icon. The Line icon  shows the place where the icon will be located.
- You can move a bookmark by cut and paste in a bookmark hierarchy. Please refer to

[“Organizing a Bookmark Hierarchy”](#) for more information.

Tips:

1. The bookmark links to its original destination in the document although it has been moved.
2. You can press **Shift** or **Ctrl + Click** to select multiple bookmarks at once, or press **Ctrl + A** to select all bookmarks.

Organizing a Bookmark Hierarchy

A bookmark hierarchy is an outline or stratified structure that places some bookmarks within others. It is an efficient way to display a comprehensive list of bookmarks in a PDF file. In Foxit Reader, multilevel bookmark hierarchy can be defined by properly dragging the bookmark icon in the Bookmark Panel.

Nesting a Bookmark

Select the bookmark you want to nest, and then do one of the following:

- Hold the mouse button down and then drag the bookmark icon  directly underneath the parent bookmark icon. The Line icon  shows the place where the icon will be located.
- Right-click the bookmark that you want to move (or click the **Options** menu  at the top of the Bookmarks panel), and choose the **Cut** option. Select an anchor bookmark, and choose **Paste under Selected Bookmark** in the context menu or **Options** menu.

Note: The bookmark links to its original destination in the document although it is nested.

Moving a Bookmark out of Nested Position

Select the bookmark you want to move, and then do one of the following:

- Hold the mouse button down and then drag the bookmark icon  directly next to the parent bookmark icon. The Line icon  shows the place where the icon will be located.
- Right-click the bookmark that you want to move (or click the **Options** menu  at the top of the Bookmarks panel), and choose the **Cut** option. Select an anchor bookmark, and choose **Paste after Selected Bookmark** in the context menu or **Options** menu.

Note: The bookmark links to its original destination in the document although it is nested.

Expand or Collapse a Bookmark

- Click the plus sign (+) left to the bookmark icon to expand the bookmarks. Click the minus sign (-) to collapse the list.
- To find the current bookmark for the displayed page of the PDF document, click **Find Current Bookmark** button  at the top of the Bookmarks panel. *See Also: [To find the current bookmark.](#)*
- To collapse all bookmarks, right-click any bookmark in the Bookmarks panel (or click the **Options** menu  at the top of the Bookmarks panel), and choose **Expand/ Collapse All Bookmarks**. When no bookmarks are expanded in the **Bookmarks** panel, you can right-click any bookmark (or click the **Options** menu  at the top of the Bookmarks panel) and choose **Expand/ Collapse All Bookmarks** to expand all bookmarks.

Editing a Bookmark

In Foxit Reader, you are able to edit, change, or move the bookmarks easily if the security settings allow.

Renaming a Bookmark

Do any of the following:

- Right-click the bookmark you want to rename in the Bookmarks panel > choose **Rename** > type the new bookmark name.
- Select the bookmark you want to rename in the Bookmarks panel > click the **Options** menu  at the top of the Bookmarks panel > choose **Rename** > type the new bookmark name.

Resetting a Bookmark's Destination

Do the following:

- In the document pane, move to the location you want to specify as the new destination.
- (Optional) Adjust the view magnification.
- Right-click the bookmark or click the Option button  at the top of the Bookmarks panel, and choose **Set Destination**.

Customizing the Text Appearance of a Bookmark

You can change the font style or color of a bookmark to make it easier to read.

- In the Bookmarks panel, click on a bookmark to select one bookmark, press **Ctrl/Shift** + click to select multiple bookmarks, or press **Ctrl + A** to select all the bookmarks.
- At the top of the **Bookmarks** panel, click the **A⁺** or **A⁻** icon to enlarge or reduce the text size of all the bookmarks.
- Right-click the selected bookmark or click the **Options** menu  at the top of the Bookmarks panel, and choose **Properties**.
- In the **Bookmark Properties** dialog box, click the **Appearance** tab, and select the font style and color for the text.

***Note:** After defining a bookmark's appearance, you can set it as bookmarks' default property by right-clicking the bookmark (or clicking the **Options** menu  at the top of the Bookmarks panel) and then selecting the option of Use Current Appearance as New Default.*

Adding an Action to a Bookmark

Bookmarks can also perform actions, such as opening a file, executing a menu item, submitting a form, and going to a specific page.

1. Right-click a bookmark, and choose **Properties**. Or select a bookmark, click the Options menu  at the top of the Bookmarks panel, and select **Properties**.
2. In the **Bookmark Properties** dialog box, click the **Actions** tab.
3. Choose an action from the **Select Action** menu and click **Add**, and then do the following:
 - Select Trigger – Specifies the user action that initiates an event: Mouse Up.
 - Select Action – Specifies the event that occurs when the user triggers the action: Go to a page view, Open/execute a file, Open a web link, Show/hide a field, Execute a menu item, Submit a form, Reset a form, Import form data, and Run a JavaScript.
 - A. To execute a menu item, select the option > click **Add** > select one of a menu item in **Menu Item Selection** dialog box, and click **OK**.
 - B. Go to a page view – designate to a specific page view. You can jump to a page either in the current PDF or in another PDF. Before setting the position, you may also change the current zoom settings.

To go to a page view, choose this option, click the **Add** button and do one of the following:

- ✧ Set the position in current document – scroll the current document, go to a new position where you want to set, and click **Set this position**.
- ✧ Set the position in another PDF document – click the **Open** button  on the toolbar > select the PDF you want to set position to > scroll this document and go to a position where you want to set > click **Set this position**.

Note: The new PDF document should be opened in the existing window but not a new window.

- ✧ Change the view magnification -- scroll in the current document or another document > go to a new position where you want to set > change the magnification of the position > click **Set this position**.
 - ✧ Click **Cancel** to revoke your operation.
- C. To import form data, select the option > click **Add** > choose the FDF file that contains the form data you want to import, and click **Open**.
 - D. Open a web link – designate to open a web link. Do the following:
 - ✧ Choose **Open a web link** > click **Add** > enter the URL of the destination web page.
 - E. Open/execute a file – designate to open another file. To do this, please follow the steps below:
 - ✧ Choose **Open/execute a file** > click **Add** > select the destination file and click **Open**.
 - F. To read an article, select **Read an article** > click **Add** > choose an article, and click **OK** and **Close**.
 - G. To reset a form, select the option > click **Add** > select the fields that will be reset, and click **OK**.
 - H. To run a JavaScript, select the option > click **Add** > Enter JavaScript, and click **OK** and **Close**.
 - I. To set the visibility of a layer, select **Set Layer Visibility** > click **Add**, and confirm your operation.
 - J. To show/hide a field, select the option > click **Add** > choose to show or hide the selected button when the user triggers the action, and click **OK**.
 - K. To submit a form, select the option > click **Add** > choose the submission method, select Export Format, and decide which fields should be submitted, and click **OK**.
- Actions – Displays the list of triggers and actions that you have defined.
 - Up and down buttons – Change the order in which the selected action appears listed under the trigger. (Available only when you have defined multiple actions for the same

trigger.)

- Edit – Opens a dialog box with specific options for the selected action. You can also double-click the actions to open a dialog box.
- Delete – Removes the selected action.

Deleting a Bookmark

To delete a bookmark, please do one of the following:

- Select the bookmark you want to delete and click the **Delete Bookmark** button  at the top of the Bookmarks panel.
- Right-click the bookmark you want to delete and choose **Delete**.
- Select the bookmark that you want to delete, click the **Options** menu  at the top of the Bookmarks panel, and choose **Delete**.

Tips:

1. *Deleting a bookmark deletes all the bookmarks that are subordinate to it.*
2. *You can press Shift or Ctrl + Click to select multiple bookmarks at once, or press Ctrl + A to select all bookmarks.*

Adding Links

You may add rectangle or quadrilateral links to a PDF file and specify their destination, which can be a page view, a named destination, an external file, or a web page. Also, you are able to change the appearance of the link, including the thickness, border style, and color of the lines when you create them. This function helps you to lead the readers to related articles, references, or to the intended web page.

Adding a Link

The Link command enables you to add a link with the shape of rectangle on the PDFs.

To add a link, please do the following:

- Choose **Home > Link** .
- Position the cursor on the place you want to add the link, hold, and drag your mouse button to draw a rectangle.

Tips: To draw a square link, press the **Shift** key when you hold and drag your mouse button.

- Right after you draw a link, a **Create Link** window will pop up, under which you can set

the appearance and destination of the link.

➤ **Appearance**

- A. Thickness – the thickness of the four sides of the rectangle. The higher of the value, the thicker of the sides. You can choose the thickness from 0-12, while the default is 1.
- B. Border Style – the style of the rectangle’s border. There are three types of border styles:

Solid: the border is solid, but not hollowed out.

Dashed: the border is drawn as a dashed line.

Underline: the sides are visible except the underline.



