

Foxit PDF SDK 11.0 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK 11.0 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 11.0 from version 10.1

If you are upgrading from version 10.1 to version 11.0, please take note of the changes that occurred between version 10.1 and version 11.0.

- For Foxit PDF SDK for Linux (x86 and x64), the minimum supported version of GCC compiler has been upgraded from gcc4.9.4 to gcc5.4.
- The multi-thread-safe API `static void foxit::common::Library::EnableThreadSafety(bool is_enable_thread_safety)` is being gradually deprecated. Foxit PDF SDK will further enhance support for document-level thread safety. This requires users to ensure that each document runs on only one thread.

Furthermore, given the particularities of XFA and JavaScript, Foxit PDF SDK has introduced the parameter `enable_js_xfa_threadsafety` in `static ErrorCode foxit::common::Library::Initialize(const char *sn, const char *key, bool is_optimize_memory, bool enable_js_xfa_threadsafety=false)`, allowing users to enable document-level thread safety for XFA and JavaScript.

- In `foxit::addon::tablegenerator::TableGeneratorCallback` class, add a new callback function as below:

```
virtual foxit::pdf::PageBasicInfo GetNewPageBasicInfo (int page_index, float rest_table_height, float table_width)=0;
```

- Some APIs have been changed in version 11.0. The following table lists the APIs mapping between version 10.1 and 11.0.

Class	SDK 10.1	SDK 11.0
foxit::pdf::PDFDoc	PagingSealSignature AddPagingSealSignature (const common::Range &page_range, float width, float height)	PagingSealSignature AddPagingSealSignature (const common::Range &page_range, float width, float height, bool to_check_permission=true)

Class	SDK 10.1	SDK 11.0
foxit::addon::ocr:: OCRConfig	OCRConfig (bool is_detect_pictures, bool is_remove_noise, bool is_correct_skew, bool is_enable_text_extraction_mode)	OCRConfig (bool is_detect_pictures, bool is_remove_noise, bool is_correct_skew, bool is_enable_text_extraction_mode, bool is_sequentially_process)
	void Set (bool is_detect_pictures, bool is_remove_noise, bool is_correct_skew, bool is_enable_text_extraction_mode)	void Set (bool is_detect_pictures, bool is_remove_noise, bool is_correct_skew, bool is_enable_text_extraction_mode, bool is_sequentially_process)
foxit::addon::xfa:: DocProviderCallback	virtual void SetFocus (XFAWidget &xfa_widget)=0	virtual void SetFocus (XFAWidget &xfa_widget, bool is_relayout)=0
foxit::common::Library	static ErrorCode Initialize (const char *sn, const char *key, bool is_optimize_memory)	static ErrorCode Initialize (const char *sn, const char *key, bool is_optimize_memory, bool enable_js_xfa_threadsafety=false)
foxit::addon::conversion:: HTML2PDFSettingData	HTML2PDFSettingData (float page_width, float page_height, bool is_to_page_scale, RectF page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag, HTML2PDFPageMode page_mode, bool to_generate_bookmarks, HTML2PDFScalingMode scaling_mode, HTML2PDFEncodingFormat encoding_format, bool to_render_images, bool to_remove_underline_for_link, bool to_set_headerfooter, const wchar_t *headerfooter_title, const wchar_t *headerfooter_url, const wchar_t *bookmark_root_name, bool to_resize_objects, bool to_print_background, bool to_optimize_tag_tree, HTML2PDFMediaStyle media_style, bool to_load_active_content, bool to_disable_sandbox, bool to_use_blacklist)	HTML2PDFSettingData (float page_width, float page_height, bool is_to_page_scale, RectF page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag, HTML2PDFPageMode page_mode, bool to_generate_bookmarks, HTML2PDFScalingMode scaling_mode, HTML2PDFEncodingFormat encoding_format, bool to_render_images, bool to_remove_underline_for_link, bool to_set_headerfooter, const wchar_t *headerfooter_title, const wchar_t *headerfooter_url, const wchar_t *bookmark_root_name, bool to_resize_objects, bool to_print_background, bool to_optimize_tag_tree, HTML2PDFMediaStyle media_style, bool to_load_active_content, bool to_disable_sandbox, bool to_use_blacklist, bool to_hide_header, bool to_hide_footer, bool to_deny_local_file_access)
	void Set (float page_width, float page_height, bool is_to_page_scale, RectF page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag, HTML2PDFPageMode page_mode, bool to_generate_bookmarks, HTML2PDFScalingMode scaling_mode,	void Set (float page_width, float page_height, bool is_to_page_scale, RectF page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag, HTML2PDFPageMode page_mode, bool to_generate_bookmarks, HTML2PDFScalingMode scaling_mode,

Class	SDK 10.1	SDK 11.0
	HTML2PDFEncodingFormat encoding_format, bool to_render_images, bool to_remove_underline_for_link, bool to_set_headerfooter, const wchar_t *headerfooter_title, const wchar_t *headerfooter_url, const wchar_t *bookmark_root_name, bool to_resize_objects, bool to_print_background, bool to_optimize_tag_tree, HTML2PDFMediaStyle media_style, bool to_load_active_content, bool to_disable_sandbox, bool to_use_blacklist)	HTML2PDFEncodingFormat encoding_format, bool to_render_images, bool to_remove_underline_for_link, bool to_set_headerfooter, const wchar_t *headerfooter_title, const wchar_t *headerfooter_url, const wchar_t *bookmark_root_name, bool to_resize_objects, bool to_print_background, bool to_optimize_tag_tree, HTML2PDFMediaStyle media_style, bool to_load_active_content, bool to_disable_sandbox, bool to_use_blacklist, bool to_hide_header, bool to_hide_footer, bool to_deny_local_file_access)

Upgrading to version 10.1 from version 10.0

If you are upgrading from version 10.0 to version 10.1, please take note of the changes that occurred between version 10.0 and version 10.1.

- In foxit::pdf::**TiledWatermarkSettings** class:
 - add a new attribute called **flags**. By default, the tiled watermark is no longer positioned at the top. To retain the original behavior, where the watermark appears at the top, you need to set the attribute **flags** to **TiledWatermarkSettings::e_FlagOnTop**.
 - the constructor function of **TiledWatermarkSettings** has added a new parameter as below:

SDK 10.0:

```
TiledWatermarkSettings (float row_space, float col_space, float rotation, int opacity, int scale)
```

SDK 10.1:

```
TiledWatermarkSettings (float row_space, float col_space, float rotation, int opacity, int scale, uint32 flags)
```

- the function **Set** has added a new parameter as below:

SDK 10.0:

```
void Set (float row_space, float col_space, float rotation, int opacity, int scale)
```

SDK 10.1:

```
void Set (float row_space, float col_space, float rotation, int opacity, int scale, uint32 flags)
```

- In the foxit::common namespace:

Before version 10.1, the [PostScriptDeviceSettingData](#) class was only applicable to the Linux platform. The [Renderer::Renderer\(const PostScriptDeviceSettingData & print_param, const wchar_t * dest_file_path\)](#) function was also only applicable to the Linux platform and only supported rendering to generate PostScript files.

From version 10.1, the [PostScriptDeviceSettingData](#) class has been renamed to **[PrintDeviceSettingData](#)**, and it is applicable to all platforms (Windows, Linux, and Mac). The [Renderer::Renderer\(const PostScriptDeviceSettingData & print_param, const wchar_t * dest_file_path\)](#) function has been changed to [Renderer::Renderer\(const **PrintDeviceSettingData** & print_param, const wchar_t * dest_file_path\)](#), and it is applicable to all platforms, supporting rendering to generate PostScript and PDF files. However, generating PostScript files is also only supported on the Linux platform.

- In foxit::pdf::graphics::ImageObject class, the [CloneBitmap\(const GraphicsObjects & graphics_objects\)](#) function has been deprecated and replaced with [CloneBitmap\(const PDFPage & page, const GraphicsObjects & graphics_objects\)](#).
- In foxit::addon::conversion::pdf2office::**PDF2OfficeSettingData** class:
 1. the property "[metrics_data_folder_path](#)" has been deprecated. Instead, metrics data will be included in the dynamic library of Foxit PDF Conversion SDK.
 2. the parameter "[metrics_data_folder_path](#)" in the constructor function of **PDF2OfficeSettingData** has been deprecated.
 3. the parameter "[metrics_data_folder_path](#)" in the function of **Set** has been deprecated.

Upgrading to version 10.0 from version 9.2

If you are upgrading from version 9.2 to version 10.0, please take note of the changes that occurred between version 9.2 and version 10.0.

- For Compliance module, the compliance resource files have been updated, please contact Foxit support team or sales team to get the latest resource files package.

Only the latest engine can be used with version 10.0, using the older engine will cause errors. Version 9.2 is not compatible with the latest engine, it will throw errors in multi-threading situations.

- If you are using an older version of Windows (for example, Windows 7 and Windows Server 2008), you may need to visit this link <https://support.microsoft.com/en-us/help/4019990/update-for-the-d3dcompiler-47-dll-component-on-windows> to download and install the "D3DCOMPILER_47.dll". If you do not do this, you may encounter errors.
- In foxit::addon::conversion::pdf2office::**PDF2WordSettingData** class:

1. add two new properties as below:

```
bool enable_generate_headers_and_footers;  
bool enable_generate_footnotes_and_endnotes;
```

2. the constructor function of **PDF2WordSettingData** has added two new parameters as below:

SDK 9.2:

```
PDF2WordSettingData(bool enable_retain_page_layout)
```

SDK 10.0:

```
PDF2WordSettingData(bool enable_retain_page_layout, bool  
enable_generate_headers_and_footers, bool  
enable_generate_footnotes_and_endnotes)
```

3. the function **Set** has added two new parameters as below:

SDK 9.2:

```
void Set(bool enable_retain_page_layout)
```

SDK 10.0:

```
void Set(bool enable_retain_page_layout, bool enable_generate_headers_and_footers,  
bool enable_generate_footnotes_and_endnotes)
```

- In foxit::addon::conversion::pdf2office::**PDF2OfficeSettingData** class:

1. add two new properties as below:

```
PDF2PowerPointSettingData power_point_setting_data;  
PDF2ExcelSettingData excel_setting_data;
```

- the constructor function of **PDF2OfficeSettingData** has added two new parameters as below:

SDK 9.2:

```
PDF2OfficeSettingData(const wchar_t* metrics_data_folder_path, bool  
enable_ml_recognition, const common::Range& page_range, bool include_pdf_comments,  
const PDF2WordSettingData& word_setting_data)
```

SDK 10.0:

```
PDF2OfficeSettingData(const wchar_t* metrics_data_folder_path, bool  
enable_ml_recognition, const common::Range& page_range, bool include_pdf_comments,  
const PDF2WordSettingData& word_setting_data, const PDF2PowerPointSettingData&  
power_point_setting_data, const PDF2ExcelSettingData& excel_setting_data)
```

- the function **Set** has added two new parameters as below:

SDK 9.2:

```
void Set(const wchar_t* metrics_data_folder_path, bool enable_ml_recognition, const  
common::Range& page_range, bool include_pdf_comments, const  
PDF2WordSettingData& word_setting_data)
```

SDK 10.0:

```
void Set(const wchar_t* metrics_data_folder_path, bool enable_ml_recognition, const  
common::Range& page_range, bool include_pdf_comments, const  
PDF2WordSettingData& word_setting_data, const PDF2PowerPointSettingData&  
power_point_setting_data, const PDF2ExcelSettingData& excel_setting_data)
```

Upgrading to version 9.2 from version 9.1

If you are upgrading from version 9.1 to version 9.2, please take note of the changes that occurred between version 9.1 and version 9.2.

- For OCR module, the OCR engine for Linux x64 has been upgraded, please contact Foxit support team or sales team to get the latest engine files package.
- From 9.1 version, for **Linux**, you may need to add "**setlocale(LC_ALL, "");**" to ensure that the various localized characters and formats can be worked correctly.
- For PDF to Office module, the version of the PDF to Office resource files package naming Foxit PDF Conversion SDK (C++) should be 1.5 or higher.
- In foxit::addon::conversion::pdf2office::**PDF2OfficeSettingData** class:

1. add three new attributes as below:

```
Range page_range;  
bool include_pdf_comments;  
PDF2WordSettingData word_setting_data;
```

2. the constructor function of **PDF2OfficeSettingData** has added three new parameters as below:

SDK 9.1:

```
PDF2OfficeSettingData(const wchar_t* metrics_data_folder_path, bool  
enable_ml_recognition)
```

SDK 9.2:

```
PDF2OfficeSettingData(const wchar_t* metrics_data_folder_path, bool  
enable_ml_recognition, const common::Range& page_range, bool  
include_pdf_comments, const PDF2WordSettingData& word_setting_data)
```

3. the function **Set** has added three new parameters as below:

SDK 9.1:

```
void Set(const wchar_t* metrics_data_folder_path, bool enable_ml_recognition)
```

SDK 9.2:

```
void Set(const wchar_t* metrics_data_folder_path, bool enable_ml_recognition, const  
common::Range& page_range, bool include_pdf_comments, const  
PDF2WordSettingData& word_setting_data)
```

- In foxit::ActionCallback class, add five new callback functions as below:

```
virtual void EnablePageLoop(bool is_loop) = 0;  
virtual bool IsPageLoop() = 0;  
virtual void SetDefaultPageTransitionMode (const wchar_t* trans_type, const wchar_t *  
trans_di) = 0;  
virtual bool IsCurrentDocOpenedInBrowser() = 0;  
virtual void PostMessageToHtml(WStringArray message) = 0;
```

Upgrading to version 9.1 from version 9.0

If you are upgrading from version 9.0 to version 9.1, please take note of the changes that occurred between version 9.0 and version 9.1.

- For Compliance module, the compliance resource files have been updated, please contact Foxit support team or sales team to get the latest resource files package.
- In foxit::ActionCallback class:
 1. add a new callback function as below:

```
virtual SOAPResponseInfo SoapRequest(const SOAPRequestProperties& request_params)
= 0;
```

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

SDK 9.0:

```
virtual bool OpenDoc(const WString& file_path, const WString& password) = 0;
```

SDK 9.1:

```
virtual pdf::PDFDoc OpenDoc(const WString& file_path, const WString& password) = 0;
```

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 foxit::ActionCallback class:
 1. add four new callback functions as below:

```
virtual void Query (const wchar_t *keywords, SearchScope search_scope, const
SearchOption &search_option, const wchar_t *di_path) =0;
virtual SearchIndexConfig AddSearchIndex (const wchar_t *di_path, bool is_selected) =0;
virtual bool RemoveSearchIndex (const SearchIndexConfig &search_index_config) =0;
```



```
virtual WStringArray GetSignatureAPStyleNameList () =0;
```

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

SDK 8.4.2:

```
virtual void SelectPageNthWord (int page_index, int word_index, bool is_show_selection)
=0;
```

SDK 9.0:

```
virtual void SelectPageNthWord (int page_index, int start_offset, int end_offset, bool
is_show_selection) =0;
```

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 are two minor upgrade warnings 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.
- The namespace of table generator related classes has been changed from **foxit::addon** to **foxit::addon::tablegenerator**. The classes are listed as follows:
 - TableBorderInfo
 - TableCellData
 - TableCellDataArray
 - TableCellDataColArray
 - TableCellIndexArray
 - TableData
 - TableGenerator

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 foxit::ActionCallback class:

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

```
virtual void SetCurrentPage(const pdf::PDFDoc& document, const
foxit::pdf::Destination& destination) = 0;
virtual void CloseDoc(const pdf::PDFDoc& document, bool is_prompt_to_save) = 0;
virtual bool IsLocalFile(const pdf::PDFDoc& document) = 0;
virtual WString GetAttachmentsFilePath(const pdf::PDFDoc& pdf_doc, const wchar_t*
name) = 0;
virtual WString GetExtractedEmbeddedFilePath(const pdf::PDFDoc& pdf_doc, const
wchar_t* name) = 0;
virtual bool Print(const pdf::PDFDoc& document, const PrintParams& print_params) = 0;
virtual WString GetUntitledBookmarkName() = 0;
virtual WStringArray GetPrinterNameList() = 0;
virtual bool AddToolButton(const ButtonItem& button_item) = 0;
virtual bool RemoveToolButton(const wchar_t* button_name) = 0;
virtual MenuListArray GetMenuItemNameList() = 0;
virtual bool AddMenuItem(const MenuItemConfig& menu_item_config, bool is_prepend) =
0;
virtual bool AddSubMenu(const MenuItemConfig& menu_item_config) = 0;
virtual bool ShowDialog(const DialogDescriptionConfig& dlg_config) = 0;
virtual bool GetFullScreen() = 0;
virtual void SetFullScreen(bool is_full_screen) = 0;
virtual void OnFieldValueChanged(const wchar_t* field_name, JSFieldValueChangeType
type, const WStringArray &value_before_changed, const WStringArray
&value_after_changed) = 0;
virtual void UpdateLogicalLabel() = 0;
virtual JsMailResult MailDoc(const pdf::PDFDoc& document,
const wchar_t* to_address, const wchar_t* cc_address, const wchar_t* bcc_address,
const wchar_t* subject, const wchar_t* message, bool is_ui) = 0;
virtual WString GetTemporaryFileName(const pdf::PDFDoc& document, const wchar_t*
file_suffix_name) = 0;
virtual MediaPlayerCallback* OpenMediaPlayer(const PlayerArgs& player_args) = 0
```

```
virtual WString GetTemporaryDirectory() = 0;
virtual void Scroll(const PointF& point) = 0;
virtual void SelectPageNthWord(int page_index, int word_index, bool is_show_selection) = 0;
virtual PointF GetMousePosition() = 0;
virtual RectF GetPageWindowRect() = 0;
virtual LayoutMode GetLayoutMode() = 0;
virtual void SetLayoutMode(LayoutMode layout_mode, bool is_cover_mode) = 0;
virtual float GetPageScale() = 0;
virtual void SetPageScale(foxit::pdf::Destination::ZoomMode zoom_mode, const foxit::pdf::Destination& dest) = 0;
virtual foxit::pdf::Destination::ZoomMode GetPageZoomMode() = 0;
```

- In foxit::pdf::**PDFPage** class:
 1. The function **Transform** has added a new parameter as below:

SDK 8.3:

```
bool Transform(const Matrix& matrix, bool need_transform_clip_path)
```

SDK 8.4:

```
bool Transform(const Matrix& matrix, bool need_transform_clip_path, bool
need_transform_annotations = false)
```

- In foxit::pdf::annots namespace:
 1. Remove PagingSeal class.

