

Adobe Acrobat DC SDK Release Notes

Edition 1.0

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This file contains important information. Review this information before using this version of the Adobe® Acrobat® SDK.

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About this Release

This is Acrobat DC SDK January 2016 release for Windows and Mac OS.

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What's New

The *What's New* topic in the **Introduction to SDK > Overview** topic of the [Acrobat DC SDK Help](#) contains details on the new and changed features in this release.

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Changes for Existing Plug-ins

- **(Mac OS X only)** In earlier releases, Acrobat was a 32-bit only software. Now, Acrobat DC is a 64-bit only software. After installing Acrobat DC on Mac OS X, all existing plug-ins will stop working. To make your plug-ins work on Mac OS X, recompile and rebuild your plug-ins for Acrobat DC.
- **(Microsoft Windows only)** All the samples are ported from Microsoft Visual Studio 2010 to Microsoft Visual Studio 2013. Now, you require Microsoft Visual Studio 2013 to build the samples.
- **(Mac OS X only)** All the samples are ported to Xcode 5.1.1. Now, you require Xcode 5.1.1 to run the samples.

Document Cloud Product Tracks

The Acrobat DC product family introduces two tracks for both Acrobat and Reader which are essentially different products:

- The Continuous track provides service-based tools as well as new features, security and platform enhancements, and bug fixes as part of frequent (and most often) silent updates. Over time, the Continuous track's update cadence will be more frequent than the Classic track. Classic license program customers do not have access to this track for Acrobat.
- The Classic track is similar to the 10.x-11.x model and does not provide new features in updates. Free services are available, but optional. Like previous releases, a quarterly update cadence delivers security and platform enhancements as well as bug fixes.

The default path of Acrobat depends on the selected track. After you build a plug-in, place the plug-in into the following directory and restart the Acrobat:

- **(Windows)** \Program Files\Adobe\<TRACK NAME>\Acrobat\plug_ins
- **(Mac OS X)**
 - **(Plug-in installed for a single user)** ~/Library/Application Support/Adobe/Acrobat/<TRACK NAME>/Plug-ins
 - **(Plug-in installed for all the user)** /Library/Application Support/Adobe/Acrobat/<TRACK NAME>/Plug-ins

Note: *Acrobat must be restarted for the plug-in to be recognized.*

For detailed information about the tracks and corresponding installation paths see, [Document Cloud Product Tracks](#) document.

End of support for Carbon-based APIs

Adobe Acrobat DC SDK no longer supports Carbon-based APIs for Apple Mac OS. Plug-ins using the Carbon-based APIs no longer function correctly. If you have existing plug-ins using Carbon-based APIs, rebuild the plug-ins using the latest Acrobat DC public headers and Cocoa-based APIs

Enable plug-ins for Adobe Reader running on Microsoft Windows

On Microsoft Windows, to enable your plug-in for Adobe Reader, remove the `acrocolorHFT` define and add the `READER_PLUGIN` define to the `AcroDspOptions.rsp` file. Perform the following steps to define the `READER_PLUGIN` symbol in a Win32 project in Visual Studio C++:

1. Locate the `AcroDspOptions.rsp` file in the SDK's `/PluginSupport/Samples` directory.
2. Open `AcroDspOptions.rsp` in a text editor.
3. Remove the `AcroColorHFT` define by removing the following line from the file: `/D PI_ACROCOLOR_VERSION=0x00060000`.

Note: *This HFT is not available in Acrobat Reader install but is available in the Acrobat install. You must revert the HFT for the Acrobat plugins.*

4. Add the `READER_PLUGIN` define by adding the following to the file: `/D READER_PLUGIN`.

5. Save and close the AcroDspOptions.rsp file.
6. Open and rebuild your Visual C++ plug-in project.

Note: *The change affects all SDK plug-ins built after the change is made.*

Enable plug-ins for Adobe Reader running on Apple Mac OS X

Perform the following steps to enable plug-ins for Adobe Reader running on Apple Mac OS X:

1. Add the `READER_PLUGIN` symbol to the Xcode project-level build settings. To add the `READER_PLUGIN` symbol, in the Project Navigator, select the plug-in, open the Build tab, in the GCC Preprocessing settings, add `READER_PLUGIN=1` to the Preprocessor Macros settings.
2. Build the project and certify it using SignPlugin.
3. Copy the plug-in to the `/Library/Application Support/Adobe/Reader/<TRACK NAME>/Plug-ins` directory.

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Known issues

- **Acrobat Plug-in Modeless Dialog Box Does Not Receive Focus**

If you have created an Acrobat or Reader plug-in that pops open a dialog box with which your users will interact, the dialog box may not receive focus and may require a double click to get focus. You can work around this issue by modifying the plug-in code with an appropriate call to `AVAppBeginModal` before the dialog box pops up. Then call `AVAppEndModal` immediately thereafter.

- **Snippet runner samples crashes intermittently**

The snippet runner sample crashes intermittently while executing the `ASFileSysGetNameFromPathAsASText` API. The sample is available in the `PluginSupport\Samples\SnippetRunner\Sources\snippets\Shared` directory.

- **API to icon from a PDF document requires mediabox to have an origin at (0,0) co-ordinates**

For the API, `AVIconCreateFromPDF`, to create a document icon from a PDF document the mediabox of the input PDF document must have an origin at (0,0) co-ordinates.

- **Call to the `template.spawn` JavaScript API closes Adobe Acrobat**

Acrobat uses the `template.spawn` JavaScript call to copy content of a template to a new page in a PDF Document. A call to the `template.spawn` JavaScript API results in closure of Adobe Acrobat.

Documentation

The Acrobat DC SDK help is at <http://www.adobe.com/devnet/acrobat/documentation.html>. To view the documentation, you must have an Internet browser and Adobe Reader® installed on your computer.

Acrobat and PDF Library API Reference: PDWordFinderAcquireWordList sort

The description of the function `PDWordFinderAcquireWordList` contains an over-simplification of the sorted results returned through the parameter `xySortTable`. That is, this description fails to mention how reading order affects sort order. When the functions `PDDocCreateWordFinder` or `PDDocCreateWordFinderUCS` are called with the `WXE_XY_SORT` flag set, these functions return an array of PDWords, sorted in x-y order.

The API determines sort order by splitting the input PDF text content into multiple regions (which are basically vertical bounded areas in the input PDF text content) based on the text-blocks present and then determining the sort order within those regions. The order in which the different regions will actually be processed in the reading order depends on the kind of script being used because that determines whether to read from right to left (for example Arabic) or from top to bottom or any other order.

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