Solid Style



Dashed Style



Underline Style

Three Types of Border Styles

- C. Highlight – the effect when you click the rectangle link. There are four types of highlighting effects:

None: doesn’t change the appearance of the link.

Invert: changes the link’s color to its opposite.

Outline: changes the link’s outline color to its opposite.

Inset: creates the appearance of an embossed rectangle.



None



Invert



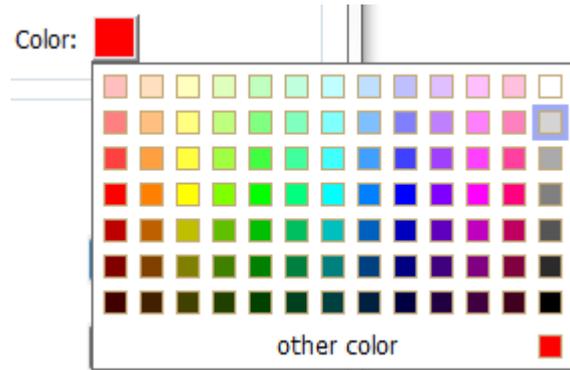
Outline



Inset

Four Types of Highlight

- D. Color – the border color of the rectangle. Click the color button to choose any colors you like, or you may choose **Other colors** to add a customized color. The default color is red.



Choose the Color

➤ *Destination*

The destination refers to any point or location, for example, a web page, a named file, or position the link goes to. There are four options for you to choose:

A. Go to a page view – designate the link to a specific page view. You can jump to a page either in the current PDF or in another PDF. Before setting the position, you may also change the current zoom settings.

To go to a page view, choose this option, click the **Next** button, and do one of the following:

- ✧ Set the position in current document – scroll the current document, go to a new position where you want to set and click **Set this position**.
- ✧ Set the position in a local PDF document – click the **Open** button  on the toolbar > select the PDF you want to set position to > scroll this document and go to a position where you want to set > click **Set this position**.
- ✧ Set the position in a PDF file attachment – open the PDF file that contains PDF file attachments > click the Attachments icon in the Navigation pane to open the Attachments panel > open the file attachment by double click > scroll through the file attachment and go to a position where you want to set > click **Set this position**.

Note:

1. *The new PDF document should be opened in a new tab in the existing window but not a new window. While setting the position, you can press **Ctrl + mouse scroll** to change the page magnification. Before setting the position, you can click **Cancel** to cancel your operation, if necessary.*
2. *The linked local PDF documents are saved in your local disks. You need to send the parent PDF document and the linked documents to users to ensure that the linked documents can be opened. However, the linked PDF file*

attachments are always saved with the PDF document.

B. Go to a named position – designate the link to a named position that has been set by the creator of the current document.

To go to a named position, choose this option and click the **Next** button > select a named position for the pop-up list > click **OK**.

Note: *An empty pop-up list indicates that the document's creator has not designated a position.*

C. Open/execute a file – designate the link to open another file. To do this, please follow the steps below:

✧ Choose **Open/execute a file** > click **Next** button > select the destination file and click **Open**.

D. Open a web link – designate the link to open a web page. Do the following:

✧ Choose **Open a web link** > click **Next** button > enter the URL of the destination web page or click the drop-down button to select a web site you have opened before.

Tip: If the PDF file contains a web link, you can hover over it to reveal the URL.

E. Others (use action property page) – add an action to the link. Please refer to [“Adding an action to a bookmark”](#) for more details.

Moving or Resizing a Link

You can move and resize the link after you create it.

- Select one of the link commands or the Select Annotation command , and then move the pointer over the link so that the handles appear.
- Do one of the following:
 - A. To move the link, drag it to the desired area.
 - B. To resize the link, drag any corner point to adjust.

Deleting a Link

- Select one of the link commands or the Select Annotation command , and then move the pointer over the link so that the handles appear.
- Select the link you want to delete.

- Press the **Delete** key.

Attaching Files

You can attach PDF files and other types of files to a PDF. If you move the PDF to a new location, the attachments move with it. Attachments may include links to or from the parent document or to other attachments.

There are two options for you to add an attachment: attaching a file as a comment and attaching a file. An attached file as a comment will appear on the page with the File

Attachment icon  by default, while the attached file acts invisible and only can be seen when you click the File Attachment icon.

Adding a File as a Comment

Do the following:

- Choose **Comment > File** .
- Click the place in which you want to attach the file.
- In the **Open** dialog box, select the file you want to attach, and click **Open**.

***Note:** If you try to attach certain file formats (such as EXE), Foxit Reader will warn you that attempting to attach the file of this type is denied due to your security settings.*

- The File Attachment icon  will appear at the place you designated it.

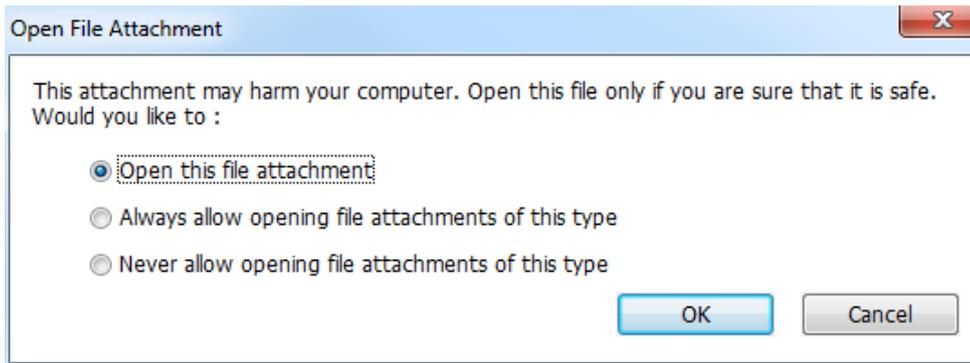
Working on the Attachment Comment

You can open the attachment, add a description, move and delete it, and set the preferences.

Opening an Attachment

Select the Hand command , Select Annotation command  or the Attach a file as comment button , and do the following:

- Double-click the File Attachment icon .
- In **Open File Attachment** dialog box, choose the option as you need, and click **OK**.



Open File Attachment Dialog Box

- A. Open this file attachment – open this file attachment, and the dialog box will always pop up when you double-click the File Attachment icon.
- B. Always allow opening file attachments of this type – open this file attachment, and the files of this type will be opened automatically when you double-click the File Attachment icon next time.
- C. Never allow opening file attachments of this type – forbid to open the file attachments of this type. Whenever you double-click the File Attachment icon, the files of this type will be forbidden to open and you'll be prompted that the "File attachment of this type cannot be opened because of your security settings".

See also ["Doing Security Settings"](#).

- Save the PDF.

Moving a File Attachment Icon

Select the Hand command , Select Annotation command , or the Attach a file as comment button , click and drag the File Attachment icon to move it to another place.

Deleting an Attachment Comment

Select the Hand command , Select Annotation command , or the Attach a file as comment button , and do one of the following:

- Right-click the File Attachment icon  and choose **Delete**.
- Click the File Attachment icon and press **Delete** key.

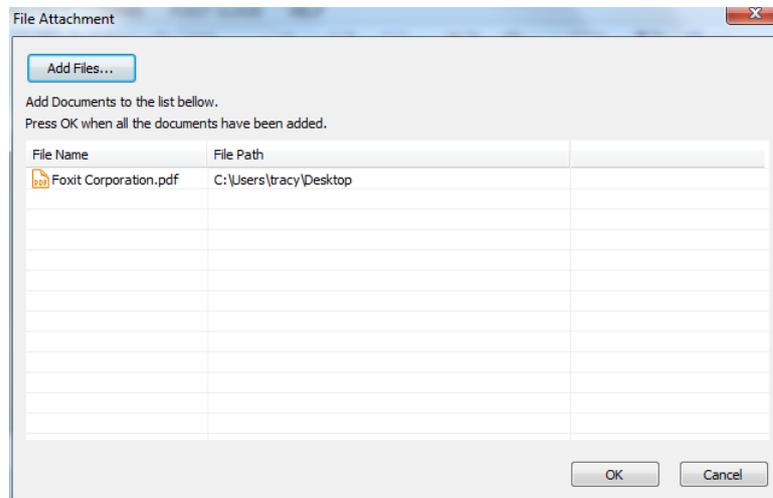
More Options with an Attachment Comment

You are able to work on the attachment comment just like an ordinary comment, including set statuses, mark with checkmarks, and change the icon's appearance. For more information, please refer to "[Chapter 5 – Comments](#)".

Adding a File

Do the following:

- Choose **View > Navigation Panels > Attachment** to open the Attachments panel and then click the  icon.
- In the **File Attachment** dialog box, click **Add Files > Add Files** or **Add Folder**.
 - If you choose **Add File**, navigate through your local disk to select a local file, or click **Open from ECM** to select a file from your ECM server or cloud service after login. Then click **Open** to continue.
 - If you choose **Add Folder**, select a folder and click **OK** in **Browse for Folder** dialog box.
- Click **OK** in **File Attachment** dialog box and the selected file (s) will be added to the current PDF document.