Upgrading to version 8.3 from version 8.2

If you are upgrading from version 8.2 to version 8.3, please take note of the changes that occurred between version 8.2 and version 8.3.

- 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.
- In foxit::pdf::annots::**FreeText** class, the following two functions have been deprecated:

```
common::Alignment GetAlignment () const
void SetAlignment (common::Alignment alignment)
```

- In foxit::**ActionCallback** class:

1. the function **PopupMenu** has added a new parameter as below:

SDK 8.2:

```
virtual WString PopupMenu (const MenuListArray &menus)=0;
```

SDK 8.3:

```
virtual WString PopupMenu (const MenuListArray &menus, bool &is_selected_item)=0
```

2. the function **SubmitForm** has added a new parameter as below:

SDK 8.2:

```
virtual bool SubmitForm (const pdf::PDFDoc &document, void *form_data, uint32 length,  
const char *url)=0;
```

SDK 8.3:

```
virtual bool SubmitForm (const pdf::PDFDoc &document, void *form_data, uint32 length,  
const char *url, common::FileFormatType file_format_type)=0;
```

3. add a new callback function as below:

```
virtual MenuItemEx PopupMenuEx (const MenuItemExArray &menus, bool  
&is_selected_item)=0;
```

- In foxit::addon::conversion::**HTML2PDFSettingData** class:

1. the constructor function of **HTML2PDFSettingData** has added new parameters as below:

SDK 8.2:

```
HTML2PDFSettingData (float page_width, float page_height, bool is_to_page_scale, RectF  
page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool  
is_generate_tag, HTML2PDFPageMode page_mode, bool to_generate_bookmarks,  
HTML2PDFScalingMode scaling_mode)
```

SDK 8.3:

```
HTML2PDFSettingData (float page_width, float page_height, bool is_to_page_scale, RectF  
page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool  
is_generate_tag, HTML2PDFPageMode page_mode, bool to_generate_bookmarks,  
HTML2PDFScalingMode scaling_mode, HTML2PDFEncodingFormat encoding_format,  
bool to_render_images, bool to_remove_underline_for_link, bool  
to_set_headerfooter, const wchar_t * headerfooter_title, const wchar_t *
```

```
headerfooter_url, const wchar_t * bookmark_root_name, bool to_resize_objects, bool
to_print_background, bool to_optimize_tag_tree, HTML2PDFMediaStyle media_style)
```

2. the function **Set** has added new parameters as below:

SDK 8.2:

```
void Set (float page_width, float page_height, bool is_to_page_scale, RectF page_margin,
bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag,
HTML2PDFPageMode page_mode, bool to_generate_bookmarks, HTML2PDFScalingMode
scaling_mode)
```

SDK 8.3:

```
void Set (float page_width, float page_height, bool is_to_page_scale, RectF page_margin,
bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag,
HTML2PDFPageMode page_mode, bool to_generate_bookmarks, HTML2PDFScalingMode
scaling_mode, HTML2PDFEncodingFormat encoding_format, bool to_render_images,
bool to_remove_underline_for_link, bool to_set_headerfooter, const wchar_t *
headerfooter_title, const wchar_t * headerfooter_url, const wchar_t *
bookmark_root_name, bool to_resize_objects, bool to_print_background, bool
to_optimize_tag_tree, HTML2PDFMediaStyle media_style)
```

Upgrading to version 8.2 from version 8.1

If you are upgrading from version 8.1 to version 8.2, please take note of the changes that occurred between version 8.1 and version 8.2.

- For Compliance module, the compliance resource files have been updated, please contact Foxit support team or sales team to get the latest resource files package.
- 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.
- From version 8.2, the output preview feature is not supported on the Linux ARM platform.
- In foxit::pdf::interform::**FillerAssistCallback** class, add a new callback function as below:

```
virtual void ReportInvalidValue (const wchar_t *form_field_name, const wchar_t
*invalid_value)=0
```

- In foxit::addon::conversion::**HTML2PDFSettingData** class:

1. the constructor function of **HTML2PDFSettingData** has added a new parameter as below:

SDK 8.1:

```
HTML2PDFSettingData (float page_width, float page_height, bool is_to_page_scale, RectF
page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool
is_generate_tag, HTML2PDFPageMode page_mode, bool to_generate_bookmarks)
```

SDK 8.2:

```
HTML2PDFSettingData (float page_width, float page_height, bool is_to_page_scale, RectF
page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool
is_generate_tag, HTML2PDFPageMode page_mode, bool to_generate_bookmarks,
HTML2PDFScalingMode scaling_mode)
```

2. the function **Set** has added a new parameter as below:

SDK 8.1:

```
void Set (float page_width, float page_height, bool is_to_page_scale, RectF page_margin,
bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag,
HTML2PDFPageMode page_mode, bool to_generate_bookmarks)
```

SDK 8.1:

```
void Set (float page_width, float page_height, bool is_to_page_scale, RectF page_margin,
bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag,
HTML2PDFPageMode page_mode, bool to_generate_bookmarks,
HTML2PDFScalingMode scaling_mode)
```

Upgrading to version 8.1 from version 8.0

If you are upgrading from version 8.0 to version 8.1, please take note of the changes that occurred between version 8.0 and version 8.1.

- In foxit::pdf::interform::**FillerAssistCallback** class, add seven callback functions as below:

```
virtual void * CreatePopupMenu () = 0;
virtual bool AppendPopupMenuitem (const void *h_popup_menu, PopupMenuitem
popup_menu_item, const wchar_t *default_string) = 0;
virtual bool EnablePopupMenuitem (const void *h_popup_menu, PopupMenuitem
popup_menu_item, bool is_enabled) = 0;
virtual bool ShowPopupMenu (const void *h_popup_menu, const PointF &point) = 0;
virtual void DestroyPopupMenu (const void *h_popup_menu) = 0;
```

```
virtual void SetClipboardText (const wchar_t *text) = 0;
virtual WString GetClipboardText () = 0;
```

- In foxit::IdentityProperties class:

1. add four attributes as below:

```
WString department;
WString first_name;
WString last_name;
WString title;
```

2. the constructor function of **IdentityProperties** has added four new parameters as below:

SDK 8.0:

```
IdentityProperties (const wchar_t *corporation, const wchar_t *email, const wchar_t
*login_name, const wchar_t *name)
```

SDK 8.1:

```
IdentityProperties (const wchar_t *corporation, const wchar_t *email, const wchar_t
*login_name, const wchar_t *name, const wchar_t *first_name, const wchar_t
*last_name, const wchar_t *title, const wchar_t *department)
```

3. the function **Set** has added four new parameters as below:

SDK 8.0:

```
void Set (const wchar_t *corporation, const wchar_t *email, const wchar_t *login_name,
const wchar_t *name)
```

SDK 8.1:

```
void Set (const wchar_t *corporation, const wchar_t *email, const wchar_t *login_name,
const wchar_t *name, const wchar_t *first_name, const wchar_t *last_name, const
wchar_t *title, const wchar_t *department)
```

- In foxit::ActionCallback class, add a new callback function as below:

```
virtual bool SetIdentityProperties (const IdentityProperties &identity_properties) = 0;
```

Upgrading to version 8.0 from version 7.6

There are two minor upgrade warnings in this release when moving from version 7.6 to version 8.0:

- In **foxit::addon::conversion::HTML2PDFSettingData** class, the constructor function of **HTML2PDFSettingData** has added a new parameter as below:

SDK 7.6:

```
HTML2PDFSettingData (float page_width, float page_height, bool is_to_page_scale, RectF
page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag,
HTML2PDFPageMode page_mode)
```

SDK 8.0:

```
HTML2PDFSettingData (float page_width, float page_height, bool is_to_page_scale, RectF
page_margin, bool is_convert_link, common::Rotation rotate_degrees, bool is_generate_tag,
HTML2PDFPageMode page_mode, bool to_generate_bookmarks)
```

- In **foxit::pdf::PDFPage** class, the function **AddSignature** has added a new parameter as below:

SDK 7.6:

```
foxit::pdf::Signature AddSignature (const foxit::RectF &rect, const foxit::WString &field_name,
foxit::pdf::Signature::SignatureType signature_type)
```

SDK 8.0:

```
foxit::pdf::Signature AddSignature (const foxit::RectF &rect, const foxit::WString &field_name,
foxit::pdf::Signature::SignatureType signature_type, bool to_check_permission=true)
```

Upgrading to version 7.6 from version 7.5

There are two minor upgrade warnings in this release when moving from version 7.5 to version 7.6:

- In **foxit::ActionCallback** class, add a new callback function as below:

```
virtual WString BrowseFile(bool is_open_dialog, const wchar_t* file_format, const wchar_t*
file_filter) = 0;
```

- In **foxit::pdf::LTVVerifier** class, remove the value (**e_VerifyModeETSI**) of the enumeration **LTVVerifier::VerifyMode**.

Upgrading to version 7.5 from version 7.4

There are two minor upgrade warnings in this release when moving from version 7.4 to version 7.5. In **foxit::pdf::HeaderFooter** class:

- The parameters of constructor function of **HeaderFooter** have been changed:

SDK 7.4:

```
HeaderFooter(const common::Font& font, float text_size, RGB text_color, const
PageNumberRange& page_range, RectF page_margin,
bool has_text_shrunked, bool has_fixedsize_for_print, int start_page_number,
const HeaderFooterContent& content)
```

SDK 7.5:

```
HeaderFooter(const common::Font& font, float text_size, RGB text_color, const
PageNumberRange& page_range, RectF page_margin,
bool has_text_shrunked, bool has_fixedsize_for_print, int start_page_number,
const HeaderFooterContent& content, bool is_to_embed_font, bool is_underline)
```

- The parameters of **Set** function have been changed:

SDK 7.4:

```
void Set(const common::Font& font, float text_size, RGB text_color, const PageNumberRange&
page_range, RectF page_margin,
bool has_text_shrunked, bool has_fixedsize_for_print, int start_page_number,
const HeaderFooterContent& content)
```

SDK 7.5:

```
void Set(const common::Font& font, float text_size, RGB text_color, const PageNumberRange&
page_range, RectF page_margin,
bool has_text_shrunked, bool has_fixedsize_for_print, int start_page_number,
const HeaderFooterContent& content, bool is_to_embed_font, bool is_underline)
```

Upgrading to version 7.4 from version 7.3

If you are upgrading from version 7.3 to version 7.4, please take note of the changes that occurred between version 7.3 and version 7.4.

- The value (**e_ImageCompressjpeg2**) of the enumeration **foxit::addon::optimization::MonolImageSettings::MonolImageCompressMode** has been renamed to **e_ImageCompressbig2**.
- In **foxit::pdf::annots::Markup** class:

The functions below have been removed from version 7.4:

```
int GetStateAnnotCount(StateModel model);
Note GetStateAnnot(StateModel model, int index);
```

And then add a new function as below:

```
NoteArray GetStateAnnots(StateModel model);
```

- In foxit::ActionCallback class, add three callback functions as below:

```
virtual pdf::PDFDoc GetCurrentDoc() = 0;
virtual pdf::PDFDoc CreateBlankDoc() = 0;
virtual bool OpenDoc(const WString& file_path, const WString& password) = 0;
```

- Some APIs have been changed in version 7.4. The following table lists the APIs mapping between version 7.3 and 7.4.

Class	SDK 7.3	SDK 7.4
foxit::addon::conversion::Word2PDFSettingData (only for Windows platform)	Word2PDFSettingData (bool include_doc_props, bool convert_to_pdfa , ConvertOptimizeOption optimize_option, ConvertContentOption content_option, ConvertBookmarkOption bookmark_option)	Word2PDFSettingData (bool include_doc_props, ConvertOptimizeOption optimize_option, ConvertContentOption content_option, ConvertBookmarkOption bookmark_option, bool convert_to_pdfa)
	void Set (bool include_doc_props, bool convert_to_pdfa , ConvertOptimizeOption optimize_option, ConvertContentOption content_option, ConvertBookmarkOption bookmark_option)	void Set (bool include_doc_props, ConvertOptimizeOption optimize_option, ConvertContentOption content_option, ConvertBookmarkOption bookmark_option, bool convert_to_pdfa)
foxit::addon::conversion::Excel2PDFSettingData (only for Windows platform)	Excel2PDFSettingData (bool include_doc_props, bool convert_to_pdfa , ConvertQuality quality, bool ignore_print_area, ScaleType scale_type)	Excel2PDFSettingData (bool include_doc_props, ConvertQuality quality, bool ignore_print_area, ScaleType scale_type, bool convert_to_pdfa)
	void Set (bool include_doc_props, bool convert_to_pdfa , ConvertQuality quality, bool ignore_print_area, ScaleType scale_type)	void Set (bool include_doc_props, ConvertQuality quality, bool ignore_print_area, ScaleType scale_type, bool convert_to_pdfa)
foxit::pdf::annots::Markup	Note AddStateAnnot (StateModel model, State state);	Note AddStateAnnot (const WString& title , StateModel model, State state);
foxit::pdf::TextSearch	explicit TextSearch (const PDFDoc& document, SearchCancelCallback* cancel = NULL);	explicit TextSearch (const PDFDoc& document, SearchCancelCallback* cancel = NULL, int flags = foxit::pdf::TextPage::e_ParseText Normal);

Class	SDK 7.3	SDK 7.4
foxit::pdf::annots::FreeText	void SetTextMatrix(const Matrix& text_matrix)	deprecated
	Matrix GetTextMatrix() const	deprecated

Upgrading to version 7.3 from version 7.2

There are some minor upgrade warnings in this release when moving from version 7.2 to version 7.3:

- The parameter of constructor function of **Font** has been changed, which deletes the default value for "weight".
SDK 7.2: **Font**(const wchar_t* name, uint32 styles, Charset charset, int **weight = 0**);
SDK 7.3: **Font**(const wchar_t* name, uint32 styles, Charset charset, int **weight**);
- The enumeration **foxit::pdf::graphics::ImageObject::ColorSpace** has been changed to **foxit::common::ColorSpaceType**.
- The enumeration **foxit::pdf::interform::Field::Flags::e_FlagChoiseMultiSelect** has been changed to **foxit::pdf::interform::Field::Type::e_FlagChoiceMultiSelect**.
- The TrustedCertStoreCallback class adds a new callback function (**virtual bool IsCertTrustedRoot(const String& cert) = 0**).

Upgrading to version 7.2 from version 7.1

There is only one minor upgrade warning in this release when moving from version 7.1 to version 7.2. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

The parameter type of the function **foxit::addon::optimization::ImageSettings::SetQuality** has been changed as below:

SDK 7.1:

```
void foxit::addon::optimization::ImageSettings::SetQuality (int32 quality)
```

SDK 7.2:

```
void foxit::addon::optimization::ImageSettings::SetQuality (ImageCompressQuality quality)
```

Upgrading to version 7.1 from version 7.0

If you are upgrading from version 7.0 to version 7.1, please take note of the changes that occurred between version 7.0 and version 7.1.

