

Foxit PDF SDK for Python API 9.0 Upgrade

Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK for Python API 9.0 from previous version should pay attention to. Changes to code may be required in order for your projects to compile using the new version.

Upgrading to version 9.0 from version 8.4.2

If you are upgrading from version 8.4.2 to version 9.0, please take note of the changes that occurred between version 8.4.2 and version 9.0.

- For HTML to PDF module, the HTML to PDF engine has been upgraded, please contact Foxit support team or sales team to get the latest engine files package.
- For Compliance module, the compliance resource files for **Linux** have been updated, please contact Foxit support team or sales team to get the latest resource files package.
- For OCR module, the OCR engine for Windows has been upgraded, please contact Foxit support team or sales team to get the latest engine files package.
- The version of clang used for building and compiling the Foxit PDF SDK for Mac (x64) has been upgraded from 9.1.0 to 11.0.3.
- In **ActionCallback** class:
 1. add four new callback functions as below:

```
def Query (keywords, search_scope, search_option, di_path)
def AddSearchIndex (di_path, is_selected)
def RemoveSearchIndex (search_index_config)
def GetSignatureAPStyleNameList ()
```

2. the function **SelectPageNthWord** has been changed as below:

SDK 8.4.2:

```
def SelectPageNthWord (page_index, word_index, is_show_selection)
```

SDK 9.0:

```
def SelectPageNthWord (page_index, start_offset, end_offset, is_show_selection)
```

Upgrading to version 8.4.2 from version 8.4.1

There is only one minor upgrade warning in this release when moving from version 8.4.1 to version 8.4.2:

- For OCR module, the OCR engine has been upgraded, please contact Foxit support team or sales team to get the latest engine files package.

Upgrading to version 8.4.1 from version 8.4

There is only one minor upgrade warning in this release when moving from version 8.4 to version 8.4.1:

- For HTML to PDF module, the HTML to PDF engine has been upgraded, please contact Foxit support team or sales team to get the latest engine files package.

Upgrading to version 8.4 from version 8.3

If you are upgrading from version 8.3 to version 8.4, please take note of the changes that occurred between version 8.3 and version 8.4.

- GCC compiler update on Linux

Starting from version 8.4 Foxit PDF SDK for Linux (x86 and x64), the minimum supported version of GCC compiler has been upgraded from gcc4.8 to gcc4.9.4. For the SDK to work properly, make sure your current GCC version is 4.9.4 or higher, or the libstdc++.so.6 is 6.0.20 or higher.

- For OCR module, the OCR engine has been upgraded, please contact Foxit support team or sales team to get the latest engine files package.

- In **ActionCallback** class:

1. Add thirty-one new callback functions as below:

```
def SetCurrentPage (document, destination)
def CloseDoc (document, is_prompt_to_save)
def IsLocalFile (document)
def GetAttachmentsFilePath (pdf_doc, name)
def GetExtractedEmbeddedFilePath (pdf_doc, name)
def Print (document, print_params)
def GetUntitledBookmarkName ()
def GetPrinterNameList ()
def AddToolButton (button_item)
```

```

def RemoveToolButton (button_name)
def GetMenuItemNameList ()
def AddMenuItem (menu_item_config, is_prepend)
def AddSubMenu (menu_item_config)
def ShowDialog (dlg_config)
def GetFullScreen ()
def SetFullScreen (is_full_screen)
def OnFieldValueChanged (field_name, type, value_before_changed, value_after_changed)
def UpdateLogicalLabel ()
def MailDoc (document, to_address, cc_address, bcc_address, subject, message, is_ui)
def GetTemporaryFileName (document, file_suffix_name)
def OpenMediaPlayer (player_args)
def GetTemporaryDirectory ()
def Scroll (point)
def SelectPageNthWord (page_index, word_index, is_show_selection)
def GetMousePosition ()
def GetPageWindowRect ()
def GetLayoutMode ()
def SetLayoutMode (layout_mode, is_cover_mode)
def GetPageScale()
def SetPageScale (zoom_mode, dest)
def GetPageZoomMode()

```

- In **PDFPage** class:

1. The function **Transform** has added a new parameter as below:

SDK 8.3:

```
def Transform (matrix, need_transform_clip_path)
```

SDK 8.4:

```
def Transform (matrix, need_transform_clip_path, need_transform_annotations)
```

- Remove PagingSeal class.