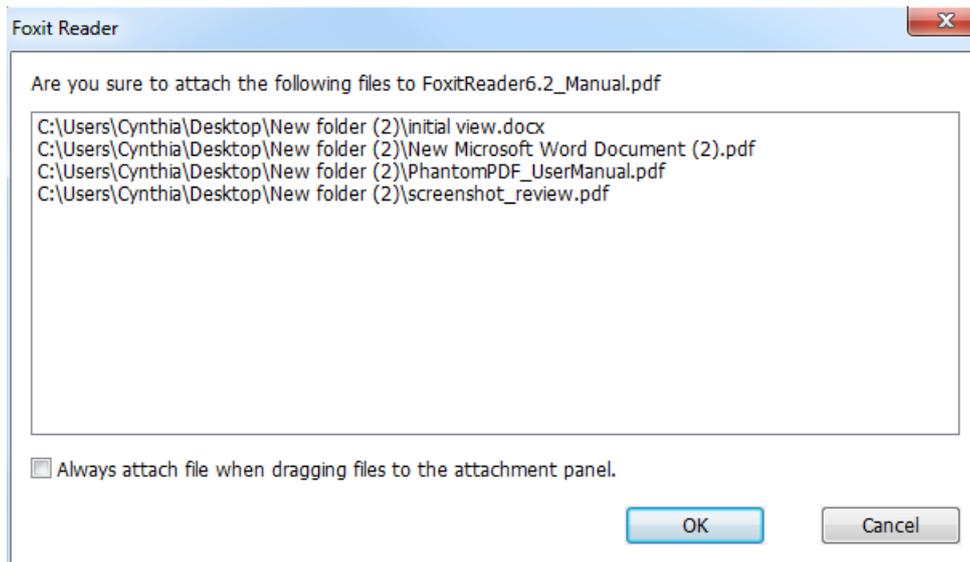


- Click **Save** to save the document.

Alternatively, Foxit Reader supports attaching files by dragging and dropping. Steps are as follows:

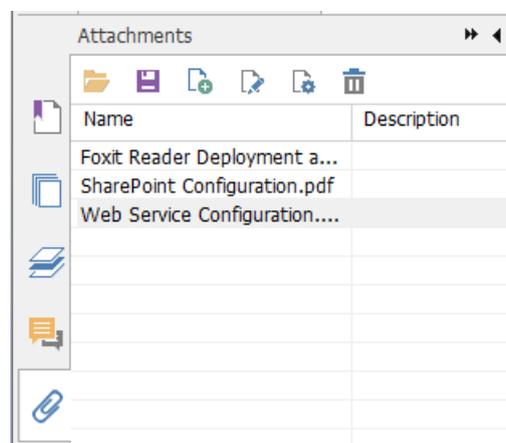
- Choose **View > Navigation Panels > Attachment** to open the Attachment panel.
- Drag and drop the files to be attached to the Attachment panel. You can also drag and drop folders to the attachment panel to add multiple files to the current PDF file.
- Foxit Reader will pop up a window to ask you to attach the selected file to the current PDF document. Click **OK** to complete the operation. You can check the **Always attach**

file when dragging files to the attachment panel option and the next time you drag and drop a file to the Attachment panel, the file will be directly attached.



Working on the Attachments

If the PDF file contains attachments, a red solid dot will be displayed over the Attachment panel icon. In the Attachment panel, you can open, save, delete, and edit the settings of the attachments.



The Attachments Panel

In the Attachments panel, there are a number of options as follows:

Open  - opens the attachment you select.

Save  - saves the attachment you select to a new file.

Add  - adds a file or folder to the current PDF.

Edit Description  - edits the description to the attachment you select.

Settings  – changes the security settings when you open an attachment. For the details, please refer to “[Doing security settings](#)”.

Delete  – deletes the attachment you select.

Opening an Attached File

- Choose **View > Navigation Panels > Attachment** to open the Attachments panel.
- Select one of the attachments > click the **Open** button  in the Attachments panel.

Note: Only one attachment can be chosen at a time.

Saving an Attached File

This option lets you save the attachment as a new file.

- Choose **View > Navigation Panels > Attachment** to open the Attachments panel.
- Select one of the attachments > click the **Save** button .
- Navigate the filename and location > click **Save**.

Deleting an Attached File

- Choose **View > Navigation Panels > Attachment** to open the Attachments panel.
- Select one of the attachments > click the **Delete** button .

Doing Security Settings

To change the security settings you have set when you open the attachment file as a comment, choose **View > Navigation Panels > Attachment** to open the Attachments panel. Click the **Settings** button in the Attachment panel and do one of the following:

- To add a new extension, click the **Add** button to input the file extension in the **Security Settings** dialog box.
- To delete an extension, click one of the existing extensions, and click the **Delete** button.

Adding Images

You can specify a rectangle on any part of a PDF page and then insert an image into that rectangle. This feature is helpful when you want to explain or show something more dynamically. For example, a section of an article you are reading needs an explanation, and you realize that maybe an image will be the best answer. You can add an image with

the image command in Foxit Reader.

Adding an Image

You can add an image to a PDF with the Image Annotation command . After you insert a new image, you can adjust its size and position, change the appearance and other settings.

To add an image, do the following:

- Choose **Home > Image Annotation** .
- Drag a rectangle on the page to define the canvas area for the image.
- In the **Add Image** dialog box, click the **Browse** button to select the image that you want to insert and click the **Open** button. You will see the URL of this image has been added to the Location field.
- (Optional) If you find that you chose the wrong image, click the **Browse** button again to select the correct one.
- Click the **Advanced** button to edit the settings of the image.

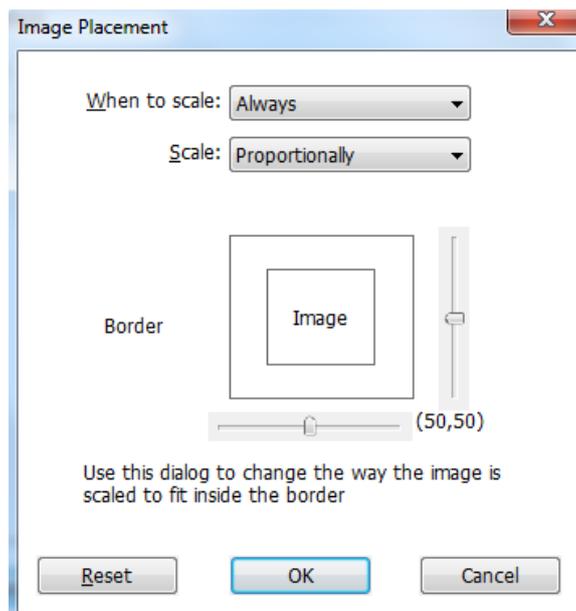


Image Placement Dialog Box

- A. When to scale – choose when to scale the image you insert. There are four options:
- a) Always: scale the image to fit the rectangle you draw.
 - b) Icon is too big: zoom out the image to fit the rectangle if the former one is bigger than the latter one, or show the image with its original size.
 - c) Icon is too small: zoom in the image to fit the rectangle if the former one is smaller than the latter one, or show the image with its original size.
 - d) Never: never scale the images. Show the image with its original size all the time.

- B. Scale – choose to scale the image non-proportionally or proportionally. This option will

be disabled when you select **Never** in the field of **When to scale**.

- a) Non-proportionally: scale the image to fit the rectangle when the magnification is changed.
- b) Proportionally: scale the image by its proportions.

C. Border – drag and move the scroll bar to change the image's position in the rectangle. The coordinates change when you move the scroll bar.

- Click **OK** for your changes to take effect, or click **Reset** to reset the data to the original settings.
- To rotate the image, click and select one of the options.
- Click **OK**.

Moving and Resizing an Image

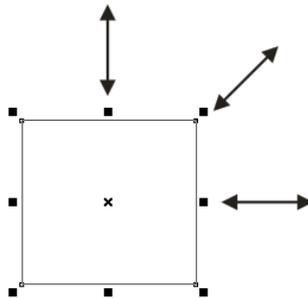
You can move and resize an image after inserting.

Moving an Image

- Select the Select Annotation command  or the Image Annotation command , put the pointer over the image so that the handle appears.
- Click and drag the image to another place you like.

Resizing an Image

- Select the Select Annotation command  or the Image Annotation command , put the pointer over the image so that the handle appears, and then click the image.
- Place the cursor on any corner point. Pointer changes into the cursor showing the direction at which the rectangle will be resized.



To Resize the Image

- Dragging the cursor outside will increase the size of the rectangle proportionally. Drag the cursor inside, and it will decrease the size of the rectangle proportionally.