- From 7.1 version, the whole **foxit::addon::ConnectedPDF** class has been removed.
- Some APIs have been changed in version 7.1. Note that the APIs related to ConnectedPDF in the PDFDoc class have also been removed. The following table lists the APIs mapping between version 7.0 and 7.1.

SDK 7.0	SDK 7.1
Charset foxit::common::Font::GetCharset(const pdf::PDFDoc & document)	CIDCharset foxit::common::Font::GetCIDCharset(const pdf::PDFDoc & document)
void foxit::pdf::annots::Line::SetMeasureUnit(int measure_type, const String & unit)	void foxit::pdf::annots::Line::SetMeasureUnit(MeasureType measure_type, const String & unit)
String foxit::pdf::annots::Line::GetMeasureUnit(int measure_type)	String foxit::pdf::annots::Line::GetMeasureUnit(MeasureType measure_type)
void foxit::pdf::annots::Line::SetMeasureConversionFactor(int measure_type, float factor)	void foxit::pdf::annots::Line::SetMeasureConversionFactor(MeasureType measure_type, float factor)
float foxit::pdf::annots::Line::GetMeasureConversionFactor(int measure_type)	float foxit::pdf::annots::Line::GetMeasureConversionFactor(MeasureType measure_type)
bool foxit::pdf::PDFDoc::IsCPDF() const	Removed
bool foxit::pdf::PDFDoc::IsCDRM() const	Removed
String foxit::pdf::PDFDoc::GetDocURI()	Removed
String foxit::pdf::PDFDoc::GetEndpoint()	Removed

Upgrading to version 7.0 from version 6.4

There are two minor upgrade warnings in this release when moving from version 6.4 to version 7.0:

- The value of enumeration **foxit::pdf::Signature::e_StateUnknown** has been changed from 0 to 0x80000000.
- The functions **foxit::pdf::Signature::StartVerify** and **foxit::pdf::SignatureCallback::VerifySigState** are only used to verify the integrity of a signature instead of the validity of a signature, so that the return value of **VerifySigState** in the default signature callback has been changed from "VALID/INVALID" to "NOCHANGE/CHANGE".

Upgrading to version 6.4 from version 6.3

There are some minor upgrade warnings in this release when moving from version 6.3 to version 6.4.

- The functions that contain the parameter "**ifstream**" have been deprecated.
- The function **foxit::common::Renderer::SetTransformAnnotIcon** has been deprecated.
- The parameter "**is_transform_icon**" of the function **foxit::pdf::annots::Annot::GetDeviceRect** has been deprecated.

Upgrading to version 6.3 from version 6.2.1

There is only one minor upgrade warning in this release when moving from version 6.2.1 to version 6.3. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

The function name of **foxit::pdf::interform::Field::SetDefaultValue** has been changed to **foxit::pdf::interform::Field::SetDefaultVaue**.

Upgrading to version 6.2.1 from version 6.2

There is only one upgrade warning in this release when moving from version 6.2 to version 6.2.1. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

Add a callback function **WidgetEvent** in **foxit::addon::xfa::DocProviderCallback** class to execute xfa widget event when you create or destroy xfa widget.

Upgrading to version 6.2 from version 6.1.1

There is only one upgrade warning in this release when moving from version 6.1.1 to version 6.2. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

The return type of **foxit::addon::xfa::XFADoc::ExportData** has been changed from **void** to **bool**.

Upgrading to version 6.1.1 from version 6.1

If you are upgrading from version 6.1 to version 6.1.1, please take note of the changes that occurred between version 6.1 and version 6.1.1.

For the version 6.1.1 release of Foxit PDF SDK, there are two minor changes:

- Add a new class "foxit::common::file::StreamCallback", and change the parameter in the **SaveAs** function from
"bool Image::SaveAs(file::WriterCallback* file, const wchar_t* file_extension)
EXCE_SPEC" to
"bool Image::SaveAs(file::StreamCallback* file, const wchar_t* file_extension)
EXCE_SPEC".
- Change the enum definitions of watermark position from "enum
foxit::pdf::WatermarkSettings::Position" to "enum foxit::common::Position".

If you use any of these functions in your code then you may need to update your code to reflect the change when moving to version 6.1.1.

Upgrading to version 6.1 from version 6.0

There are no upgrade warnings when moving from version 6.0 to version 6.1. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

Upgrading to version 6.0 from version 5.3

Foxit PDF SDK 6.0 is a major new version of Foxit PDF SDK and contains a lot of changes to the APIs. In version 6.0, the APIs have been substantially changed, which are provided from C programming language to C++ programming language. Please take note of the changes that occurred between version 5.3 and version 6.0 if you are upgrading from version 5.3 to version 6.0.

The following table lists the APIs mapping between version 5.3 and 6.0.

5.3 C API		6.0 C++ API	
API	Memo	API	Memo
FSCRT_Annot_GetPage		foxit::pdf::annots::Annot::GetPage() const	
FSCRT_Archive_Create		N/A	
FSCRT_Archive_GetData		N/A	
FSCRT_Archive_LoadData		N/A	
FSCRT_Archive_Release		N/A	
FSCRT_Array_Clear		Not Required.	GSDK 6.0 provides specific type of Array directly.
FSCRT_Array_Init		Not Required.	GSDK 6.0 provides specific type of Array directly.
FSCRT_Barcode_GenerateBitmap		foxit::common::Barcode::GenerateBitmap(const WString& info, Format format, int32 unit_width, int32 unit_height, QRErrorCorrectionLevel level)	
FSCRT_Base64_DecodeToBuffer		foxit::common::Codec::Base64Decode(const void* encoded_data_buffer, size_t length)	
FSCRT_Base64_EncodeFromBuffer		foxit::common::Codec::Base64Encode(const void* data_buffer, size_t length)	
FSCRT_BCModule_Finalize		Not Required.	It will be destroyed automatically with SDK.
FSCRT_BCModule_Initialize		Not Required.	It will be initialized automatically with SDK.
FSCRT_Bitmap_CalcBBox		foxit::common::Bitmap::CalculateBBoxByColor(ARGB backgroud_color)	
FSCRT_Bitmap_Clone		foxit::common::Bitmap::Clone(const RectI* clip_rect = NULL) const	
FSCRT_Bitmap_ConvertFormat		foxit::common::Bitmap::ConvertFormat(DIBFormat format, void* icc_transform = NULL)	
FSCRT_Bitmap_Create		foxit::common::Bitmap::Bitmap(int width, int height, DIBFormat format, uint8* buffer = NULL, int pitch = 0)	
FSCRT_Bitmap_FillRect		foxit::common::Bitmap::FillRect(ARGB color, const RectI* rect = NULL)	
FSCRT_Bitmap_GetBitmapInfo		N/A	
FSCRT_Bitmap_GetFlipped		foxit::common::Bitmap::Flip(bool is_flip_horz, bool is_flip_vert)	
FSCRT_Bitmap_GetFormat		foxit::common::Bitmap::GetFormat() const	
FSCRT_Bitmap_GetLineBuffer	Get the first address of a specific line buffer of a bitmap object.	foxit::common::Bitmap::GetBuffer() const	Get the first address of the bitmap buffer.
FSCRT_Bitmap_GetLineStride		foxit::common::Bitmap::GetPitch() const	
FSCRT_Bitmap_GetMask		foxit::common::Bitmap::GetMask(const RectI* clip_rect = NULL)	
FSCRT_Bitmap_GetSize		foxit::common::Bitmap::GetWidth() const foxit::common::Bitmap::GetHeight() const	
FSCRT_Bitmap_Release		foxit::common::Bitmap::~Bitmap()	
FSCRT_Bitmap_StretchTo		foxit::common::Bitmap::StretchTo(int dest_width, int dest_height, InterpolationFlag flag, const RectI* clip_rect = NULL)	

5.3 C API		6.0 C++ API	
FSCRT_Bitmap_TransformTo		foxit::common::Bitmap::TransformTo(const Matrix& matrix, InterpolationFlag flag, int& out_left, int& out_top, const RectI* clip_rect = NULL)	
FSCRT_BStr_Clear		Replaced by class String and class WString	
FSCRT_BStr_Init		Replaced by class String and class WString	
FSCRT_BStr_Set		Replaced by class String and class WString	
FSCRT_BStr_SetLength		Replaced by class String and class WString	
FSCRT_Digest_Finish		N/A	
FSCRT_Digest_Start		N/A	
FSCRT_Digest_Update		N/A	
FSCRT_Doc_GetType	Get a document type (fdf or pdf)	// Get a document type (fdf or xfdf) Foxit::fdf::Doc::GetType() const	Fdf, pdf, and xfa are separate classes, so that do not need a specific API to get the type of a document.
FSCRT_File_ClearRange		Not Required.	
FSCRT_File_Create		Not Required.	
FSCRT_File_Create_L		Not Required.	
FSCRT_File_CreateCacheFile		Not Required.	
FSCRT_File_CreateFromFileName		Not Required.	
FSCRT_File_CreateFromMemory		Not Required.	
FSCRT_File_GetSize		Not Required.	
FSCRT_File_Read		Not Required.	
FSCRT_File_Release		Not Required.	
FSCRT_File_SetRange		Not Required.	
FSCRT_File_Write		Not Required.	
FSCRT_Flate_Compress		foxit::common::Codec::FlateCompress(const void* data_buffer, size_t length)	
FSCRT_Flate-Decompress		foxit::common::Codec::FlateDecompress(const void* compressed_data_buffer, size_t length)	
FSCRT_Font_Create		foxit::common::Font::Font(const wchar_t* name, uint32 styles, CharSet charset, int weight = 0)	
FSCRT_Font_CreateFromFile		foxit::common::Font::Font(const char* font_file_path, int face_index, CharSet charset) foxit::common::Font::Font(const wchar_t* font_file_path, int face_index, CharSet charset)	
FSCRT_Font_CreateStandard		foxit::common::Font::Font(StandardID font_id)	
FSCRT_Font_EnumFaces		N/A	
FSCRT_Font_GetAscent		foxit::common::Font::GetAscent() const	
FSCRT_Font_GetCharBBox		foxit::common::Font::GetCharBBox(uint32 unicode) const	
FSCRT_Font_GetCharWidth		foxit::common::Font::GetCharWidth(uint32 unicode) const	
FSCRT_Font_GetDescent		foxit::common::Font::GetDescent() const	
FSCRT_Font_GetName		foxit::common::Font::GetName()	
FSCRT_Font_IsBold		foxit::common::Font::IsBold() const	
FSCRT_Font_IsItalic		foxit::common::Font::IsItalic() const	
FSCRT_Font_Release		foxit::common::Font::~Font()	
FSCRT_Image_CountFrames		foxit::common::Image::GetFrameCount() const	

5.3 C API		6.0 C++ API	
FSCRT_Image_GetCurrentFrameBitmap		foxit::common::Image::GetFrameBitmap(int index) const	Get frame bitmap through index
FSCRT_Image_GetCurrentFrameSize		foxit::common::Image::GetFrameBitmap(int index) const foxit::common::Bitmap::GetWidth() const foxit::common::Bitmap::GetHeight() const	Get frame bitmap through index
FSCRT_Image_GetProperty		foxit::common::Image::GetX DPI() const foxit::common::Image::GetY DPI() const	
FSCRT_Image_GetSize		foxit::common::Image::GetWidth() const foxit::common::Image::GetHeight() const	
FSCRT_Image_GetType		foxit::common::Image::GetType() const	
FSCRT_Image_LoadFrame		Not Required.	Get bitmap through index.
FSCRT_Image_LoadFromFile		foxit::common::Image::Image(const char* path) foxit::common::Image::Image(const wchar_t* path) foxit::common::Image::Image(const void* buffer, size_t length) foxit::common::Image::Image(foxit::common::file::ReaderCallback* file_read) foxit::common::Image::Image(std::ifstream* input_file_stream)	
FSCRT_Image_Release		foxit::common::Image::~Image()	
FSCRT_ImageFile_AddFrame		foxit::common::Image::AddFrame(const Bitmap& bitmap)	
FSCRT_ImageFile_Create		foxit::common::Image::Image()	
FSCRT_ImageFile_Release		foxit::common::Image::~Image()	
FSCRT_ImageFile_SetProperty		foxit::common::Image::SetDPIS(int x_dpi, int y_dpi)	
FSCRT_Library_AddFontFile		N/A	
FSCRT_Library_CreateDefaultMgr		foxit::common::Library::Initialize(const char* sn, const char* key)	
FSCRT_Library_CreateMgr		N/A	
FSCRT_Library_DestroyMgr		foxit::common::Library::Release()	
FSCRT_Library_EnableJavaScript		foxit::common::Library::EnableJavaScript(bool enable_javascript)	
FSCRT_Library_GetFixedMemSize		N/A	
FSCRT_Library_GetMgr		N/A	
FSCRT_Library_GetPrivateData		N/A	
FSCRT_Library_GetVersion		foxit::common::Library::GetVersion()	
FSCRT_Library_LoadSystemFonts		N/A	
FSCRT_Library_OOMRecover		Not Required.	
FSCRT_Library_RemovePrivateData		N/A	
FSCRT_Library_SetAppHandler		N/A	
FSCRT_Library_SetCacheSize		foxit::common::Library::SetCacheSize(uint32 size)	
FSCRT_Library_SetFontMapperHandler		N/A	
FSCRT_Library_SetLogFile		foxit::common::Library::SetLogFile(const char* log_file_path) foxit::common::Library::SetLogFile(const wchar_t* log_file_path)	
FSCRT_Library_SetMgr		N/A	
FSCRT_Library_SetPrivateData		N/A	
FSCRT_Library_SetThreadHandler		N/A	
FSCRT_Library_TriggerRecover		Not Required.	
FSCRT_License_GetType		N/A	

5.3 C API		6.0 C++ API	
FSCRT_License_UnlockLibrary		foxit::common::Library::Initialize(const char* sn, const char* key)	
FSCRT_Matrix_Concat		foxit::Matrix::Concat	
FSCRT_Matrix_GetReverse		foxit::Matrix dst_matrix; dst_matrix.SetReverse(src_matrix);	
FSCRT_Matrix_Rotate		foxit::Matrix::Rotate	
FSCRT_Matrix_Scale		foxit::Matrix::Scale	
FSCRT_Matrix_Shear		foxit::Matrix::Shear	
FSCRT_Matrix_TransformPoint		foxit::Matrix::TransformPoint	
FSCRT_Matrix_TransformPointF		foxit::Matrix::TransformPoint	
FSCRT_Matrix_TransformRect		foxit::Matrix::TransformRect	
FSCRT_Matrix_TransformRectF		foxit::Matrix::TransformRect	
FSCRT_Matrix_Translate		foxit::Matrix::Translate	
FSCRT_Memory_Alloc		foxit::common::Library::Alloc(size_t size)	
FSCRT_Memory_Free		foxit::common::Library::Free(void* ptr)	
FSCRT_Memory_Realloc		foxit::common::Library::Realloc(void* ptr, size_t new_size)	
FSCRT_Page_GetDocument		foxit::pdf::Page::GetDocument() const	
FSCRT_PathData_AddPointsCount		Not Required.	
FSCRT_PathData_AppendEllipse		foxit::common::Path::AppendEllipse(const RectF& rect)	
FSCRT_PathData_AppendRect		foxit::common::Path::AppendRect(const RectF& rect)	
FSCRT_PathData_Clear		foxit::common::Path::Clear()	
FSCRT_PathData_CloseFigure		foxit::common::Path::CloseFigure()	
FSCRT_PathData_CountPoints		foxit::common::Path::GetPointCount()	
FSCRT_PathData_Create		foxit::common::Path::Path()	
FSCRT_PathData_CubicBezierTo		foxit::common::Path::CubicBezierTo(const PointF& point1, const PointF& point2, const PointF& point3)	
FSCRT_PathData_GetPoint		foxit::common::Path::GetPoint(int index) foxit::common::Path::GetPointType(int index)	
FSCRT_PathData_LineTo		foxit::common::Path::LineTo(const PointF& point)	
FSCRT_PathData_MoveTo		foxit::common::Path::MoveTo(const PointF& point)	
FSCRT_PathData_Release		foxit::common::Path::~~Path()	
FSCRT_PathData_RemovePoint		foxit::common::Path::RemovePoint(int index)	
FSCRT_PathData_SetPoint		foxit::common::Path::SetPoint(int index, const PointF& point, PointType type)	
FSCRT_PathData_Transform		foxit::common::Path::Transform(const Matrix& matrix)	
FSCRT_PDFModule_Finalize		Not Required.	It will be destroyed automatically with SDK.
FSCRT_PDFModule_Initialize		Not Required.	It will be initialized automatically with SDK.
FSCRT_Progress_Continue		foxit::common::Progressive::Continue()	
FSCRT_Progress_GetPercent		foxit::common::Progressive::GetRateOfProgress()	
FSCRT_Progress_Release		foxit::common::Progressive::~~Progressive()	
FSCRT_Progress_SetProperty		foxit::pdf::Doc::SetFileVersion(int version)	
FSCRT_PSI_AddPoint		foxit::pdf::PSI::AddPoint(const PointF& point, common::Path::PointType type, float pressure)	
FSCRT_PSI_ConvertToPDFAnnot		foxit::pdf::PSI::ConvertToPDFAnnot(const Page& page, const RectF& annot_rect, common::Rotation rotate)	
FSCRT_PSI_Create		foxit::pdf::PSI::PSI(int width, int height, bool simulate)	

