

# Foxit® PhantomPDF™ Plug-In SDK



## Extend and Customize Foxit PhantomPDF and Reader

The Foxit PhantomPDF™ Plug-in SDK turns the Foxit PhantomPDF and Reader products into a platform to deliver additional capabilities into PDF. The Plug-in SDK is geared for enterprises that are looking to create custom extensions to their ability to read, create, edit, and design PDF documents and forms. It is also an excellent platform for application developers who are looking to tightly integrate their solutions into PDF environments.

## Customize the User Interface, Manipulate PDF Documents, or Add Custom Data

The PhantomPDF Plug-in SDK allows developers to provide new menu items and tool bar buttons to the existing user interface without modifying the PhantomPDF or Reader products. Custom actions can be programmed for specific user interface commands. In addition, developers can manipulate PDF documents such as open a PDF document in an external dialog, dynamically add and remove pages from an existing PDF document, edit all of the elements contained in a PDF document, and set up security policies to control user permissions for PDF documents.

Since PDF is an extensible format, the Plug-in SDK enables users to add custom data to the PDF file to support their specific workflows and business needs. For example, data on who has viewed the document, help information to fill out specific fields in a form, engineering costs, or other data not defined in the PDF specification can be added.

The PhantomPDF Plug-in SDK is a solution for extending the functionality of Foxit Reader and Foxit PhantomPDF. Based on Foxit Reader 5.0 and Foxit PhantomPDF 5.0, C++ developers can develop plug-ins as requested, enable it by adding a corresponding certificate which contains permission information, and place it in the designed folder to make it load correctly. Share the resource of Foxit Reader and Foxit PhantomPDF via its Core API and let the plug-in dynamically link to the Reader or PhantomPDF without modification to either application, making customization easy.

**Highlighted features of the Foxit PhantomPDF Plug-In SDK include:**

Easy to customize Foxit Reader and Foxit PhantomPDF	<ul style="list-style-type: none"> <li>• Customize Foxit Reader or Foxit PhantomPDF easily by developing plug-in without modifying the host application.</li> </ul>
PDF Security Settings	<ul style="list-style-type: none"> <li>• Protect any PDF documents using encryption technology to control access.</li> <li>• Integrate security handler to Foxit Reader or Foxit Phantom, such as DRM.</li> </ul>
Custom UI	<ul style="list-style-type: none"> <li>• Customize UI by adding new menu items or toolbars.</li> <li>• Set custom action for the new UI element.</li> </ul>
Editing	<ul style="list-style-type: none"> <li>• Add editing features, including document editing, page content editing, document properties editing.</li> </ul>
Optimized Rendering	<ul style="list-style-type: none"> <li>• Supports progressive rendering.</li> <li>• Significantly reduces the response time from the user interface events.</li> </ul>
Extracting Content	<ul style="list-style-type: none"> <li>• Gets the text and image information from the PDF file for the special use, such as reading out.</li> </ul>
Managing Interactive form	<ul style="list-style-type: none"> <li>• Manipulate the interactive form data, including viewing, editing.</li> </ul>
Managing Annotations	<ul style="list-style-type: none"> <li>• Manipulate the annotation data, including viewing, editing.</li> </ul>
Licensing Scheme	<ul style="list-style-type: none"> <li>• Integrated development permission information to certificate.</li> <li>• Prevent illegal access to Foxit Reader or Foxit PhantomPDF.</li> </ul>
Quick response for technical support	<ul style="list-style-type: none"> <li>• Provide quick and professional response to the technical questions.</li> </ul>

**System Requirements**

Platform	Operating System	Compiler
Windows (32-bit)	Windows 2000/XP or later	Microsoft Visual Studio 6.0 or later

The developed plug-in can be loaded to Foxit Reader 5.0 or later and Foxit PhantomPDF 5.0 or later

To learn more about Foxit PhantomPDF Plug-in SDK, please contact Foxit at: [www.foxitsoftware.com](http://www.foxitsoftware.com)

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