Setting Properties of an Image

- Double-click the image, or right-click it, and select **Properties**.
- In the **Settings** tab, follow the steps in [“Adding an Image”](#).
- In the **Appearance** tab, do any of the following:
 - A. Annotation is hidden from view – Check the option to make the image you inserted invisible or uncheck the option to lay the image over the content of PDF.
 - B. Border – Change the type, width, style and color of the rectangle’s border.

Width: choose to show the rectangle’s border or not, as well as the width of the border. If No border is selected, the **Style** and **Color** will be disabled.

Style: choose the style of the border line, solid or dashed.

Color: change the color of the border. Click the color button to select any color you like, or click **Other colors** to choose a customized color.
- (Optional) Check **Locked** to avoid modifying your settings.

Deleting an Image

- Select the Select Annotation command  or the Image Annotation command  , put the pointer over the image so that the handle appears.
- Right-click the image and choose **Delete** from the drop-down window.

Working with Multiple Images

Selecting Multiple Images

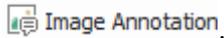
- Select the Select Annotation command  or the Image Annotation command  **Image Annotation**.
- Press and hold Shift or Ctrl and click the images you want to edit.

Arranging Images

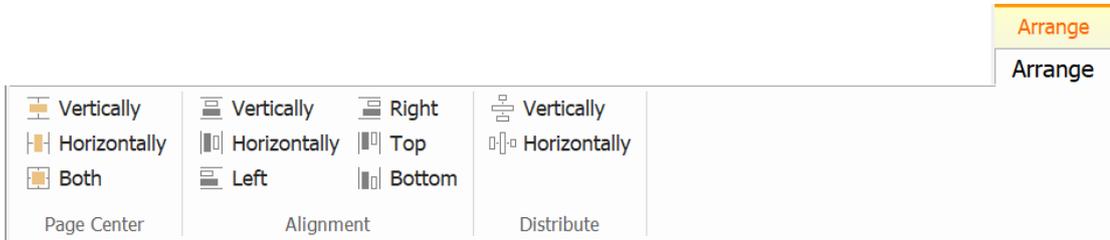
You can align the selected images left, right, top, bottom, vertically, or horizontally. Select one of the images as the anchor, and the rest of the images will be placed respectively to the left edge, right edge, top edge, bottom edge, vertical axis or horizontal axis of the anchor image.

1. Arranging images through Arrange context tab

- Select the Select Annotation command  or the Image Annotation command



- Click the image, and then the **Arrange** context tab will be called out.



- Follow the steps specified in ["Arrange measurement markups through Arrange context tab"](#).

2. Arranging images via the context menu

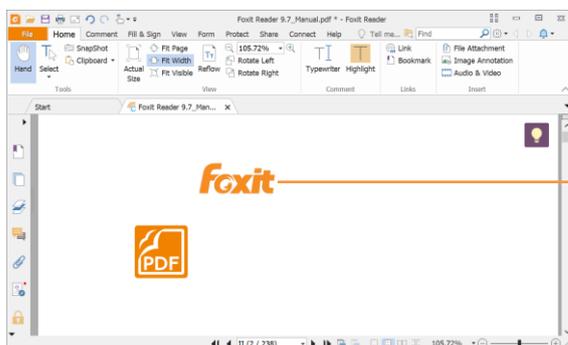
- Select the Select Annotation command  or the Image Annotation command

 **Image Annotation**, and choose the images that you want to arrange.

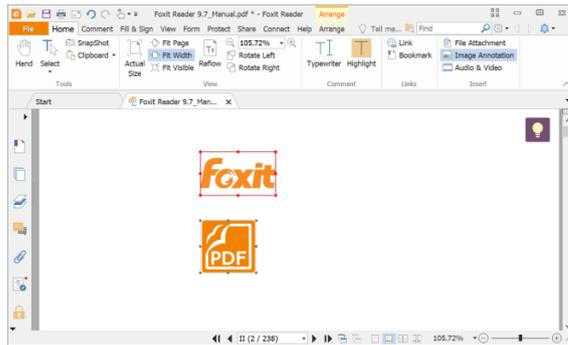
- To align the images based on an anchor object:
 - Right-click the anchor, and then choose a command in the **Align** menu as follows:
 - A. To align a column of images, choose **Left**, **Right**, or **Vertically** to align them respectively to the left edge, right edge, or vertical axis of the anchor image.
 - B. To align a row of images, choose **Top**, **Bottom**, or **Horizontally** to align them respectively to the top edge, bottom edge, or horizontal axis of the anchor image.

***Note:** The alignment commands move the other selected images to line up with the edges of the anchor image.*

Below is an example:



A. Suppose that you want to set A as the anchor image.

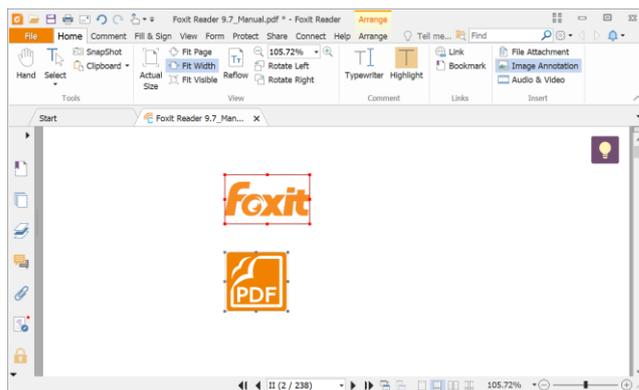


- B. Select these two images > right-click A and choose **Align > Left**. You will see the other image placed to the left edge of A.

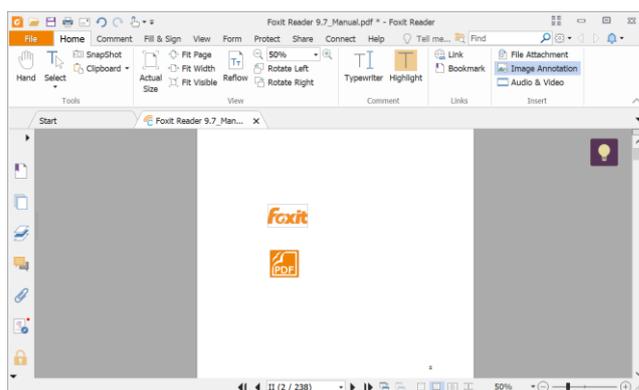
- To center the images:

- To center the images vertically on a page, choose **Center > Vertically**.
- To center the images horizontally on a page, choose **Center > Horizontally**.
- To center the images vertically and horizontally on a page, choose **Center > Both**.

Below is an example:



- A. Select two images. You can see each of the two images consist of an area with the shape of a rectangle.



- B. Right-click one of the images > **Center > Vertically**.

- To distribute images:

This function will be available when selecting three or more images.

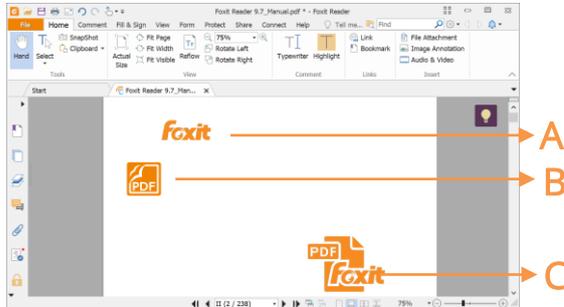
- To distribute the images evenly between the topmost and bottommost images, click

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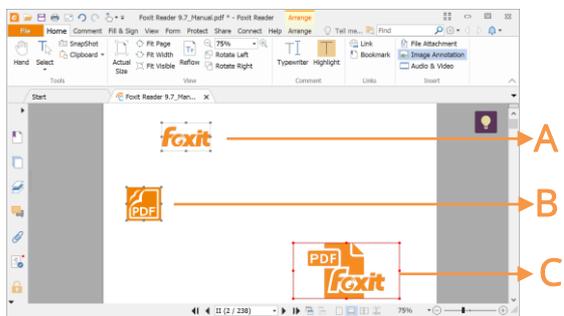
Arrange > Vertically in the **Distribute** group.

- To distribute the images evenly between the leftmost and rightmost images, click **Arrange > Horizontally** in the **Distribute** group.

Below is an example:



- A. Select three images A, B and C. A is the topmost image and C is the bottommost image.

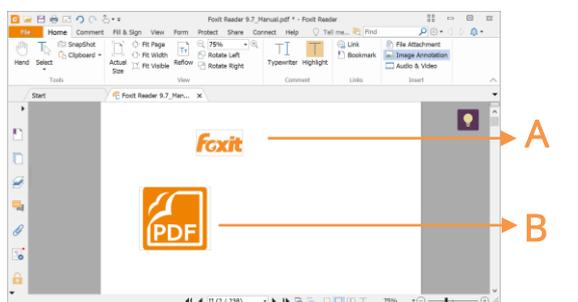


- B. Right-click any one of the images > **Distribute > Vertically**. And you will see that B is distributed evenly between A and C.