5.3 C API		6.0 C++ API	
FSCRT_PSI_GetContentsRect		foxit::pdf::PSI::GetContentsRect()	
FSCRT_PSI_InitCanvas		foxit::pdf::PSI::PSI(int width, int height, bool simulate)	
FSCRT_PSI_Release		foxit::pdf::PSI::~~PSI()	
FSCRT_PSI_Render		foxit::pdf::PSI::GetBitmap() foxit::common::Renderer::StartRenderBitmap(const Bitmap& bitmap, const Matrix& matrix, const RectI* clip_rect = NULL, uint32 interpolation = 0, PauseCallback* pause = NULL)	
FSCRT_PSI_SetInkColor		foxit::pdf::PSI::SetColor(RGB color)	
FSCRT_PSI_SetInkDiameter		foxit::pdf::PSI::SetDiameter(int diameter)	
FSCRT_PSI_SetOpacity		foxit::pdf::PSI::SetOpacity(float opacity)	
FSCRT_Rect_IsAdjacent		N/A	
FSCRT_Renderer_CreateOnBitmap		FSCRT_Renderer_CreateOnBitmap	
FSCRT_Renderer_CreateOnWindowsDC	For Windows Only	foxit::common::Renderer::Renderer(HDC dc)	For Windows Only
FSCRT_Renderer_CreateOnCGContext	For Mac Only	foxit::common::Renderer::Renderer(const CGContextRef& context, DeviceType device_type)	For Mac/iOS Only
FSCRT_Renderer_DrawBitmap		foxit::common::Renderer::StartRenderBitmap(const Bitmap& bitmap, const Matrix& matrix, const RectI* clip_rect = NULL, uint32 interpolation = 0, PauseCallback* pause = NULL)	
FSCRT_Renderer_Release		foxit::common::Renderer::~~Renderer()	
FSCRT_Renderer_SetClipRect		foxit::common::Renderer::SetClipRect(const RectI* clip_rect)	
FSCRT_Renderer_SetDitherBits		N/A	
FSCRT_Renderer_SetFlags		foxit::common::Renderer::SetTransformAnnotIcon(bool is_to_transform_annot_icon) foxit::common::Renderer::SetClearType(bool is_clear_type) foxit::common::Renderer::SetPrintTextAsGraphic(bool is_to_print_text_graphic) foxit::common::Renderer::SetPrintTextAsImage(bool is_to_print_text_image) foxit::common::Renderer::SetForceDownSample(bool is_to_force_down_sample) foxit::common::Renderer::SetRenderPathThinLine(bool is_render_path_thin_line) foxit::common::Renderer::SetRenderTextAntiAliasing(bool is_render_text_antialiasing) foxit::common::Renderer::SetRenderPathAntiAliasing(bool is_render_path_antialiasing) foxit::common::Renderer::SetRenderImageAntiAliasing(bool is_render_image_antialiasing)	
FSCRT_Renderer_SetGamma		foxit::common::Library::SetRenderTextGamma(float gamma)	
FSCRT_UTF8_CountChars		Replaced by class String and class WString	
FSCRT_UTF8_FromUTF16BE		Replaced by class String and class WString	
FSCRT_UTF8_FromUTF16LE		Replaced by class String and class WString	
FSCRT_UTF8_FromUTF32BE		Replaced by class String and class WString	
FSCRT_UTF8_FromUTF32LE		Replaced by class String and class WString	
FSCRT_UTF8_ToUTF16BE		Replaced by class String and class WString	
FSCRT_UTF8_ToUTF16LE		Replaced by class String and class WString	
FSCRT_UTF8_ToUTF32BE		Replaced by class String and class WString	
FSCRT_UTF8_ToUTF32LE		Replaced by class String and class WString	
FSFDF_Annot_ExportToPDFPage		foxit::pdf::Doc::ImportFromFDF(const fdf::Doc& fdf_doc, int types = e_Forms e_Annots, const common::Range& page_range = common::Range())	
FSFDF_Annot_Get		Not Required.	
FSFDF_Annot_GetCount		Not Required.	

5.3 C API		6.0 C++ API	
FSFDF_Annot_GetPageIndex		Not Required.	
FSFDF_Doc_Close		foxit::fdf::Doc::~Doc()	
FSFDF_Doc_Create		foxit::fdf::Doc::Doc(Type type)	
FSFDF_Doc_ExportAnnotsToPDFDoc		foxit::pdf::Doc::ImportFromFDF(const fdf::Doc& fdf_doc, int types = e_Forms e_Annots, const common::Range& page_range = common::Range())	
FSFDF_Doc_GetPDFPath		foxit::fdf::Doc::GetPDFPath()	
FSFDF_Doc_Load		foxit::fdf::Doc::Doc(const char* path) foxit::fdf::Doc::Doc(const wchar_t* path) foxit::fdf::Doc::Doc(const void* buffer, size_t length) foxit::fdf::Doc::Doc(common::file::ReaderCallback* file_read) foxit::fdf::Doc::Doc(std::ifstream* input_file_stream)	
FSFDF_Doc_Save		foxit::fdf::Doc::SaveAs(const char* file_path) foxit::fdf::Doc::SaveAs(const wchar_t* file_path) foxit::fdf::Doc::SaveAs(common::file::WriterCallback* file)	
FSFDF_Doc_SetPDFPath		foxit::fdf::Doc::SetPDFPath(const wchar_t* pdf_path)	
FSPDF_ActionData_Clear		Provide class foxit::pdf::actions::Action and its subclass to present action	
FSPDF_ActionData_Init		Provide class foxit::pdf::actions::Action and its subclass to present action	
FSPDF_Annot_Add		foxit::pdf::Page::AddAnnot(annots::Annot::Type type, const RectF& rect)	
FSPDF_Annot_AddState		foxit::pdf::annots::Markup::AddStateAnnot(StateModel model, State state)	
FSPDF_Annot_CountActions		For link annot: // Get link action: foxit::pdf::annots::Link::GetAction() // Count the sub-action of a specific action. foxit::pdf::actions::Action::GetSubActionCount(int index) For widget annot: // Get widget action: foxit::pdf::annots::Widget::GetAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const annots::Annot& annot) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Count the sub-action of a specific action. foxit::pdf::actions::Action::GetSubActionCount(int index)	Every action may have sub-action, users can count them by yourself.
FSPDF_Annot_CountReplies		foxit::pdf::annots::Markup::GetReplyCount()	
FSPDF_Annot_CountStateAnnots		foxit::pdf::annots::Markup::GetStateAnnotCount(StateModel model)	
FSPDF_Annot_ExportToFDFDoc		foxit::pdf::Doc::ExportToFDF(const fdf::Doc& fdf_doc, int types = e_Forms e_Annots, const common::Range& page_range = common::Range())	
FSPDF_Annot_Get		foxit::pdf::Page::GetAnnot(int index)	

5.3 C API		6.0 C++ API	
FSPDF_Annot_GetAction		For link annot: // Get link action: foxit::pdf::annots::Link::GetAction() // Get sub-action from action if sub-action exists foxit::pdf::actions::Action::GetSubAction(int index) For widget annot: // Get widget action: foxit::pdf::annots::Widget::GetAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const annots::Annot& annot) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Get sub-action from action if sub-action exists foxit::pdf::actions::Action::GetSubAction(int index)	
FSPDF_Annot_GetAlignment		foxit::pdf::annots::FreeText::GetAlignment() const	
FSPDF_Annot_GetAllByTabOrder		Replaced by class foxit::pdf::TabOrderMgr	
FSPDF_Annot_GetApplyFillColor		foxit::pdf::annots::Redact::GetApplyFillColor() const	
FSPDF_Annot_GetAtDevicePos		foxit::pdf::Page::GetAnnotAtDevicePoint(const PointF& position, float tolerance, const Matrix* matrix = NULL)	
FSPDF_Annot_GetAtPos		foxit::pdf::Page::GetAnnotAtPoint(const PointF& position, float tolerance)	
FSPDF_Annot_GetAttachment		foxit::pdf::annots::FileAttachment::GetFileSpec()	
FSPDF_Annot_GetBorder		foxit::pdf::annots::Annot::GetBorderInfo()	
FSPDF_Annot_GetCalloutLinePoints		foxit::pdf::annots::FreeText::GetCalloutLinePoints()	
FSPDF_Annot_GetCaptionOffset		foxit::pdf::annots::Line::GetCaptionOffset() const	
FSPDF_Annot_GetCaptionPosition		foxit::pdf::annots::Line::GetCaptionPositionType()	
FSPDF_Annot_GetColor		foxit::pdf::annots::Annot::GetBorderColor() foxit::pdf::annots::Square::GetFillColor() const foxit::pdf::annots::Circle::GetFillColor() const foxit::pdf::annots::FreeText::GetFillColor() const foxit::pdf::annots::Polygon::GetFillColor() const foxit::pdf::annots::Redact::GetFillColor() const	
FSPDF_Annot_GetContents		foxit::pdf::annots::Annot::GetContent() const	
FSPDF_Annot_GetCount		foxit::pdf::Page::GetAnnotCount()	
FSPDF_Annot_GetCreationDateTime		foxit::pdf::annots::Markup::GetCreationDateTime() const	
FSPDF_Annot_GetDefaultAppearance		foxit::pdf::annots::FreeText::GetDefaultAppearance()	
FSPDF_Annot_GetDeviceRect		foxit::pdf::annots::Annot::GetDeviceRect(bool is_transform_icon, const Matrix& matrix)	
FSPDF_Annot_GetDict		foxit::pdf::annots::Annot::GetDict()	
FSPDF_Annot_GetFlags		foxit::pdf::annots::Annot::GetFlags() const	
FSPDF_Annot_GetFormControl		foxit::pdf::annots::Widget::GetControl()	
FSPDF_Annot_GetGroupElements		foxit::pdf::annots::Markup::GetGroupElements()	
FSPDF_Annot_GetGroupHeader		foxit::pdf::annots::Markup::GetGroupHeader()	

5.3 C API		6.0 C++ API	
FSPDF_Annot_GetHighlightingMode		foxit::pdf::annots::Link::GetHighlightingMode() foxit::pdf::annots::Widget::GetHighlightingMode()	
FSPDF_Annot_GetIconFit		foxit::pdf::annots::Widget::GetMKIconFit() const	
FSPDF_Annot_GetIconName		foxit::pdf::annots::Note::GetIconName() const foxit::pdf::annots::Stamp::GetIconName() const foxit::pdf::annots::FileAttachment::GetIconName() const	
FSPDF_Annot_GetIndex		foxit::pdf::annots::Annot::GetIndex() const	
FSPDF_Annot_GetInkList		foxit::pdf::annots::Ink::GetInkList()	
FSPDF_Annot_GetInnerRectMargin		foxit::pdf::annots::Caret::GetInnerRect() const foxit::pdf::annots::Circle::GetInnerRect() const foxit::pdf::annots::Square::GetInnerRect() const foxit::pdf::annots::FreeText::GetInnerRect() const	Provide direct function to get inner rect.
FSPDF_Annot_GetIntent		foxit::pdf::annots::Markup::GetIntent() const	
FSPDF_Annot_GetLeaderLineExtension		foxit::pdf::annots::Line::GetLeaderLineExtensionLength() const	
FSPDF_Annot_GetLeaderLineLength		foxit::pdf::annots::Line::GetLeaderLineLength()	
FSPDF_Annot_GetLeaderLineOffset		foxit::pdf::annots::Line::GetLeaderLineOffset() const	
FSPDF_Annot_GetLineEndingStyles		foxit::pdf::annots::Line::GetLineStartStyle() const foxit::pdf::annots::Line::GetLineEndStyle() const foxit::pdf::annots::PolyLine::GetLineStartStyle() const foxit::pdf::annots::PolyLine::GetLineEndStyle() const foxit::pdf::annots::FreeText::GetCalloutLineEndingStyle() const	
FSPDF_Annot_GetLinePosition		foxit::pdf::annots::Line::GetStartPoint() foxit::pdf::annots::Line::GetEndPoint()	
FSPDF_Annot_GetMKCaption		foxit::pdf::annots::Widget::GetMKNormalCaption() const foxit::pdf::annots::Widget::GetMKRolloverCaption() const foxit::pdf::annots::Widget::GetMKDownCaption() const	
FSPDF_Annot_GetMKColor		foxit::pdf::annots::Widget::GetMKBorderColor() const foxit::pdf::annots::Widget::GetMKBackgroundColor() const	
FSPDF_Annot_GetMKIconBitmap		foxit::pdf::annots::Widget::GetMKNormalIconBitmap() foxit::pdf::annots::Widget::GetMKRolloverIconBitmap() foxit::pdf::annots::Widget::GetMKDownIconBitmap()	
FSPDF_Annot_GetMKRotation		foxit::pdf::annots::Widget::GetMKRotation() const	
FSPDF_Annot_GetModifiedDateTime		foxit::pdf::annots::Annot::GetModifiedDateTime() const	
FSPDF_Annot_GetName		foxit::pdf::annots::Annot::GetUniqueID() const	
FSPDF_Annot_GetOpacity		foxit::pdf::annots::Markup::GetOpacity() const foxit::pdf::annots::Screen::GetOpacity() const	
FSPDF_Annot_GetOpenStatus		foxit::pdf::annots::Note::GetOpenStatus() const foxit::pdf::annots::Popup::GetOpenStatus() const	
FSPDF_Annot_GetPopup		foxit::pdf::annots::Markup::GetPopup()	
FSPDF_Annot_GetQuadPoints		foxit::pdf::annots::TextMarkup::GetQuadPoints() const foxit::pdf::annots::Link::GetQuadPoints() const	
FSPDF_Annot_GetRect		foxit::pdf::annots::Annot::GetRect() const	

5.3 C API		6.0 C++ API	
FSPDF_Annot_GetReply		foxit::pdf::annots::Markup::GetReply(int index) const	
FSPDF_Annot_GetState		foxit::pdf::annots::Note::IsStateAnnot()为 true 时, Foxit::pdf::annots::Note::GetStateModel() foxit::pdf::annots::Note::GetState()	
FSPDF_Annot_GetStateAnnot		foxit::pdf::annots::Markup::GetStateAnnot(StateModel model, int index)	
FSPDF_Annot_GetSubject		foxit::pdf::annots::Markup::GetSubject()	
FSPDF_Annot_GetSymbol		N/A	
FSPDF_Annot_GetTitle		foxit::pdf::annots::Markup::GetTitle() const	
FSPDF_Annot_GetType		foxit::pdf::annots::Annot::GetType() const	
FSPDF_Annot_GetVertices		foxit::pdf::annots::Polygon::GetVertexes() foxit::pdf::annots::PolyLine::GetVertexes()	
FSPDF_Annot_HasCaptionContents		foxit::pdf::annots::Line::HasCaption() const	
FSPDF_Annot_HasMKEntry		foxit::pdf::annots::Widget::HasMKEntry(MKEntry mk_entry)	
FSPDF_Annot_InsertAction		For link annot: // Get link action: foxit::pdf::annots::Link::GetAction() // Insert a sub-action foxit::pdf::actions::Action::InsertSubAction(int index, const Action& sub_action) For widget annot: // Get widget action: foxit::pdf::annots::Widget::GetAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const annots::Annot& annot) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Insert a sub-action foxit::pdf::actions::Action::InsertSubAction(int index, const Action& sub_action)	
FSPDF_Annot_InsertReply	Only support inserting the reply to the last	foxit::pdf::annots::Markup::AddReply()	
FSPDF_Annot_IsGrouped		foxit::pdf::annots::Markup::IsGrouped()	
FSPDF_Annot_Move		foxit::pdf::annots::Markup::IsGrouped()	
FSPDF_Annot_MoveToFirst		foxit::pdf::Page::MoveAnnotToFirst(const annots::Annot& annot)	
FSPDF_Annot_MoveToLast		foxit::pdf::Page::MoveAnnotToLast(const annots::Annot& annot)	
FSPDF_Annot_MoveToNext		foxit::pdf::Page::MoveAnnotToNext(const annots::Annot& annot)	
FSPDF_Annot_MoveToPrev		foxit::pdf::Page::MoveAnnotToPrev(const annots::Annot& annot)	
FSPDF_Annot_Remove		foxit::pdf::Page::RemoveAnnot(const annots::Annot& annot)	