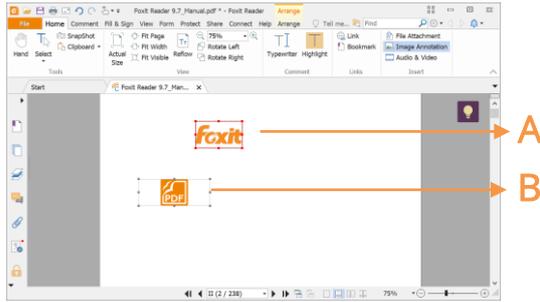
Resizing Multiple Images

You can adjust multiple images with the same height, width, or both. Select one of the images as the anchor, and the rest of the images will be resized with the same height or width as that of the anchor image.

Below is an example:



- A. Select images A and B. Suppose that you want to set A as the anchor image.



- B. Right-click A > Size > Height. And you will see that the height of B is resized to be the same as that of A.

Setting Properties of Multiple Images

- Select multiple images > right-click one of them > **Properties**.
- A dialog pops up with an Appearance tab. Follow the steps specified in [“Setting Properties of an Image”](#).

Adding Audio & Video

Foxit Reader not only supports playing multimedia in PDFs, but also allows users to add and edit multimedia files to a PDF. In Foxit Reader, you can add movies and sounds to PDFs.

The Audio & Video command in Foxit Reader adds movies and sounds to your PDF documents and creates a multimedia PDF experience. Adding movies or sounds to PDFs is as easy as inserting an image. "Movies" are desktop video files with formats such as AVI, QuickTime, and MPEG, and file extensions such as .avi, .wmv, .mov, .qt, .mpg, and .mpeg. An animated GIF file always has a .gif file extension, while "Sounds" are midis, wavs, and mp3 files.

You can also provide different renditions of the movie to play if the user settings vary. For example, you may want to include a low-resolution rendition for users with slow Internet connections.

Note: *If an alert message tells you that no media handler is available, you must install the appropriate player before you can add clips to the PDF. For example, you must install QuickTime if you want to embed an MOV file in a PDF.*

Adding Movies or Sounds

1. Choose **Home > Audio & Video**  **Audio & Video**.
2. Press and hold mouse button down, drag to select an area on the page where you want the movie or sound to appear. For movies, the play area is the exact size of the movie frame.

3. In the pop-up **Add Video & Audio** dialog box, you will see some options listed below:

- Location: click the **Browse** button to select the movie file you want to insert.
- Content Type: the type of the media you insert. It is selected automatically. But you can also specify the clip type if you want. Please note that changing the Content Type setting may cause problems in playing the media.
- Embed content in document: includes the media file into the PDF file. This option will increase the file size of the PDF. It is selected by default. If the check box is cleared, you will not be able to play it if you open this PDF file on other computers.
- Poster Settings: choose whether to display an image in the play area when the movie isn't playing. You can choose to use no poster or to create a poster from an image file.

Editing the Play Area

After adding a movie or a sound clip, you can move, resize, or delete the play area easily.

- Choose the Select Annotation command  or the Audio & Video command  . Click the play area to select it.
- To move the clip, hold down the left mouse button, and drag the clip to a new location on the page.
- To resize the clip, place the cursor on any corner point. When the pointer changes into the cursor showing the direction of which the rectangle will be resized, drag one of the corners of the frame to the intended size. Holding down the **Shift** key retains the movie clip's proportions.
- To delete the clip, simply select it and press **Delete**, or right-click the clip and choose Delete.
- To align, center, distribute, or size multiple clips, please refer to "[Working with multiple images](#)".

Setting Audio &Video Properties

In Foxit Reader, you can specify properties for the multimedia files you add, such as the appearance of a movie's play area, whether the movie plays once or continuously, and other player settings.

To set Audio &Video properties, please do the following:

- Select the Audio & Video command  or the Select Annotation command  .
- Double-click the play area or right-click the play area > **Properties**.

The pop-up **Audio & Video Properties** dialog box has a **Settings** tab, an **Appearance** tab and an **Actions** tab. Also, there are two items on every tab:

- Locked – Check to prevent any further changes to any audio & video properties.
- Close – Applies and saves the current properties, and closes the **Audio & Video Properties** dialog box.

***Note:** If you select **Locked** on any tab, it will lock all options for this video & audio file, and not just only the options on that tab.*

1. Settings tab for the Video & Audio Properties

The **Settings** tab in **Audio & Video Properties** contains the following options:

- **Annotation Title** -- Enter the title of the movie or sound in the Annotation Title box. This title does not determine which media file is played.
- **Alternate Text** -- Enter a description of the media file in the Alternate Text box.
- **Renditions** – Allows you to create alternate or other renditions to ensure that users can play the movie or sound clip on their systems.
 - A. List Renditions for Event -- You can assign different renditions to different actions but Mouse Up is chosen by default. Mouse Up means that when the mouse button is clicked and released, the rendition is played.
 - B. Add Rendition – There are three ways for you to choose:
 - Use a File:** Double-click the file you want to add to the rendition list. The content type is selected automatically.
 - Use a URL:** Type the URL and select the content type.
 - By Copying an Existing Rendition:** Select the rendition you want to copy.
 - C. Edit Rendition – When clicking the Edit Rendition button, the **Rendition Settings** dialog box appears, which allows you to specify the playback location and other settings to differentiate it from other renditions.

***Media Settings** -- Specifies the general properties for the movie or sound clip:*

- **Rendition Name:** Enter the name for the rendition, which will appear in the list of renditions. (This name does not determine which media file is played.)
- **Media Clip Location:** Specify the clip by typing or navigating to it.
- **Content Type:** This will be selected automatically when you specify the clip location. Changing the Content Type setting may cause problems in playing the media.
- **Embed content in document:** Includes the media file into the PDF file. This option will increase the file size of the PDF. It is selected by default. If the check box is cleared, you will not be able to play it if you open this PDF file on other computers.
- **Rendition Alternate Text:** Type a description of the rendition.

- **Allow Temp File:** Specify whether writing a temp file is allowed and when. Some media players write a temp file when they play a movie or sound clip. If you want to prevent users from easily copying the media content in a secure document, you may want to disallow the creation of temp files. However, selecting this setting may prevent the movie from being played by media players that require the use of temp files.

Playback Settings – Use this tab to determine how the movie or sound clip is played.

- **Keep Player Open:** Select whether you want the player to close after it plays the movie or sound clip.
- **Volume:** Lets you specify how loud the movie will be played.
- **Show Player Controls:** Select to display a controller bar at the bottom of the play area allowing users to stop, pause, or play the media, assuming the media player supports player controls.
- **Repeat:** Lets you replay a clip twice or multiple times, or continuously.
- **Player List:** Click **Add** to specify a player and the settings that are required, preferred, or disallowed to play the movie or sound clip. Select the name of the player and the status. If you set the status of more than one player to Required, only one of the required players may be used to play the rendition. If you set the status of players to Preferred, these players are selected over nonpreferred players (but not over required players). If you set the status of players to Disallowed, they are not used to play the rendition.
- **Add/Edit/Delete button:** Allows you to add a new player, as well as edit or delete the selected player in the Player List.

Playback Location– Determines whether a movie or sound clip is played in the PDF, remains hidden while played (recommended for sound clips), is played in a floating window, or is played full screen. The options for Floating Window Settings are unavailable except when you choose Floating Window.

- **Playback Location:** Selects the location for playing a movie or sound clip.
- **Background Color:** Selects the background color for the media player.
- **Show title bar:** Selects to show or hide title bar when playing the media in a floating window.
- **Show control closing window:** Selects to show or hide the close button at the top right corner in a floating window.
- **Title Text:** Adds a title for the media that will be showed on the title bar when playing the media in a floating window.
- **Resize:** Allow or forbid users to resize the floating window. There are three options for you to choose: Don't allow user to resize window, Allow user to resize window but maintain original aspect ratio, or Allow user to resize window.
- **Window Position:** The window position of the media file is determined relative to the document window, application window, the virtual desktop, or document monitor.
- **Width/Height:** Specifies the width and height of the floating window.

- **If Window is Offscreen:** Selects to play or not play, or move the window onto the screen to play the media file if the floating window is offscreen.

2. Appearance tab for the Audio & Video Properties

In the **Appearance** tab, do any of the following:

- **Annotation is hidden from view** – Check this option to make the media file you inserted invisible or uncheck the option to place the media file over the content in the PDF.
- **Border** – Change the width, style, and color of the media file's border.
 - A. Width -- Choose the width of the border.
 - B. Style -- Choose the style of the border line, solid or dashed.
 - C. Color -- Change the color of the border. Click the color button to select any color you like, or select **Other colors** to choose a customized color.
 - D. Change Poster – Choose to use no poster or a specified poster for the media file.

3. Actions tab for the Audio & Video Properties

Please refer to "[Adding an Action to a Bookmark](#)".