5.3 C API		6.0 C++ API	
FSPDF_Anot_RemoveAction		For link annot: // Get link action: foxit::pdf::annots::Link::GetAction() // Remove a specified sub-action foxit::pdf::actions::Action::RemoveSubAction(int index) // Remove directly related action foxit::pdf::annots::Link::RemoveAction() For widget annot: // Get widget action: foxit::pdf::annots::Widget::GetAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const annots::Annot& annot) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Remove a specified sub-action foxit::pdf::actions::Action::RemoveSubAction(int index) // Remove directly related action foxit::pdf::annots::Widget::RemoveAction() foxit::pdf::actions::AdditionalAction::RemoveAction(TriggerEvent trigger)	
FSPDF_Anot_RemoveAllActions		For link annot: foxit::pdf::annots::Link::RemoveAction() For widget annot: foxit::pdf::annots::Widget::RemoveAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const annots::Annot& annot) foxit::pdf::actions::AdditionalAction::RemoveAllActions()	
FSPDF_Anot_RemoveAllReplies		foxit::pdf::annots::Markup::RemoveAllReplies()	
FSPDF_Anot_RemoveAllStates		foxit::pdf::annots::Markup::RemoveAllStateAnnots()	
FSPDF_Anot_RemoveMKEntry		foxit::pdf::annots::Widget::RemoveMKEntry(MKEntry mk_entry)	
FSPDF_Anot_RemoveReply		foxit::pdf::annots::Markup::RemoveReply(int index)	
FSPDF_Anot_ResetAppearance		foxit::pdf::annots::Annot::ResetAppearanceStream()	
FSPDF_Anot_SearchInAppearanc e		foxit::pdf::TextSearch::TextSearch(const annots::Annot& annot) Then call the functions in class foxit::pdf::TextSearch	

5.3 C API		6.0 C++ API	
FSPDF_Annot_SetAction		For link annot: // Get link action: foxit::pdf::annots::Link::GetAction() // Set a specified sub-action if sub-action exists foxit::pdf::actions::Action::SetSubAction(int index, const Action& sub_action) // or set directly related action foxit::pdf::annots::Link::SetAction(const actions::Action& action) For widget annot: // Get widget annot foxit::pdf::annots::Widget::GetAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const annots::Annot& annot) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Set a specified sub-action if sub-action exists foxit::pdf::actions::Action::SetSubAction(int index, const Action& sub_action) // or set directly related action foxit::pdf::annots::Widget::SetAction(const actions::Action& action) foxit::pdf::actions::AdditionalAction::SetAction(TriggerEvent trigger, const Action& action)	
FSPDF_Annot_SetAlignment		foxit::pdf::annots::FreeText::SetAlignment(common::Alignment alignment)	
FSPDF_Annot_SetApplyFillColor		foxit::pdf::actions::annots::Redact::SetApplyFillColor(RGB fill_color)	
FSPDF_Annot_SetAttachment		foxit::pdf::annots::FileAttachment::SetFileSpec(const FileSpec& file_spec)	
FSPDF_Annot_SetBorder		foxit::pdf::annots::Annot::SetBorderInfo(const BorderInfo& border)	
FSPDF_Annot_SetCalloutLinePoints		foxit::pdf::annots::FreeText::SetCalloutLinePoints(const PointFArray& point_array)	
FSPDF_Annot_SetCaptionContents		foxit::pdf::annots::Line::EnableCaption(bool cap)	
FSPDF_Annot_SetCaptionOffset		foxit::pdf::annots::Line::SetCaptionOffset(const Offset& offset)	
FSPDF_Annot_SetCaptionPosition		foxit::pdf::annots::Line::SetCaptionPositionType(CapPos cap_position)	
FSPDF_Annot_SetColor		foxit::pdf::annots::Annot::SetBorderColor(RGB color) foxit::pdf::annots::Square::SetFillColor(RGB fill_color) foxit::pdf::annots::Circle::SetFillColor(RGB fill_color) foxit::pdf::annots::FreeText::SetFillColor(RGB fill_color) foxit::pdf::annots::Polygon::SetFillColor(RGB fill_color) foxit::pdf::annots::Redact::SetFillColor(RGB fill_color)	
FSPDF_Annot_SetContents		foxit::pdf::annots::Annot::SetContent(const WString& content)	
FSPDF_Annot_SetCreationDateTime		foxit::pdf::annots::Markup::SetCreationDateTime(const DateTime& date_time)	
FSPDF_Annot_SetDefaultAppearance		foxit::pdf::annots::FreeText::SetDefaultAppearance(const DefaultAppearance& default_ap)	
FSPDF_Annot_SetFlags		foxit::pdf::annots::Annot::SetFlags(uint32 flags)	
FSPDF_Annot_SetGroup		foxit::pdf::Page::SetAnnotGroup(const annots::MarkupArray& annot_array, int header_index)	

5.3 C API		6.0 C++ API	
FSPDF_Annot_SetHighlightingMode		foxit::pdf::annots::Link::SetHighlightingMode(HighlightingMode mode) foxit::pdf::annots::Widget::SetHighlightingMode(HighlightingMode mode)	
FSPDF_Annot_SetIconFit		foxit::pdf::annots::Widget::SetMKIconFit(const IconFit& icon_fit)	
FSPDF_Annot_SetIconName		foxit::pdf::annots::Note::SetIconName(const char* icon_name) foxit::pdf::annots::Stamp::SetIconName(const char* icon_name) foxit::pdf::annots::FileAttachment::SetIconName(const char* icon_name)	
FSPDF_Annot_SetIconProvider		foxit::common::Library::SetAnnotIconProviderCallback(pdf::annots::IconProviderCallback* annot_icon_provider)	
FSPDF_Annot_SetInkList		foxit::pdf::annots::Ink::SetInkList(const common::Path& ink_list)	
FSPDF_Annot_SetInnerRectMargin		foxit::pdf::annots::Caret::SetInnerRect(const RectF& inner_rect) foxit::pdf::annots::Square::SetInnerRect(const RectF& inner_rect) foxit::pdf::annots::Circle::SetInnerRect(const RectF& inner_rect) foxit::pdf::annots::FreeText::SetInnerRect(const RectF& inner_rect)	
FSPDF_Annot_SetIntent		foxit::pdf::annots::Markup::SetIntent(const String& intent)	
FSPDF_Annot_SetLeaderLineExtension		foxit::pdf::annots::Line::SetLeaderLineExtensionLength(float extension_length)	
FSPDF_Annot_SetLeaderLineLength		foxit::pdf::annots::Line::SetLeaderLineLength(float length)	
FSPDF_Annot_SetLeaderLineOffset		foxit::pdf::annots::Line::SetLeaderLineOffset(float offset)	
FSPDF_Annot_SetLineEndingStyles		foxit::pdf::annots::Line::SetLineStartStyle(EndingStyle ending_style) foxit::pdf::annots::Line::SetLineEndStyle(EndingStyle ending_style) foxit::pdf::annots::PolyLine::SetLineStartStyle(EndingStyle starting_style) foxit::pdf::annots::PolyLine::SetLineEndStyle(EndingStyle ending_style) foxit::pdf::annots::FreeText::SetCalloutLineEndingStyle(EndingStyle ending_style)	
FSPDF_Annot_SetLinePosition		foxit::pdf::annots::Line::SetStartPoint(const PointF& point) foxit::pdf::annots::Line::SetEndPoint(const PointF& point)	
FSPDF_Annot_SetMKCaption		foxit::pdf::annots::Widget::SetMKNormalCaption(const wchar_t* caption) foxit::pdf::annots::Widget::SetMKRolloverCaption(const wchar_t* caption) foxit::pdf::annots::Widget::SetMKDownCaption(const wchar_t* caption)	
FSPDF_Annot_SetMKColor		foxit::pdf::annots::Widget::SetMKBorderColor(RGB color) foxit::pdf::annots::Widget::SetMKBackgroundColor(RGB color)	
FSPDF_Annot_SetMKIconBitmap		foxit::pdf::annots::Widget::SetMKNormalIconBitmap(const common::Bitmap& bitmap) foxit::pdf::annots::Widget::SetMKRolloverIconBitmap(const common::Bitmap& bitmap) foxit::pdf::annots::Widget::SetMKDownIconBitmap(const common::Bitmap& bitmap)	
FSPDF_Annot_SetMKIconImage		foxit::pdf::annots::Widget::SetMKNormalIconImage(const common::Image& image, int frame_index) foxit::pdf::annots::Widget::SetMKRolloverIconImage(const common::Image& image, int frame_index) foxit::pdf::annots::Widget::SetMKDownIconImage(const common::Image& image, int frame_index)	
FSPDF_Annot_SetMKRotation		foxit::pdf::annots::Widget::SetMKRotation(common::Rotation rotation)	
FSPDF_Annot_SetModifiedDateTime		foxit::pdf::annots::Annot::SetModifiedDateTime(const DateTime& date_time)	

5.3 C API		6.0 C++ API	
FSPDF_Annot_SetName		foxit::pdf::annots::Annot::SetUniqueID(const WString& unique_id)	
FSPDF_Annot_SetOpacity		foxit::pdf::annots::Markup::SetOpacity(float opacity) foxit::pdf::annots::Screen::SetOpacity(float opacity)	
FSPDF_Annot_SetOpenStatus		foxit::pdf::annots::Note::SetOpenStatus(bool status) foxit::pdf::annots::Popup::SetOpenStatus(bool status)	
FSPDF_Annot_SetPopup		foxit::pdf::annots::Markup::SetPopup(const Popup& popup)	
FSPDF_Annot_SetQuadPoints		foxit::pdf::annots::TextMarkup::SetQuadPoints(const QuadPointsArray& quad_points_array) foxit::pdf::annots::Link::SetQuadPoints(const QuadPointsArray& quad_points_array)	
FSPDF_Annot_SetStamp		foxit::pdf::annots::Stamp::SetImage(const common::Image& image, int frame_index, int compress)	
FSPDF_Annot_SetStampWithBitmap		foxit::pdf::annots::Stamp::SetBitmap(const common::Bitmap& bitmap)	
FSPDF_Annot_SetState		foxit::pdf::annots::Note::SetState(State state)	
FSPDF_Annot_SetSubject		foxit::pdf::annots::Markup::SetSubject(const WString& subject)	
FSPDF_Annot_SetSymbol		N/A	
FSPDF_Annot_SetTitle		foxit::pdf::annots::Markup::SetTitle(const WString& title)	
FSPDF_Annot_SetVertices		foxit::pdf::annots::Polygon::SetVertexes(const PointFArray& vertexes) foxit::pdf::annots::PolyLine::SetVertexes(const PointFArray& vertexes)	
FSPDF_Annot_Ungroup		foxit::pdf::annots::Markup::Ungroup()	
FSPDF_Archive_DeserializeAnnot		N/A	
FSPDF_Archive_SerializeAnnot		N/A	
FSPDF_Array_Add		foxit::pdf::objects::PDFArray::AddElement(PDFObject* element)	
FSPDF_Array_AddBoolean		foxit::pdf::objects::PDFArray::AddBoolean(bool boolean_value)	
FSPDF_Array_AddDateTime		foxit::pdf::objects::PDFArray::AddDateTime(const DateTime& date_time)	
FSPDF_Array_AddFloat		foxit::pdf::objects::PDFArray::AddFloat(float float_value)	
FSPDF_Array_AddInteger		foxit::pdf::objects::PDFArray::AddInteger(int integer_value)	
FSPDF_Array_AddMatrix		foxit::pdf::objects::PDFArray::AddMatrix(const Matrix& matrix)	
FSPDF_Array_AddRawByteString		N/A	
FSPDF_Array_AddRect		foxit::pdf::objects::PDFArray::AddRect(const RectF& rect)	
FSPDF_Array_AddUnicodeName		foxit::pdf::objects::PDFArray::AddName(const char* name)	
FSPDF_Array_AddUnicodeString		foxit::pdf::objects::PDFArray::AddString(const wchar_t* new_string)	
FSPDF_Array_CountElements		foxit::pdf::objects::PDFArray::GetElementCount() const	
FSPDF_Array_GetArray		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetArray()	
FSPDF_Array_GetBoolean		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetBoolean() const	
FSPDF_Array_GetDateTime		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetDateTime() const	
FSPDF_Array_GetDict		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetDict()	
FSPDF_Array_GetElement		foxit::pdf::objects::PDFArray::GetElement(int index) const	
FSPDF_Array_GetFloat		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetFloat() const	

5.3 C API		6.0 C++ API	
FSPDF_Array_GetInteger		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetInteger() const	
FSPDF_Array_GetMatrix		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetMatrix() const	
FSPDF_Array_GetRawByteString		N/A	
FSPDF_Array_GetRect		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetRect() const	
FSPDF_Array_GetStream		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetStream()	
FSPDF_Array_GetUnicodeString		foxit::pdf::objects::PDFArray::GetElement(int index) const foxit::pdf::objects::PDFObject::GetWideString() const	
FSPDF_Array_InsertAt		foxit::pdf::objects::PDFArray::InsertAt(int index, PDFObject* element)	
FSPDF_Array_RemoveAt		foxit::pdf::objects::PDFArray::RemoveAt(int index)	
FSPDF_Array_SetAt		foxit::pdf::objects::PDFArray::SetAt(int index, PDFObject* element)	
FSPDF_Attachment_Create		foxit::pdf::FileSpec::FileSpec(const Doc& document)	
FSPDF_Attachment_GetChecksum		foxit::pdf::FileSpec::GetChecksum() const	
FSPDF_Attachment_GetCreationDate ateTime		foxit::pdf::FileSpec::GetCreationDateTime() const	
FSPDF_Attachment_GetData		foxit::pdf::FileSpec::GetFileData() const	
FSPDF_Attachment_GetDescription n		foxit::pdf::FileSpec::GetDescription()	
FSPDF_Attachment_GetDocument		N/A	
FSPDF_Attachment_GetFileName		foxit::pdf::FileSpec::GetFileName() const	
FSPDF_Attachment_GetModifiedDate ateTime		foxit::pdf::FileSpec::GetModifiedDateDateTime() const	
FSPDF_Attachment_GetSize		foxit::pdf::FileSpec::GetFileSize() const	
FSPDF_Attachment_IsEmbedded		foxit::pdf::FileSpec::IsEmbedded() const	
FSPDF_Attachment_Release		foxit::pdf::FileSpec::~~FileSpec()	
FSPDF_Attachment_SetChecksum		foxit::pdf::FileSpec::SetChecksum(const String& checksum)	
FSPDF_Attachment_SetCreationDate ateTime		foxit::pdf::FileSpec::SetCreationDateTime(const DateTime& date_time)	
FSPDF_Attachment_SetDescription n		foxit::pdf::FileSpec::SetDescription(const String& description)	
FSPDF_Attachment_SetFile		foxit::pdf::FileSpec::Embed(const wchar_t* file_path)	
FSPDF_Attachment_SetFileName		foxit::pdf::FileSpec::SetFileName(const wchar_t* file_name)	
FSPDF_Attachment_SetModifiedDate ateTime		foxit::pdf::FileSpec::SetModifiedDateDateTime(const DateTime& date_time)	
FSPDF_Attachment_WriteToFile		foxit::pdf::FileSpec::ExportToFile(const wchar_t* path)	
FSPDF_Attachments_CountAttach ment		foxit::pdf::Attachments::GetCount()	
FSPDF_Attachments_GetAttachm ent		foxit::pdf::Attachments::GetKey(int index) foxit::pdf::Attachments::GetEmbeddedFile(const WString& key)	
FSPDF_Attachments_InsertAttach ment		foxit::pdf::Attachments::AddEmbeddedFile(const WString& key, const FileSpec& file_spec)	
FSPDF_Attachments_Release		foxit::pdf::Attachments::~~Attachments()	