Chapter 9 – ConnectedPDF

Foxit ConnectedPDF allows each PDF to carry an identity assigned by the ConnectedPDF cloud service, and tracks all the events on the PDF like creation, distribution, and modification. So no matter where the ConnectedPDF document goes, how many distributions and modifications done to it, the document owner can always track the document in real time and collaborate with the document viewers involved. Therefore, ConnectedPDF connects files, people, location, and systems together while ordinary PDF is separate and static.

The **Connect** tab in Foxit Reader toolbar provide powerful and easy-to-use commands to create and track the access to Connected PDFs. You can also join a shared review on Connected PDFs based on cloud storage anytime anywhere. The detailed features include:

- Convert PDF to ConnectedPDF
- Convert other formats to ConnectedPDF when creating to PDF
- Track any access to ConnectedPDF documents
- Show usage data in document homepage
- Register and upload a new version of ConnectedPDF document
- Permission configuration
- Dynamically approve and revoke document permission
- Dynamically request document permission and response to the changes of document permission
- Share your file by generating a file link and sending it via email or to social media
- Connected review without having to set up a shared folder
- Document locator and request
- Share comments and discussions on PDF documents

Foxit ConnectedPDF is available only in the specific language versions of Foxit Reader, like English and Chinese versions. For more information about ConnectedPDF, please refer to [ConnectedPDF User Manual](#).

Chapter 10 – Printing

Printing is a process for reproducing text and images. When you have finished reading a helpful article or designing a PDF form, you may need to send it to an inkjet or laser printer and print it out with custom page sizes. With this section, you can get the help to set preferences in the Print dialog box to ensure that the finished document appears as intended.

Printing PDF Documents

- Make sure you have installed the printer successfully.
- To print a single PDF document, open the PDF document with Foxit Reader, and then do any of the following:

- Click the **Print** button  on the Quick Access Toolbar.
- Press the shortcut key Ctrl + P.
- Choose **File > Print**.

To print multiple PDF documents, open Foxit Reader, and choose **File > Batch print**.

- Specify the printer and other printing options in the pop-up dialog box. For more information, please refer to "[Print Dialog](#)".
- (For batch print) In the **Batch Print** dialog box, click **Add files** to add PDF files that you want to print (Tip: In the **Open** dialog box, navigate through your local disk to select a local file, or click **Open from ECM** to select a file from your ECM server or cloud service after login). You can check **Included all opened PDF Documents** option to add all the opened PDF documents to the printing list. After adding PDF documents, select a PDF document in the file list, and click **Page Range Options** to specify the page range to be printed. Foxit Reader allows users to print attachments including PDF, TXT, images and Microsoft Office files. Please check **Include all attached** option in the **Page Range Options** dialog box if you need to print the attachments. In the **Files for printing** list, click **Move up** or **Move down** to change the printing order of the selected PDF document, or click **Remove** to remove the selected file from the list.
- Click **OK** to Print.

Printing a Portion of a Page

To print a portion of a page, you need to refer to the SnapShot command  SnapShot .

- Choose **Home > SnapShot**  SnapShot .
- Drag around the area you want to print.
- Right-click in the selected area > choose **Print**, and then refer to the **Print** dialog.

Printing the Specified Pages or Sections

Foxit Reader allows you to print pages or sections associated with bookmarks directly from the Bookmark panel. Steps are as follows:

- Choose **View > Navigation Panels > Bookmarks** to open the Bookmark panel if it is hidden.
- In the Bookmark panel, click to select a bookmark, or press **Shift** or **Ctrl + Click** to select multiple bookmarks.
- Right click the selected bookmark, choose **Print Page (s)** to print all the pages associated with the selected bookmarks, or choose **Print Section (s)** to print the sections associated with the selected bookmarks.
- In the **Print** dialog box, specify the printer and other options as desired, and click **OK**.

Note: Bookmarks appear in a hierarchy, with parent bookmarks and child (dependent) bookmarks. If you print a parent bookmark, all page contents associated with the child bookmarks will also be printed.

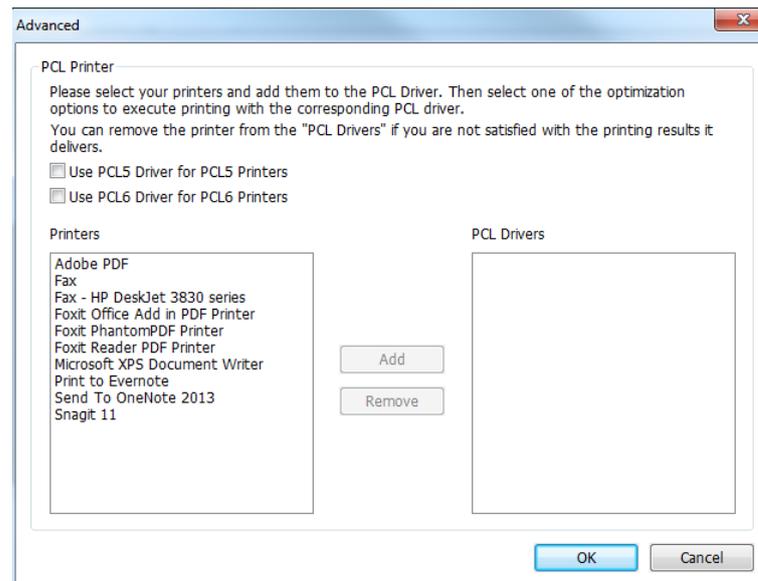
Print Optimization

Print Optimization allows you to optimize print jobs from a PCL driver, for features such as font substitution or scanning for vertical and horizontal rules. Foxit Reader provides an option to auto-detect printers that support PCL optimization, to improve printing speed. To enable print optimization, please follow the steps below:

- Choose **File > Print** to open **Print** dialog.
- Click **Advanced** on the left lower corner of the **Print** dialog.
- In the **Advanced** dialog, do the following:
 - Select a printer from the Printers list, and click **Add** to add the selected printer to the PCL Drivers list.
 - Check one of the optimization options (**Use <PCL_level> Driver for <PCL_level> Printers** option) based on your printer driver level.
 - Click **OK**.

Then you can begin printing with the optimized driver. And you can also remove the printer from the PCL Drivers list if you are not satisfied with the printing results it delivers. Just select the driver to be removed from the PCL Drivers list, click **Remove** and then choose **OK** to confirm the operation.

Tip: To enable PCL print optimization, please make sure that the **Use GDI+ Output for all types of printer** option in [printer preferences](#) is unchecked. Otherwise, settings in printer preferences will prevail and GDI++ device will be used for printing for all types of printers.

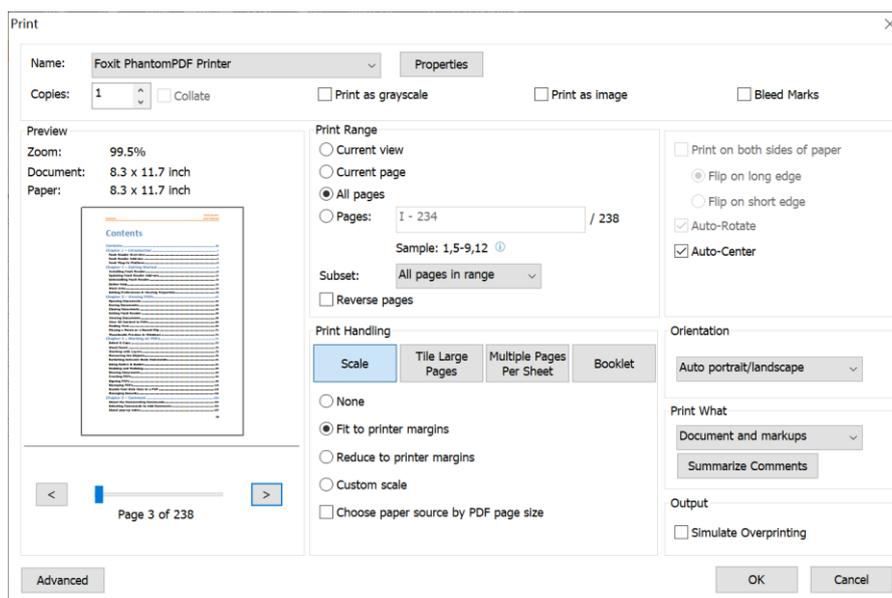


Print Dialog

The Print dialog is the final step before printing. You can modify the printer in this dialog as well. Be aware that changing the printer may affect the page setup if the new selected printer has a different paper size, for instance.

The Print dialog allows you to make a number of changes about how your document prints. Follow the step-by-step descriptions in the **Print** dialog box.

To open the **Print** dialog box, choose **File > Print** or right-click the tab and select **Print Current Tab** if using Multi-Tab browsing.