5.3 C API		6.0 C++ API	
FSPDF_Attachments_RemoveAttachment		foxit::pdf::Attachments::RemoveEmbeddedFile(const WString& key)	
FSPDF_Bookmark_CloneIterator		Not Required.	
FSPDF_Bookmark_CountActions		// Get directly related action foxit::pdf::Bookmark::GetAction() // Count the sub-action of a specific action. foxit::pdf::actions::Action::GetSubActionCount()	Every action may have sub-action, users can count them by yourself.
FSPDF_Bookmark_GetAction		// Get directly related action foxit::pdf::Bookmark::GetAction() // Get sub-action from action if sub-action exists foxit::pdf::actions::Action::GetSubAction(int index)	
FSPDF_Bookmark_GetData		foxit::pdf::Bookmark::GetTitle() const foxit::pdf::Bookmark::GetColor() const foxit::pdf::Bookmark::GetStyle() const	
FSPDF_Bookmark_GetPos		Not Required.	
FSPDF_Bookmark_HasChild		foxit::pdf::Bookmark::HasChild()	
FSPDF_Bookmark_Insert		foxit::pdf::Bookmark::Insert(const WString& title, Position position)	
FSPDF_Bookmark_InsertAction		// Get directly related action foxit::pdf::Bookmark::GetAction() // Insert a sub-action foxit::pdf::actions::Action::InsertSubAction(int index, const Action& sub_action)	
FSPDF_Bookmark_InsertAtPos		Not Required.	
FSPDF_Bookmark_IsFirstChild		foxit::pdf::Bookmark::IsFirstChild()	
FSPDF_Bookmark_IsLastChild		foxit::pdf::Bookmark::IsLastChild()	
FSPDF_Bookmark_IsRoot		foxit::pdf::Bookmark::IsRoot()	
FSPDF_Bookmark_MoveToFirstChild		Not Required.	
FSPDF_Bookmark_MoveToNextSibling		Not Required.	
FSPDF_Bookmark_MoveToParent		Not Required.	
FSPDF_Bookmark_MoveToPos		Not Required.	
FSPDF_Bookmark_MoveToPrevSibling		Not Required.	
FSPDF_Bookmark_MoveToRoot		Not Required.	
FSPDF_Bookmark_ReleaseIterator		Not Required.	
FSPDF_Bookmark_ReleasePos		Not Required.	
FSPDF_Bookmark_Remove		foxit::pdf::Doc::RemoveBookmark(const Bookmark& bookmark)	

5.3 C API		6.0 C++ API	
FSPDF_Bookmark_RemoveAction		// Get directly related action foxit::pdf::Bookmark::GetAction() // Remove a specified sub-action if sub-action exists foxit::pdf::actions::Action::RemoveSubAction(int index) // or remove directly related action foxit::pdf::Bookmark::RemoveAction()	
FSPDF_Bookmark_RemoveAllActions		foxit::pdf::Bookmark::RemoveAction()	
FSPDF_Bookmark_SetAction		// Get directly related action foxit::pdf::Bookmark::GetAction() // Set a specified sub-action if sub-action exists foxit::pdf::actions::Action::SetSubAction(int index, const Action& sub_action) // or set directly related action foxit::pdf::Bookmark::SetAction(const actions::Action& action)	
FSPDF_Bookmark_SetData		foxit::pdf::Bookmark::SetTitle(const WString& title) foxit::pdf::Bookmark::SetColor(RGB color) foxit::pdf::Bookmark::SetStyle(uint32 style)	
FSPDF_Bookmark_Update		Not Required.	
FSPDF_BookmarkData_Clear		Not Required.	
FSPDF_BookmarkData_Init		Not Required.	
FSPDF_ChoiceOption_Clear		class foxit::pdf::interform::ChoiceOption	
FSPDF_ChoiceOption_Init		class foxit::pdf::interform::ChoiceOption	
FSPDF_Dictionary_EnumEntry		N/A	
FSPDF_Dictionary_GetArray		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetArray()	
FSPDF_Dictionary_GetBoolean		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetBoolean() const	
FSPDF_Dictionary_GetDateTime		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetDateTime() const	
FSPDF_Dictionary_GetDict		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetDict()	
FSPDF_Dictionary_GetElement		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const	
FSPDF_Dictionary_GetFloat		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetFloat() const	
FSPDF_Dictionary_GetInteger		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetInteger() const	
FSPDF_Dictionary_GetMatrix		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetMatrix() const	
FSPDF_Dictionary_GetRawByteString		N/A	
FSPDF_Dictionary_GetRect		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetRect() const	
FSPDF_Dictionary_GetStream		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetStream()	

5.3 C API		6.0 C++ API	
FSPDF_Dictionary_GetUnicodeString		foxit::pdf::objects::PDFDictionary::GetElement(const char* key) const foxit::pdf::objects::PDFObject::GetWideString() const	
FSPDF_Dictionary_HasKey		foxit::pdf::objects::PDFDictionary::HasKey(const char* key) const	
FSPDF_Dictionary_RemoveAt		foxit::pdf::objects::PDFDictionary::RemoveAt(const char* key)	
FSPDF_Dictionary_SetAt		foxit::pdf::objects::PDFDictionary::SetAt(const char* key, PDFObject* object)	
FSPDF_Dictionary_SetAtBoolean		foxit::pdf::objects::PDFDictionary::SetAtBoolean(const char* key, bool value)	
FSPDF_Dictionary_SetAtDateTime		foxit::pdf::objects::PDFDictionary::SetAtDateTime(const char* key, const DateTime& value)	
FSPDF_Dictionary_SetAtFloat		foxit::pdf::objects::PDFDictionary::SetAtFloat(const char* key, float value)	
FSPDF_Dictionary_SetAtInteger		foxit::pdf::objects::PDFDictionary::SetAtInteger(const char* key, int value)	
FSPDF_Dictionary_SetAtMatrix		foxit::pdf::objects::PDFDictionary::SetAtMatrix(const char* key, const Matrix& value)	
FSPDF_Dictionary_SetAtRawByteString		N/A	
FSPDF_Dictionary_SetAtRect		foxit::pdf::objects::PDFDictionary::SetAtRect(const char* key, const RectF& value)	
FSPDF_Dictionary_SetAtUnicodeName		foxit::pdf::objects::PDFDictionary::SetName(const char* key, const char* value)	
FSPDF_Dictionary_SetAtUnicodeString		foxit::pdf::objects::PDFDictionary::SetAsString(const char* key, const wchar_t* value)	
FSPDF_Doc_AddLayer		N/A	
FSPDF_Doc_AsyncLoad		foxit::pdf::Doc::Doc(common::file::ReaderCallback* file_read, bool is_async = false) foxit::common::file::AsyncReaderCallback foxit::pdf::Doc::Load or StartLoad	
FSPDF_Doc_ClearCache		foxit::pdf::Doc::ClearRenderCache()	
FSPDF_Doc_Close		foxit::pdf::Doc::~Doc()	
FSPDF_Doc_CountActions		// Get directly related action foxit::pdf::Doc::GetOpenAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const Doc& doc, objects::PDFDictionary* pdf_dict = NULL) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Count the sub-action of a specific action. foxit::pdf::actions::Action::GetSubActionCount(int index)	Every action may have sub-action, users can count them by yourself.
FSPDF_Doc_CountFonts		foxit::pdf::Doc::GetFontCount()	
FSPDF_Doc_CountPages		foxit::pdf::Doc::GetPageCount() const	
FSPDF_Doc_CountSignatures		foxit::pdf::Doc::GetSignatureCount()	
FSPDF_Doc_Create		foxit::pdf::Doc::Doc()	
FSPDF_Doc_CreateBookmarkIterator		Not Required.	
FSPDF_Doc_CreateForm		foxit::pdf::interform::Form::Form(const pdf::Doc& document)	
FSPDF_Doc_DoJavaScriptAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const Doc& doc, objects::PDFDictionary* pdf_dict = NULL) foxit::pdf::actions::AdditionalAction::DoJSAction(TriggerEvent trigger)	

5.3 C API		6.0 C++ API	
FSPDF_Doc_EmbedFont		N/A	
FSPDF_Doc_EnumAllPageSize	deprecated	Not Required.	
FSPDF_Doc_EnumLayers		foxit::pdf::LayerTree::LayerTree(const Doc& document)	
FSPDF_Doc_EnumPagesInfo		foxit::pdf::Doc::GetPageBasicInfo(int index)	Get the size and rotation of all the pages through recursively calling this function.
FSPDF_Doc_ExportAnnotsToFDFDoc		foxit::pdf::Doc::ExportToFDF(const fdf::Doc& fdf_doc, int types = e_Forms e_Annots, const common::Range& page_range = common::Range())	
FSPDF_Doc_GetAction		// Get directly related action foxit::pdf::Doc::GetOpenAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const Doc& doc, objects::PDFDictionary* pdf_dict = NULL) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Get a specified sub-action if sub-action exists foxit::pdf::actions::Action::GetSubAction(int index)	
FSPDF_Doc_GetCatalog		foxit::pdf::Doc::GetCatalog() const	
FSPDF_Doc_GetDisplayMode		foxit::pdf::Doc::GetDisplayMode() const	
FSPDF_Doc_GetEncryptDict		foxit::pdf::Doc::GetEncryptDict() const	
FSPDF_Doc_GetEncryptionFilter		foxit::pdf::Doc::GetStdEncryptData() const foxit::pdf::Doc::GetCertificateEncryptData() const foxit::pdf::Doc::GetDRMEncryptData() const foxit::pdf::Doc::GetCustomEncryptData() const foxit::pdf::Doc::GetRMSEncryptData() const	
FSPDF_Doc_GetEncryptionParam		foxit::pdf::Doc::GetStdEncryptData() const foxit::pdf::Doc::GetCertificateEncryptData() const foxit::pdf::Doc::GetDRMEncryptData() const foxit::pdf::Doc::GetCustomEncryptData() const foxit::pdf::Doc::GetRMSEncryptData() const	
FSPDF_Doc_GetEncryptionSubFilter		foxit::pdf::Doc::GetStdEncryptData() const foxit::pdf::Doc::GetCertificateEncryptData() const foxit::pdf::Doc::GetDRMEncryptData() const foxit::pdf::Doc::GetCustomEncryptData() const foxit::pdf::Doc::GetRMSEncryptData() const	
FSPDF_Doc_GetEncryptionType		foxit::pdf::Doc::GetEncryptionType() const	
FSPDF_Doc_GetFileVersion		foxit::pdf::Doc::GetFileVersion()	
FSPDF_Doc_GetFirstAvailPageIndex		foxit::pdf::Doc::GetFirstAvailPageIndex() const	
FSPDF_Doc_GetFontByIndex		foxit::pdf::Doc::GetFont(int index)	
FSPDF_Doc_GetInfoDict		foxit::pdf::Doc::GetInfo() const	
FSPDF_Doc_GetJSActionByName		foxit::pdf::objects::PDFNameTree::PDFNameTree(const Doc& document, Type type) with type=e_JavaScript foxit::pdf::objects::PDFNameTree::GetObj(const WString& name) foxit::pdf::actions::Action::Action(const Doc& document, objects::PDFDictionary* action_dict)	

5.3 C API		6.0 C++ API	
FSPDF_Doc_GetPage		foxit::pdf::Doc::GetPage(int index)	
FSPDF_Doc_GetPasswordType		foxit::pdf::Doc::GetPasswordType() const	
FSPDF_Doc_GetSignature		foxit::pdf::Doc::GetSignature(int index)	
FSPDF_Doc_GetTrailer		foxit::pdf::Doc::GetTrailer() const	
FSPDF_Doc_GetUserPermissions		foxit::pdf::Doc::GetUserPermissions() const	
FSPDF_Doc_GetWrapperData		foxit::pdf::Doc::GetWrapperData() const	
FSPDF_Doc_GetWrapperOffset		foxit::pdf::Doc::GetWrapperOffset() const	
FSPDF_Doc_HasForm		foxit::pdf::Doc::HasForm() const	
FSPDF_Doc_InitiateJavaScript		foxit::pdf::Doc::DoJSOpenAction()	
FSPDF_Doc_InsertAction		// Get directly related action foxit::pdf::Doc::GetOpenAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const Doc& doc, objects::PDFDictionary* pdf_dict = NULL) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Insert a sub-action foxit::pdf::actions::Action::InsertSubAction(int index, const Action& sub_action)	
FSPDF_Doc_IsDocAvail		Not Required.	
FSPDF_Doc_IsFormAvail		Not Required.	
FSPDF_Doc_IsLinearized		foxit::pdf::Doc::IsLinearized() const	
FSPDF_Doc_IsModified		N/A	
FSPDF_Doc_IsPageAvail		Not Required.	
FSPDF_Doc_IsPortfolio		foxit::pdf::Doc::IsPortfolio()	
FSPDF_Doc_IsWrapper		foxit::pdf::Doc::IsWrapper() const	
FSPDF_Doc_LoadAttachments		foxit::pdf::Attachments::Attachments(const Doc& doc, const objects::PDFNameTree& nametree = objects::PDFNameTree())	
FSPDF_Doc_PageIndexToPageLabel		foxit::pdf::PageLabels::PageLabels(const Doc& document) foxit::pdf::PageLabels::GetPageLabelTitle(int page_index) const	
FSPDF_Doc_PageLabelToPageIndex		N/A	
FSPDF_Doc_RemoveAction		// Get directly related action foxit::pdf::Doc::GetOpenAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const Doc& doc, objects::PDFDictionary* pdf_dict = NULL) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Remove a specified sub-action if sub-action exists foxit::pdf::actions::Action::RemoveSubAction(int index) // or remove directly related action foxit::pdf::Doc::RemoveOpenAction() foxit::pdf::actions::AdditionalAction::RemoveAction(TriggerEvent trigger)	
FSPDF_Doc_RemoveAllActions		foxit::pdf::Doc::RemoveOpenAction() foxit::pdf::actions::AdditionalAction::AdditionalAction(const Doc& doc, objects::PDFDictionary* pdf_dict = NULL) foxit::pdf::actions::AdditionalAction::RemoveAllActions()	

5.3 C API		6.0 C++ API	
FSPDF_Doc_RemoveJSActionByName		foxit::pdf::objects::PDFNameTree::PDFNameTree(const Doc& document, Type type) with type=e_JavaScript foxit::pdf::objects::PDFNameTree::RemoveObj(const WString& name)	
FSPDF_Doc_SaveAsWrapperFile		foxit::pdf::Doc::SaveAsWrapperFile(const wchar_t* file_path, const WrapperData* wrapper_data = NULL, uint32 user_permissions = 0xFFFFFFFF, const char* owner_password = "")	
FSPDF_Doc_SetAction		// Get directly related action foxit::pdf::Doc::GetOpenAction() or foxit::pdf::actions::AdditionalAction::AdditionalAction(const Doc& doc, objects::PDFDictionary* pdf_dict = NULL) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Set a specified sub-action if sub-action exists foxit::pdf::actions::Action::SetSubAction(int index, const Action& sub_action) // or set directly related action foxit::pdf::Doc::SetOpenAction(actions::Action& action) foxit::pdf::actions::AdditionalAction::SetAction(TriggerEvent trigger, const Action& action)	
FSPDF_Doc_SetActionHandler	deprecated	Not Required.	
FSPDF_Doc_SetDisplayMode		foxit::pdf::Doc::SetDisplayMode(DisplayMode display_mode)	
FSPDF_Doc_SetFileVersion		foxit::pdf::Doc::SetFileVersion(int version)	
FSPDF_Doc_SetJavaScriptActionHandler		foxit::common::Library::SetActionCallback(ActionCallback* action_callback)	
FSPDF_Doc_SetLayersBaseState		foxit::pdf::LayerTree::LayerTree(const Doc& document) foxit::pdf::LayerTree::SetBaseState(UsageState state)	
FSPDF_Doc_StartImportPages		foxit::pdf::Doc::StartImportPages(int dest_index, const Doc& src_doc, uint32 flags = Doc::e_ImportFlagNormal, const char* layer_name = "", const common::Range& page_range = common::Range(), common::PauseCallback* pause = NULL)	
FSPDF_Doc_StartImportPagesFromFileName		foxit::pdf::Doc::StartImportPagesFromFilePath(int dest_index, const wchar_t* src_file_path, const WString& password, uint32 flags = Doc::e_ImportFlagNormal, const char* layer_name = "", const common::Range& page_range = common::Range(), common::PauseCallback* pause = NULL)	
FSPDF_Doc_StartImportPagesWithLayers		foxit::pdf::Doc::StartImportPages(int dest_index, const Doc& src_doc, uint32 flags = Doc::e_ImportFlagNormal, const char* layer_name = "", const common::Range& page_range = common::Range(), common::PauseCallback* pause = NULL)	
FSPDF_Doc_StartLoad		foxit::pdf::Doc::StartLoad(const String& password = "", bool is_cache_stream = true, common::PauseCallback* pause = NULL) foxit::pdf::Doc::StartLoadW(const WString& password = WString(), bool is_cache_stream = true, common::PauseCallback* pause = NULL)	
FSPDF_Doc_StartLoadWithFlag		foxit::pdf::Doc::StartLoad(const String& password = "", bool is_cache_stream = true, common::PauseCallback* pause = NULL) foxit::pdf::Doc::StartLoadW(const WString& password = WString(), bool is_cache_stream = true, common::PauseCallback* pause = NULL)	
FSPDF_Doc_StartReload		N/A	