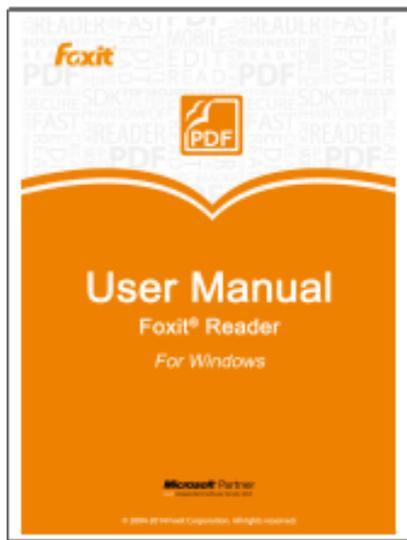


The Print Dialog Box

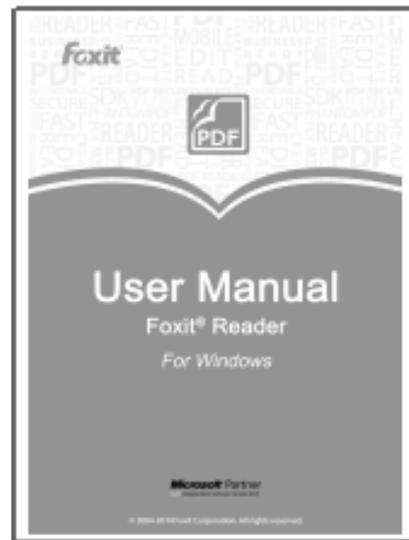
Chapter 10: Printing

- Name -- You can select your printer from the list of installed printers. To configure advanced options of the printer, click on the **Properties** button. This will display specific printer options.
- Copies – Sets the number of copies you want to print.
- Collate – Assembles the printouts in a proper numerical or logical order when printing several copies. This option is checked by default and will be disabled when printing just one copy.
- Print as grayscale – To print the PDF document with color images, texts, or other objects as shades of gray.

For example, RGB or CMYK image-only PDFs, in particular, can be quite large. Converting these PDFs to grayscale can reduce the size of the file and increase the printing speed.



Print as normal



Print as Grayscale

- Print as image—To print the PDF document as an image.
- Bleed Marks — Place a mark at each of the four corners of the bleed box to indicate the PDF bleed box boundaries.
- Preview -- Foxit Reader provides an instant preview in the Print dialog box.

You can use the magnification command as well as the navigation command on the print dialog box to preview the individual pages in desired magnification level. Both the document size and the paper size are shown in Preview.

*Tip: To change the unit of page dimensions, please go to **File > Preferences > Documents > Measurement Units**.*

- **Print Range** – This option lets you print different parts of a PDF document. You can specify to print all pages or only certain ones.

Current view – Prints the page area (including text, comments, images, tables, or a combination of all of them) that is visible in the current view.

Current page – Prints the page that is visible in the current view.

All pages – Prints all pages of a PDF document.

Pages – Specifies the range of pages to print separate pages in the PDF. Enter page numbers and/or page ranges separated by commas. For example, 1,3,7-10. If your PDF contains formatted page numbers, and the **Use logical page numbers** option is enabled in **File > Preferences > Page Display**, you should enter the numbers that match the numbering on the pages rather than the physical page numbers. For instance, if you want to print the second page of your document which is numbered ii, you should enter ii to print the page. See also the preference setting on [logical page numbers](#).

- **Subset** – Provides options for setting noncontiguous page ranges.

All Pages in range – Prints all the pages within the specified range.

Odd pages only – Prints only pages with odd numbers within the specified range.

Even pages only – Prints only pages with even numbers within the specified range.

Note: This option is especially helpful for two-side printing.

- **Reverse pages** – Prints pages in reverse order. If page ranges are entered, the pages print opposite of the order in which they were entered. For example, if you select to print the document from page 5 to page 30, selecting the Reverse pages option will print from page 30 to page 5.

- **Scale** – Sets the scaling during printing, including the following five options:

A. **None**: Prints the pages without scaling.

B. **Fit to Printer Margins**: Scales small pages up and large pages down to fit the paper.

C. **Reduce to Printer Margins**: Reduces large pages to fit the paper.

D. **Custom Scale**: Resizes the pages by the percentage you specify.

E. **Choose paper source by PDF page size**: Automatically chooses paper source according to PDF page size.

- **Tile Large Pages**: To tile the pages which are larger than the selected paper size at a specified scale.

A. **Page Zoom**: Scales the pages by the percentage you specify.

B. **Overlap**: Sets the amount that each tile overlaps the adjacent tiles (unit: inch).

C. **Cut Marks**: Adds cut marks to each page to help you trim the overlap.

D. **Labels**: Adds the name of the document and page number on each tile.

- Multiple Pages Per Sheet: Allows you to print multiple pages in one sheet.
 - A. Pages per sheet: Choose a predefined number of pages or custom the number of pages to be printed in one sheet. If you select a predefined one from the drop-down menu, Foxit Reader will automatically select the best paper orientation; otherwise, Foxit Reader will let you define the properties as required.
 - B. Page Order: Defines how the pages are ordered on the paper, including Horizontal, Horizontal Reversed, Vertical and Vertical Reversed.
 - C. Margins: Sets the margins for printing.
 - D. Print Page Border: Check this option to print pages with a page border.
- Booklet: Allows you to print PDFs in booklet format.
 - A. Binding: Sets the binding direction, including Left and Right.
 - B. Booklet subset: Choose Front or Back if you only want to print one side of each sheet of paper, choose Both to print PDFs in double-sided booklet format.
 - C. Margins: Sets the margins for booklet printing.
- Print on both sides of paper (available only when the selected printer supports duplex printing)
 - A. Flip on long edge: Print the document where the paper flips along the long edge.
 - B. Flip on short edge: Print the document where the paper flips along the short edge.
- Auto-Rotate – Adjusts the PDF document's orientation to match the orientation specified in the printer properties.
- Auto-Center – Places the PDF pages in the center.
- Orientation

Selects a page orientation to print the document in. If **Auto portrait/landscape** is selected, the printer will automatically adjust the page orientation based on the page size and the paper size. For example, with the page height larger than the page width, the printer will print the page in portrait orientation, and vice versa. The **Choose paper source by PDF page size** option in **Page Handling** overrides the **Auto portrait/landscape** option here.

Tip: If you want to print a horizontal document vertically, or a vertical document horizontally, you should uncheck **Auto-Rotate** in case the document's orientation is adjusted automatically based on the paper orientation.

- Print What – Specifies to print documents only, annotations only, or both.

Document – Prints the document contents and form fields, not including annotations.

Document and markups – Prints document contents, form fields, and annotations. If you also need to print notes and popups associated with comments, please make sure that you check the **Print notes and pop-ups** option in [Commenting Preferences](#).

Document and stamps – Prints all document contents, form fields, and stamps, not including other markups (like note comments).

Form fields only – Prints the interactive form fields only.

- Output

Simulate Overprinting – Simulate the blending and overprinting of colors in the color-separated output.

- Advanced—To set PCL Optimization to get optimized printing jobs. For more details, please refer to [Print Optimization](#).

Chapter 11 – Appendices

This section is a collection of supplementary materials for this user manual, including Keyboard Shortcuts, Single-key Accelerators, and Command Lines.

Keyboard Shortcuts

There are number of keyboard shortcuts that you can use to speed up your navigation within Foxit Reader. Some particularly important ones are listed here:

File Keys

Action	Shortcut
Open File	Ctrl + O
Close File	Ctrl + W, or Ctrl + F4
Save As	Ctrl + Shift + S
Close All	Ctrl + Shift + W
Print Document	Ctrl + P
Exit Foxit Reader	Ctrl + Q
Save	Ctrl + S

View Keys

Action	Shortcut
Full Screen	F11
Zoom In	Ctrl + Num +
Zoom Out	Ctrl + Num -
Zoom To	Ctrl + M
Actual Size	Ctrl + 1
Fit to Page	Ctrl + 0
Fit Width	Ctrl + 2
Fit Visible	Ctrl + 3
Rotate Clockwise	Ctrl + Shift + Plus
Rotate Counterclockwise	Ctrl + Shift + Minus

Reset Toolbars	Alt + F8
Hide Toolbars	F8
AutoScroll	Ctrl + Shift + H
Stop AutoScroll	ESC
Show or hide Navigation pane	F4
Show or hide Menu Bar	F9
Switch between tabs	Ctrl + Tab
Switch to previous tab	Ctrl + Shift + Page up
Switch to next tab	Ctrl + Shift + Page down

Edit Keys

Action	Shortcut
Copy	Ctrl + C, or Ctrl + Insert
Find Text	Ctrl + F
Find Next	F3
Find Previous	Shift + F3
Preferences	Ctrl + K
Undo	Ctrl + Z
Redo	Ctrl + Shift + Z

Select Text Tool Keys

Action	Shortcut
Copy	Ctrl + C
Select All	Ctrl + A
Add Bookmark	Ctrl + B

Tool Keys

Action	Shortcut
Hand	Alt + 3
Select Text and Image	Alt + 6
Snapshot	Alt + 7

Exit Full Screen Mode	ESC, F11
Switch to Text Viewer	Ctrl + 6

Document Keys

Action	Shortcut
Previous Page	Ctrl + Page Up
Next Page	Ctrl + Page Down
First Page	Ctrl + Home
Last Page	Ctrl + End
Go to Page	Ctrl + G
Select All	Ctrl + A
Page Down	Space
Page Up	Shift + Space

Single-key Accelerators

You can select some commands and perform some actions with single-key accelerators. To enable single-key accelerators, please go to **File > Preferences > General**, and check **Use single-key accelerators to access tools** option in the **Basic Tools** group.

Keys for Selecting Commands

Command	Single-key Accelerator
Hand	H
Temporarily select Hand	Spacebar
Select Text and Image	V
Marquee	Z
Cycle through zoom commands: Marquee, Loupe, Magnifier	Shift + Z
Temporarily zoom out (when Marquee command is selected)	Ctrl
Temporarily select Zoom In	Ctrl+ Spacebar
Select Annotation	R
Link	L

Audio & Video	M
Cycle through Multimedia commands: Audio & Video, Image Annotation	Shift + M

Keys for Working with Comments

Action	Single-key Accelerator
Sticky Note	S
Replace Text	E
Stamp	K
Current highlighting command	U
Cycle through highlighting tools: Highlight, Underline, Strikeout	Shift + U
Current drawing markup command	D
Cycle through drawing markup commands: Cloud, Arrow, Line, Rectangle, Oval, Polygon Line, Polygon, Pencil, Eraser	Shift + D
Cloud	Q
Text Box	X
Current Stamp or Attach File command	J
Cycle through Stamp and Attach File	Shift + J
Move focus to next comment or form field	Tab
Move focus to previous comment or form field	Shift + Tab
Open pop-up note (or text field in Comments List) for comment that has focus	Enter
Close pop-up (or text field in Comments List) for comment that has focus	Esc

Keys for Navigating a PDF Document

Action	Single-key Accelerator
Previous screen	Page Up
Next screen	Page Down
First page	Home
Last page	End

Previous page	Left Arrow or Ctrl + Page Up
Next page	Right Arrow or Ctrl + Page Down
Scroll up	Up Arrow
Scroll down	Down Arrow
Scroll (when Hand command is selected)	Spacebar
Zoom in	Ctrl+ Equal Sign
Zoom out	Ctrl + Hyphen

Keys for Working with Forms

Action	Single-key Accelerator
Highlight fields	Shift + L

Keys for Working with PDF Portfolios

Action	Single-key Accelerator
Move focus to the next or previous row when in the body of the file list on the left	Up Arrow or Down Arrow
If pressed in the body of the file list, navigate one level up from within a folder	Backspace
If pressed when focus is on a row in the file list representing a subfolder, navigate to a subfolder, or open an attachment.	Enter
If in the body of the file list, move to the first or last row	Home or End
If in the body of the file list, move to the next or last set of rows to fit the screen	Page Down or Page Up
Select or deselect all files	Ctrl + A or Shift + Ctrl + A
If in the body of the file list, extend the selection by adding the next row above or below the selected row	Shift + Up Arrow or Shift + Down Arrow
Change whether the row with focus is in the selection	Ctrl + Spacebar
Move focus up or down one row without changing the selection	Ctrl + Up Arrow or Ctrl + Down Arrow

Keys for Navigating Task Panes

Action	Single-key Accelerator
Navigate to the next item in the panel	Tab
Open or close the Task pane	Shift + F4

Keys for General Navigating

Action	Single-key Accelerator
Move focus to Ribbon	F10
Move to next open document tab (when multiple documents are open in same window)	Ctrl + Tab
Move to previous open document tab (when multiple documents are open in same window)	Ctrl + Shift + Tab
Close current document	Ctrl + F4
Close all open documents	Ctrl + Shift + W
Move focus to document pane	F5
Move focus to next comment, link, or form field in the document pane	Tab
Move focus to previous comment, link, or form field in the document pane	Shift + Tab
Activate selected tool, item (such as a movie clip or bookmark), or command	Spacebar or Enter
Open context menu	Shift + F10
Close context menu	F10
Return to Hand command or Select command	Esc
Move focus to next tab in a tabbed dialog box	Ctrl + Tab
Move to previous search result and highlight it in the document	Shift + F3
Move to next search result and highlight it in the document	F3
Search previous document (with Search results displaying multiple files)	Alt + Shift + Left Arrow

Search next document (with Search results displaying multiple files)	Alt + Shift + Right Arrow
Select text (with Select command selected)	Shift + Arrow Keys
Select next word or deselect previous word (with Select command selected)	Shift + Ctrl + Right Arrow or Left Arrow

Keys for Working with Navigation Panels

Action	Single-key Accelerator
Open and move focus to navigation pane	Ctrl + Shift + F5
Move focus among the document, status bar and navigation panels	F6
Move focus to previous pane or panel	Shift + F6
Move among the elements of the active navigation panel	Tab
Move to previous or next navigation panel and make it active (when focus is on the panel button)	Up Arrow or Down Arrow
Move to next navigation panel and make it active (when focus is anywhere in the navigation pane)	Ctrl + Tab
Expand the current bookmark (focus on Bookmarks panel)	Right Arrow, or * (keypad), or Plus Sign (keypad)
Collapse the current bookmark (focus on Bookmarks panel)	Left Arrow, or Minus Sign (keypad)
Expand all bookmarks	Shift + *
Collapse selected bookmark	Forward Slash (/)
Collapse all bookmarks	Shift + Forward Slash (/) (keypad)
Move focus to next item in a navigation panel	Down Arrow
Move focus to previous item in a navigation panel	Up Arrow

Keys for Navigating the Help Window

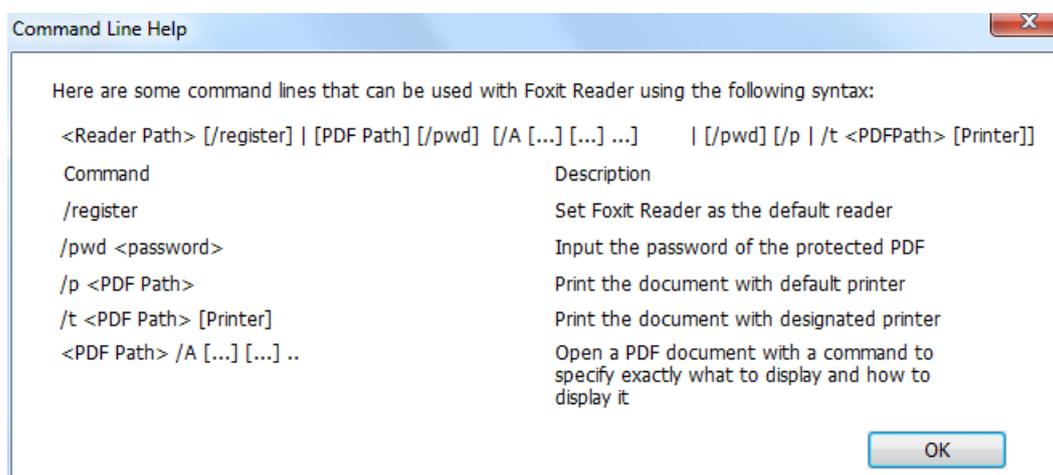
Action	Single-key Accelerator
Open Help window	F1

Keys for Accessibility

Action	Single-key Accelerator
Reflow a tagged PDF, and return to unreflowed view	Ctrl + 4
Activate and deactivate Read Out Loud	Shift + Ctrl + Y
Read only the current page out loud	Shift + Ctrl + V
Read out loud from the current page to the end of the document	Shift + Ctrl + B
Pause reading out loud	Shift + Ctrl + P
Stop reading out loud	Shift + Ctrl + E

Command Lines

Foxit Reader defines parameters that allow you to perform operations on a PDF with a command. To check the command lines that can be used in Foxit Reader, please go to **Help > Command Line Help**.



Command	Result
nameddest=destination	Jump to a named destination.
page=pagenum	Turn to the target page.
zoom=scale	Zoom the PDFs.
pagemode=bookmarks	Open the bookmark panel in the Navigation Pane.
pagemode=thumbs	Open the thumbnail panel in the Navigation Pane.

pagemode=layers	Open the layers panel in the Navigation Pane.
pagemode=none (default)	Close all the panels in the Navigation pane.
fdf="fdf path"	Open the FDF file.
toolbar=1 0	Show or Hide Tool Bar.
statusbar=1 0	Show or Hide Status Bar.
navpanes=1 0	Show or Hide Navigation Pane.
reverse=1/0	View pages in reverse or forward order.

Contact Us

Feel free to contact us should you need any information or have any problems with our products. We are always here, ready to serve you better.

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