5.3 C API		6.0 C++ API	
FSPDF_Doc_StartSaveToFile		foxit::pdf::Doc::StartSaveAs(const char* file_path, uint32 save_flags = Doc::e_SaveFlagNormal, common::PauseCallback* pause = NULL) foxit::pdf::Doc::StartSaveAs(const wchar_t* file_path, uint32 save_flags = Doc::e_SaveFlagNormal, common::PauseCallback* pause = NULL) foxit::pdf::Doc::StartSaveAs(common::file::WriterCallback* file, uint32 save_flags = Doc::e_SaveFlagNormal, common::PauseCallback* pause = NULL)	
FSPDF_Font_GetDict		N/A	
FSPDF_Font_IsEmbedded		foxit::common::Font::IsEmbedded(const pdf::Doc& document)	
FSPDF_Font_IsSupportEmbedded		N/A	
FSPDF_Form_AddField		foxit::pdf::interform::Form::AddControl(const Page& page, const wchar_t* field_name, Field::Type field_type, const RectF& rect)	
FSPDF_Form_CountFields		foxit::pdf::interform::Form::GetFieldCount(const wchar_t* filter = Wstring())	
FSPDF_Form_ExportToFDFDoc		foxit::pdf::Doc::ExportToFDF(const fdf::Doc& fdf_doc, int types = e_Forms e_Annots, const common::Range& page_range = common::Range())	
FSPDF_Form_ExportToXML		foxit::pdf::interform::Form::ExportToXML(const char* file_path)	
FSPDF_Form_GetAlignment		foxit::pdf::interform::Form::GetAlignment() const	
FSPDF_Form_GetControlAtDevice Pos		foxit::pdf::interform::Form::GetControlAtDevicePoint(const Page& page, const PointF& point, float tolerance, Field::Type type, const Matrix* matrix = NULL)	
FSPDF_Form_GetControlAtPos		foxit::pdf::interform::Form::GetControlAtPoint(const Page& page, const PointF& point, float tolerance, Field::Type type)	
FSPDF_Form_GetDefaultAppearance		foxit::pdf::interform::Form::GetDefaultAppearance() const	
FSPDF_Form_GetDocument		foxit::pdf::interform::Form::GetDocument() const	
FSPDF_Form_GetField		foxit::pdf::interform::Form::GetField(int index, const wchar_t* filter = Wstring())	
FSPDF_Form_GetFieldsInCalculationOrder		foxit::pdf::interform::Form::GetFieldsInCalculationOrder()	
FSPDF_Form_ImportFromFDFDoc		foxit::pdf::Doc::ImportFromFDF(const fdf::Doc& fdf_doc, int types = e_Forms e_Annots, const common::Range& page_range = common::Range())	
FSPDF_Form_ImportFromXML		foxit::pdf::interform::Form::ImportFromXML(const char* file_path)	
FSPDF_Form_Load		foxit::pdf::interform::Form::Form(const pdf::Doc& document)	
FSPDF_Form_NeedConstructAppearances		foxit::pdf::interform::Form::NeedConstructAppearances() const	
FSPDF_Form_Release		foxit::pdf::interform::Form::~~Form()	
FSPDF_Form_RemoveField		foxit::pdf::interform::Form::RemoveField(Field& field)	
FSPDF_Form_RenameField		foxit::pdf::interform::Form::RenameField(Field& field, const wchar_t* new_field_name)	
FSPDF_Form_Reset		foxit::pdf::interform::Form::Reset()	
FSPDF_Form_SetAlignment		foxit::pdf::interform::Form::SetAlignment(common::Alignment alignment)	
FSPDF_Form_SetConstructAppearancesFlag		foxit::pdf::interform::Form::SetConstructAppearances(bool need_construct)	
FSPDF_Form_SetDefaultAppearance		foxit::pdf::interform::Form::SetDefaultAppearance(const DefaultAppearance& default_ap)	
FSPDF_Form_SetFieldsInCalculationOrder		foxit::pdf::interform::Form::SetFieldsInCalculationOrder(const FieldArray& field_array)	

5.3 C API		6.0 C++ API	
FSPDF_Form_ValidateFieldName		foxit::pdf::interform::Form::ValidateFieldName(Field::Type type, const WString& field_name)	
FSPDF_FormControl_DoJavaScript Action		foxit::pdf::actions::AdditionalAction::AdditionalAction(const interform::Field& field) foxit::pdf::actions::AdditionalAction::DoJSAction(TriggerEvent trigger)	
FSPDF_FormControl_GetExportValue		foxit::pdf::interform::Control::GetExportValue() const	
FSPDF_FormControl_GetFieldName		foxit::pdf::interform::Control::GetField() const foxit::pdf::interform::Field::GetName() const	
FSPDF_FormControl_GetWidgetAnnotation		foxit::pdf::interform::Control::GetWidget() const	
FSPDF_FormControl_IsChecked		foxit::pdf::interform::Control::IsChecked() const	
FSPDF_FormControl_IsDefaultChecked		foxit::pdf::interform::Control::IsDefaultChecked() const	
FSPDF_FormControl_SetChecked		foxit::pdf::interform::Control::SetChecked(bool checked)	
FSPDF_FormControl_SetDefaultChecked		foxit::pdf::interform::Control::SetDefaultChecked(bool checked)	
FSPDF_FormControl_SetExportValue		foxit::pdf::interform::Control::SetExportValue(const wchar_t* value)	
FSPDF_FormField_Calculate		N/A	
FSPDF_FormField_CountActions		foxit::pdf::actions::AdditionalAction::AdditionalAction(const interform::Field& field) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Count the sub-action of a specific action foxit::pdf::actions::Action::GetSubActionCount()	Every action may have sub-action, users can count them by yourself.
FSPDF_FormField_CountControls		foxit::pdf::interform::Field::GetControlCount(const Page& page) const	
FSPDF_FormField_Format		N/A	
FSPDF_FormField_FormatEvent		N/A	
FSPDF_FormField_GetAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const interform::Field& field) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Get a specified sub-action if sub-action exists foxit::pdf::actions::Action::GetSubAction(int index)	
FSPDF_FormField_GetAlignment		foxit::pdf::interform::Field::GetAlignment() const	
FSPDF_FormField_GetAlternateName		foxit::pdf::interform::Field::GetAlternateName() const	
FSPDF_FormField_GetControl		foxit::pdf::interform::Field::GetControl(const Page& page, int index)	
FSPDF_FormField_GetControlIndex		foxit::pdf::interform::Control::GetIndex() const	
FSPDF_FormField_GetDefaultAppearance		foxit::pdf::interform::Field::GetDefaultAppearance() const	
FSPDF_FormField_GetDefaultValue		foxit::pdf::interform::Field::GetDefaultValue() const	
FSPDF_FormField_GetFlags		foxit::pdf::interform::Field::GetFlags() const	
FSPDF_FormField_GetMappingName		foxit::pdf::interform::Field::GetMappingName() const	
FSPDF_FormField_GetMaxLen		foxit::pdf::interform::Field::GetMaxLength() const	
FSPDF_FormField_GetOptions		foxit::pdf::interform::Field::GetOptions() const	

5.3 C API		6.0 C++ API	
FSPDF_FormField_GetTopVisibleIndex		foxit::pdf::interform::Field::GetTopVisibleIndex()	
FSPDF_FormField_GetType		foxit::pdf::interform::Field::GetType() const	
FSPDF_FormField_GetValue		foxit::pdf::interform::Field::GetValue() const	
FSPDF_FormField_InsertAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const interform::Field& field) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Insert a sub-action foxit::pdf::actions::Action::InsertSubAction(int index, const Action& sub_action)	
FSPDF_FormField_RemoveAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const interform::Field& field) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Remove a specified sub-action if sub-action exists foxit::pdf::actions::Action::RemoveSubAction(int index) // or remove directly related action foxit::pdf::actions::AdditionalAction::RemoveAction(TriggerEvent trigger)	
FSPDF_FormField_RemoveAllActions		foxit::pdf::actions::AdditionalAction::AdditionalAction(const interform::Field& field) foxit::pdf::actions::AdditionalAction::RemoveAllActions()	
FSPDF_FormField_RemoveControl		foxit::pdf::interform::Form::RemoveControl(Control& control)	
FSPDF_FormField_SetAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const interform::Field& field) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Set a specified sub-action if sub-action exists foxit::pdf::actions::Action::SetSubAction(int index, const Action& sub_action) // or set directly related action foxit::pdf::actions::AdditionalAction::SetAction(TriggerEvent trigger,const Action& action)	
FSPDF_FormField_SetAlignment		foxit::pdf::interform::Field::SetAlignment(common::Alignment alignment)	
FSPDF_FormField_SetAlternateName		foxit::pdf::interform::Field::SetAlternateName(const wchar_t* alternate_name)	
FSPDF_FormField_SetDefaultAppearance		foxit::pdf::interform::Field::SetDefaultAppearance(const DefaultAppearance& default_ap)	
FSPDF_FormField_SetDefaultValue		foxit::pdf::interform::Field::SetDefaultValue(const wchar_t* value)	
FSPDF_FormField_SetFlags		foxit::pdf::interform::Field::SetFlags(uint32 flags)	
FSPDF_FormField_SetMappingName		foxit::pdf::interform::Field::SetMappingName(const wchar_t* name)	
FSPDF_FormField_SetMaxLen		foxit::pdf::interform::Field::SetMaxLength(int max_length)	
FSPDF_FormField_SetOptions		foxit::pdf::interform::Field::SetOptions(const ChoiceOptionArray& option_array)	
FSPDF_FormField_SetTopVisibleIndex		foxit::pdf::interform::Field::SetTopVisibleIndex(int index)	
FSPDF_FormField_SetValue		foxit::pdf::interform::Field::SetValue(const wchar_t* value)	
FSPDF_FormField_ValidateKeyStroke		N/A	

5.3 C API		6.0 C++ API	
FSPDF_FormField_ValidateKeyStrokeEvent		N/A	
FSPDF_FormField_ValidateValue		N/A	
FSPDF_FormField_ValidateValueEvent		N/A	
FSPDF_FormFiller_Begin		foxit::pdf::interform::Filler::Filler(const Form& form, FillerAssistCallback* assist)	
FSPDF_FormFiller_End		foxit::pdf::interform::Filler::~Filler()	
FSPDF_FormFiller_SetHighlightColor		foxit::pdf::interform::Filler::SetHighlightColor(ARGB color)	
FSPDF_FormFiller_ShowHighlight		foxit::pdf::interform::Filler::HighlightFormFields(bool is_highlight)	
FSPDF_FormFiller_TriggerWindowlessEvent		foxit::pdf::interform::Filler::OnLButtonDown(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnLButtonUp(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnLButtonDoubleClick(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnMouseMove(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnMouseEnter(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnMouseHover(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnMouseLeave(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnMouseWheel(const Page& page, const PointF& point, int32 delta, uint32 flags) foxit::pdf::interform::Filler::OnRButtonDown(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnRButtonUp(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnRButtonDoubleClick(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnWheelButtonDown(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnWheelButtonUp(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnWheelButtonDoubleClick(const Page& page, const PointF& point, uint32 flags) foxit::pdf::interform::Filler::OnKeyDown(uint32 key_code, uint32 flags) foxit::pdf::interform::Filler::OnKeyUp(uint32 key_code, uint32 flags) foxit::pdf::interform::Filler::OnChar(uint32 char_code, uint32 flags) foxit::pdf::interform::Filler::SetFocus(const Control& control) foxit::pdf::interform::Filler::KillFocus()	
FSPDF_FormXObject_Create		foxit::pdf::graphics::FormXObject::Create(const Doc& document)	
FSPDF_FormXObject_ExtractAPFromPage		foxit::pdf::graphics::FormXObject::ImportPageContent(const Page& source_page, bool is_annots_included)	
FSPDF_FormXObject_GetObjects		foxit::pdf::graphics::FormXObject::GetGraphicsObjects() const	
FSPDF_FormXObject_GetStream		foxit::pdf::graphics::FormXObject::GetStream() const	
FSPDF_ImageObject_CloneBitmap		foxit::pdf::graphics::ImageObject::CloneBitmap(const GraphicsObjects& graphics_objects)	
FSPDF_ImageObject_Create		foxit::pdf::graphics::ImageObject::Create(const Doc& document)	

5.3 C API		6.0 C++ API	
FSPDF_ImageObject_GetColorSpace		foxit::pdf::graphics::ImageObject::GetColorSpace() const	
FSPDF_ImageObject_GetStream		foxit::pdf::graphics::ImageObject::GetStream() const	
FSPDF_ImageObject_SetBitmap		foxit::pdf::graphics::ImageObject::SetBitmap(const common::Bitmap& bitmap, const common::Bitmap& mask = common::Bitmap())	
FSPDF_ImageObject_SetImage		foxit::pdf::graphics::ImageObject::SetImage(const common::Image& image, int frame_index)	
FSPDF_ImageObject_SetImageFromFile		foxit::common::Image::Image(const char* path) or foxit::common::Image::Image(const wchar_t* path) Then Foxit::pdf::graphics::ImageObject::SetImage(const common::Image& image, int frame_index)	
FSPDF_Layer_AddPageObject		foxit::pdf::LayerNode::AddGraphicsObject(const Page& page, graphics::GraphicsObject* graphicsobject)	
FSPDF_Layer_EnumeratePageObject		foxit::pdf::LayerNode::GetGraphicsObjects(const Page& page)	
FSPDF_Layer_GetApplicationUsage		foxit::pdf::LayerNode::GetViewUsage() foxit::pdf::LayerNode::GetExportUsage() foxit::pdf::LayerNode::GetPrintUsage() foxit::pdf::LayerNode::GetZoomUsage()	
FSPDF_Layer_GetName		foxit::pdf::LayerNode::GetName()	
FSPDF_Layer_HasIntent		foxit::pdf::LayerNode::HasIntent(const char* intent)	
FSPDF_Layer_IsInPage		foxit::pdf::LayerNode::IsInPage(const Page& page)	
FSPDF_Layer_Remove		N/A	
FSPDF_Layer_RemoveApplicationUsage		foxit::pdf::LayerNode::RemoveUsage(LayerContext::UsageType usage_type)	
FSPDF_Layer_RemovePageObject		foxit::pdf::LayerNode::RemoveGraphicsObject(graphics::GraphicsObject* graphics_object)	
FSPDF_Layer_SetApplicationUsage		foxit::pdf::LayerNode::SetViewUsage(LayerTree::UsageState state) foxit::pdf::LayerNode::SetExportUsage(LayerTree::UsageState state) foxit::pdf::LayerNode::SetPrintUsage(const LayerPrintData& data) foxit::pdf::LayerNode::SetZoomUsage(const LayerZoomData& data)	
FSPDF_Layer_SetDefaultState		foxit::pdf::LayerNode::SetDefaultVisible(bool is_visible)	
FSPDF_Layer_SetName		foxit::pdf::LayerNode::SetName(const wchar_t* name)	
FSPDF_LayerContext_CopyStates		foxit::pdf::LayerContext::CopyStates(const LayerContext& source_context)	
FSPDF_LayerContext_Create		foxit::pdf::LayerContext::LayerContext(const Doc& document, UsageType usage_type)	
FSPDF_LayerContext_GetDocument		foxit::pdf::LayerContext::GetDocument()	
FSPDF_LayerContext_GetUsageType		foxit::pdf::LayerContext::GetUsageType()	
FSPDF_LayerContext_IsVisible		foxit::pdf::LayerContext::IsVisible(const LayerNode& layer)	
FSPDF_LayerContext_MergeStates		foxit::pdf::LayerContext::MergeStates(const LayerContext& source_context)	
FSPDF_LayerContext_Release		foxit::pdf::LayerContext::~~LayerContext()	
FSPDF_LayerContext_Reset		foxit::pdf::LayerContext::Reset()	
FSPDF_LayerContext_SetVisible		foxit::pdf::LayerContext::SetVisible(const LayerNode& layer, bool is_visible)	

5.3 C API		6.0 C++ API	
FSPDF_LayerNode_Clear		Replaced by class foxit::pdf::LayeNode	
FSPDF_LayerNode_Init		Replaced by class foxit::pdf::LayeNode	
FSPDF_MarkedContent_AddItem		foxit::pdf::graphics::MarkedContent::AddItem(const char* tag_name, objects::PDFDictionary* property_dict = NULL)	
FSPDF_MarkedContent_CountItems		foxit::pdf::graphics::MarkedContent::GetItemCount() const	
FSPDF_MarkedContent_DeleteItem		foxit::pdf::graphics::MarkedContent::RemoveItem(const char* tag_name)	
FSPDF_MarkedContent_GetItemP aram		foxit::pdf::graphics::MarkedContent::GetItemMCID(int index) const foxit::pdf::graphics::MarkedContent::GetItemPropertyDict(int index) const	
FSPDF_MarkedContent_GetTagNa me		foxit::pdf::graphics::MarkedContent::GetItemTagName(int index) const	
FSPDF_MarkedContent_HasTag		foxit::pdf::graphics::MarkedContent::HasTag(const char* tag_name)	
FSPDF_Matrix_TransformDeviceTo Page		Replaced by foxit::Matirx::TransformRect	
FSPDF_Matrix_TransformPageToD evice		Replaced by foxit::Matirx::TransformRect	
FSPDF_Metadata_DeleteKey		foxit::pdf::Metadata::RemoveCustomerKey(const wchar_t* key)	Only used to remove custom key
FSPDF_Metadata_GetDateTime		foxit::pdf::Metadata::GetCreationDateTime() const foxit::pdf::Metadata::GetModifiedDateTime() const	
FSPDF_Metadata_GetKeys		foxit::pdf::Metadata::GetCustomerKeys()	Only used to get custom key list
FSPDF_Metadata_GetString		foxit::pdf::Metadata::GetValues(const wchar_t* key) const	
FSPDF_Metadata_GetStringArray		foxit::pdf::Metadata::GetValues(const wchar_t* key) const	
FSPDF_Metadata_SetDateTime		foxit::pdf::Metadata::SetCreationDateTime(const DateTime& date_time) foxit::pdf::Metadata::SetModifiedDateTime(const DateTime& date_time)	
FSPDF_Metadata_SetString		foxit::pdf::Metadata::SetValues(const wchar_t* key, const WStringArray& value_array)	
FSPDF_Metadata_SetStringArray		foxit::pdf::Metadata::SetValues(const wchar_t* key, const WStringArray& value_array)	
FSPDF_Object_CreateArray		foxit::pdf::objects::PDFArray::Create()	
FSPDF_Object_CreateBoolean		foxit::pdf::objects::PDFObject::CreateFromBoolean(bool boolean_value)	
FSPDF_Object_CreateDateTime		foxit::pdf::objects::PDFObject::CreateFromDateTime(const DateTime& date_time)	
FSPDF_Object_CreateDict		foxit::pdf::objects::PDFDictionary::Create()	
FSPDF_Object_CreateFloat		foxit::pdf::objects::PDFObject::CreateFromFloat(float float_value)	
FSPDF_Object_CreateInteger		foxit::pdf::objects::PDFObject::CreateFromInteger(int integer_value)	
FSPDF_Object_CreateMatrix		foxit::pdf::objects::PDFArray::CreateFromMatrix(const Matrix& matrix)	
FSPDF_Object_CreateRawByteStri ng		N/A	
FSPDF_Object_CreateRect		foxit::pdf::objects::PDFArray::CreateFromRect(const RectF& rect)	
FSPDF_Object_CreateReference		N/A	
FSPDF_Object_CreateReferenceWi thObjNum		foxit::pdf::objects::PDFObject::CreateReference(Doc document, uint32 object_number)	
FSPDF_Object_CreateStream		foxit::pdf::objects::PDFStream::Create(PDFDictionary* dictionary)	
FSPDF_Object_CreateUnicodeNam e		foxit::pdf::objects::PDFObject::CreateFromName(const char* name)	

5.3 C API		6.0 C++ API	
FSPDF_Object_CreateUnicodeString		foxit::pdf::objects::PDFObject::CreateFromString(const wchar_t* string)	
FSPDF_Object_GetBoolean		foxit::pdf::objects::PDFObject::GetBoolean() const	
FSPDF_Object_GetDateTime		foxit::pdf::objects::PDFObject::GetDateTime() const	
FSPDF_Object_GetFloat		foxit::pdf::objects::PDFObject::GetFloat() const	
FSPDF_Object_GetInteger		foxit::pdf::objects::PDFObject::GetInteger() const	
FSPDF_Object_GetMatrix		foxit::pdf::objects::PDFObject::GetMatrix() const	
FSPDF_Object_GetObjNum		foxit::pdf::objects::PDFObject::GetObjNum() const	
FSPDF_Object_GetRawByteString		N/A	
FSPDF_Object_GetRect		foxit::pdf::objects::PDFObject::GetRect() const	
FSPDF_Object_GetType		foxit::pdf::objects::PDFObject::GetType() const	
FSPDF_Object_GetUnicodeString		foxit::pdf::objects::PDFObject::GetWideString() const	
FSPDF_Object_Release		foxit::pdf::objects::PDFObject::Release()	
FSPDF_Page_CalcContentBBox		foxit::pdf::Page::CalcContentBBox(CalcMarginMode mode)	
FSPDF_Page_Clear		foxit::pdf::Page::~~Page()	
FSPDF_Page_CountActions		foxit::pdf::actions::AdditionalAction::AdditionalAction(const Page& page) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Count the sub-action of a specific action foxit::pdf::actions::Action::GetSubActionCount()	Every action may have sub-action, users can count them by yourself.
FSPDF_Page_Create		foxit::pdf::Doc::InsertPage(int index, float width, float height)	
FSPDF_Page_Delete		foxit::pdf::Doc::RemovePage(const Page& page)	
FSPDF_Page_DoJavaScriptAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const Page& page) foxit::pdf::actions::AdditionalAction::DoJSAction(TriggerEvent trigger)	
FSPDF_Page_EstimateContentSize		N/A	
FSPDF_Page_Flatten		foxit::pdf::Page::Flatten(bool for_display, uint32 options = Page::e_FlattenAll)	
FSPDF_Page_GetAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const Page& page) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Get a specified sub-action if sub-action exists foxit::pdf::actions::Action::GetSubAction(int index)	
FSPDF_Page_GetBox		foxit::pdf::Page::GetBox(BoxType box_type)	
FSPDF_Page_GetDict		foxit::pdf::Page::GetDict() const	
FSPDF_Page_GetIndex		foxit::pdf::Page::GetIndex() const	
FSPDF_Page_GetMatrix		foxit::pdf::Page::GetDisplayMatrix(int left, int top, int width, int height, common::Rotation rotate)	
FSPDF_Page_GetPageObjects		Not Required.	class pdf::Pagefoxit:: extends class foxit::pdf::GraphicsObjects
FSPDF_Page_GetRotation		foxit::pdf::Page::GetRotation() const	
FSPDF_Page_GetSize		foxit::pdf::Page::GetHeight() const foxit::pdf::Page::GetWidth() const	
FSPDF_Page_GetThumbnail		foxit::pdf::Page::LoadThumbnail()	
FSPDF_Page_HasTransparency		foxit::pdf::Page::HasTransparency()	
FSPDF_Page_InsertAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const Page& page) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Insert a sub-action foxit::pdf::actions::Action::InsertSubAction(int index, const Action& sub_action)	

5.3 C API		6.0 C++ API	
FSPDF_Page_IsParsed		foxit::pdf::Page::IsParsed() const	
FSPDF_Page_LoadAnnots		Not Required.	
FSPDF_Page_RemoveAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const Page& page) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Remove a specified sub-action if sub-action exists foxit::pdf::actions::Action::RemoveSubAction(int index) // or remove directly related action foxit::pdf::actions::AdditionalAction::RemoveAction(TriggerEvent trigger)	
FSPDF_Page_RemoveAllActions		foxit::pdf::actions::AdditionalAction::AdditionalAction(const Page& page) foxit::pdf::actions::AdditionalAction::RemoveAllActions()	
FSPDF_Page_RemoveWatermarks		foxit::pdf::Page::RemoveAllWatermarks()	
FSPDF_Page_SetAction		foxit::pdf::actions::AdditionalAction::AdditionalAction(const Page& page) foxit::pdf::actions::AdditionalAction::GetAction(TriggerEvent trigger) // Set a specified sub-action if sub-action exists foxit::pdf::actions::Action::SetSubAction(int index, const Action& sub_action) // or set directly related action foxit::pdf::actions::AdditionalAction::SetAction(TriggerEvent trigger,const Action& action)	
FSPDF_Page_SetBox		foxit::pdf::Page::SetBox(BoxType box_type, const RectF& box)	
FSPDF_Page_SetClipRect		foxit::pdf::Page::SetClipRect(const RectF& clip_rect)	
FSPDF_Page_SetIndex		foxit::pdf::Doc::MovePageTo(const Page& page, int dest_index)	
FSPDF_Page_SetRotation		foxit::pdf::Page::SetRotation(common::Rotation rotate)	
FSPDF_Page_SetSize		foxit::pdf::Page::SetSize(float width, float height)	
FSPDF_Page_SetThumbnail		foxit::pdf::Page::SetThumbnail(const common::Bitmap& thumbnail)	
FSPDF_Page_StartParse		foxit::pdf::Page::StartParse(uint32 flags = Page::e_ParsePageNormal , common::PauseCallback* pause = NULL, bool is_reparse = false)	
FSPDF_Page_Transform		foxit::pdf::Page::Transform(const Matrix& matrix, bool need_transform_clip_path)	
FSPDF_Page_UnloadAnnots		Not Required.	
FSPDF_PageLabels_CountRanges		Not Required.	
FSPDF_PageLabels_GetRangeInfo		foxit::pdf::PageLabels::GetPageLabelStyle(int page_index) const foxit::pdf::PageLabels::GetPageLabelPrefix(int page_index) const foxit::pdf::PageLabels::GetPageLabelStart(int page_index) const	
FSPDF_PageLabels_RemoveAll		foxit::pdf::PageLabels::RemoveAll()	
FSPDF_PageLabels_SetRangeInfo		foxit::pdf::PageLabels::SetPageLabel(int page_index, Style label_style, int first_label_number, const WString& prefix_string = Wstring())	
FSPDF_PageObject_AddClipPath		foxit::pdf::graphics::GraphicsObject::AddClipPath(const common::Path& path, common::FillMode fill_mode)	
FSPDF_PageObject_AddClipText		foxit::pdf::graphics::GraphicsObject::AddClipTextObject(TextObject* textobject)	
FSPDF_PageObject_ClearClips		foxit::pdf::graphics::GraphicsObject::ClearClips()	
FSPDF_PageObject_Clone		foxit::pdf::graphics::GraphicsObject::Clone()	
FSPDF_PageObject_CountClipPath		foxit::pdf::graphics::GraphicsObject::GetClipPathCount() const	
FSPDF_PageObject_CountClipText		foxit::pdf::graphics::GraphicsObject::GetClipTextObjectCount()	

5.3 C API		6.0 C++ API	
FSPDF_PageObject_DeleteClipPath		foxit::pdf::graphics::GraphicsObject::RemoveClipPath(int index)	
FSPDF_PageObject_DeleteClipText		foxit::pdf::graphics::GraphicsObject::RemoveClipTextObject(int index)	
FSPDF_PageObject_GetClipPath		foxit::pdf::graphics::GraphicsObject::GetClipPath(int index) const foxit::pdf::graphics::GraphicsObject::GetClipPathFillMode(int index)	
FSPDF_PageObject_GetClipRect		foxit::pdf::graphics::GraphicsObject::GetClipRect() const	
FSPDF_PageObject_GetClipText		foxit::pdf::graphics::GraphicsObject::GetClipTextObject(int index) const	
FSPDF_PageObject_GetColor		foxit::pdf::graphics::GraphicsObject::GetStrokeColor() const foxit::pdf::graphics::GraphicsObject::GetFillColor() const	
FSPDF_PageObject_GetGraphState		foxit::pdf::graphics::GraphicsObject::GetGraphState() const	
FSPDF_PageObject_GetLayers		foxit::pdf::graphics::GraphicsObject::GetLayers(const LayerTree& layer_tree)	
FSPDF_PageObject_GetMarkedContent		foxit::pdf::graphics::GraphicsObject::GetMarkedContent() const	
FSPDF_PageObject_GetMatrix		foxit::pdf::graphics::GraphicsObject::GetMatrix() const	
FSPDF_PageObject_GetRect		foxit::pdf::graphics::GraphicsObject::GetRect() const	
FSPDF_PageObject_GetType		foxit::pdf::graphics::GraphicsObject::GetType() const	
FSPDF_PageObject_HasTransparency		foxit::pdf::graphics::GraphicsObject::HasTransparency()	
FSPDF_PageObject_Release		foxit::pdf::graphics::GraphicsObject::Release()	
FSPDF_PageObject_SetClipRect		foxit::pdf::graphics::GraphicsObject::SetClipRect(const RectF& clip_rect)	
FSPDF_PageObject_SetColor		foxit::pdf::graphics::GraphicsObject::SetStrokeColor(ARGB color) foxit::pdf::graphics::GraphicsObject::SetFillColor(ARGB color)	
FSPDF_PageObject_SetGraphState		foxit::pdf::graphics::GraphicsObject::SetGraphState(const common::GraphState& graph_state)	
FSPDF_PageObject_SetMatrix		foxit::pdf::graphics::GraphicsObject::SetMatrix(const Matrix& matrix)	
FSPDF_PageObject_Transform		foxit::pdf::graphics::GraphicsObject::Transform(const Matrix& matrix, bool need_transform_clippath)	
FSPDF_PageObjects_CountObjects		Not Required.	
FSPDF_PageObjects_EnumerateObject		foxit::pdf::GraphicsObjects::GetFirstGraphicsObjectPosition(graphics::GraphicsObject::Type filter = graphics::GraphicsObject::e_TypeAll) const foxit::pdf::GraphicsObjects::GetNextGraphicsObjectPosition(POSITION position, graphics::GraphicsObject::Type filter = graphics::GraphicsObject::e_TypeAll) const foxit::pdf::GraphicsObjects::GetLastGraphicsObjectPosition(graphics::GraphicsObject::Type filter = graphics::GraphicsObject::e_TypeAll) const foxit::pdf::GraphicsObjects::GetPrevGraphicsObjectPosition(POSITION position, graphics::GraphicsObject::Type filter = graphics::GraphicsObject::e_TypeAll) const foxit::pdf::GraphicsObjects::GetGraphicsObject(POSITION position) const	
FSPDF_PageObjects_GenerateContents		foxit::pdf::GraphicsObjects::GenerateContent()	
FSPDF_PageObjects_GetObject		Not Required.	

5.3 C API		6.0 C++ API	
FSPDF_PageObjects_GetObjectAtPos		foxit::pdf::Page::GetGraphicsObjectAtPoint(const PointF& point, float tolerance, graphics::GraphicsObject::Type filter = graphics::GraphicsObject::e_TypeAll) const	
FSPDF_PageObjects_GetObjectIndex		Not Required.	
FSPDF_PageObjects_GetObjectListAtPos		foxit::pdf::Page::GetGraphicsObjectsAtPoint(const PointF& point, float tolerance, graphics::GraphicsObject::Type filter = graphics::GraphicsObject::e_TypeAll)	
FSPDF_PageObjects_InsertObject		foxit::pdf::GraphicsObjects::InsertGraphicsObject(POSITION position_insert_after, graphics::GraphicsObject* graphics_object)	
FSPDF_PageObjects_RemoveObject		foxit::pdf::GraphicsObjects::RemoveGraphicsObject(graphics::GraphicsObject* graphics_object)	
FSPDF_PathObject_ConvertFromTextObject		foxit::pdf::graphics::PathObject::CreateFromTextObject(const Page& page, TextObject* text_obj)	
FSPDF_PathObject_Create		foxit::pdf::graphics::PathObject::Create()	
FSPDF_PathObject_GetFillMode		foxit::pdf::graphics::PathObject::GetFillMode() const	
FSPDF_PathObject_GetPathData		foxit::pdf::graphics::PathObject::GetPathData() const	
FSPDF_PathObject_GetStrokeState		foxit::pdf::graphics::PathObject::GetStrokeState() const	
FSPDF_PathObject_SetFillMode		foxit::pdf::graphics::PathObject::SetFillMode(common::FillMode fill_mode)	
FSPDF_PathObject_SetPathData		foxit::pdf::graphics::PathObject::SetPathData(const common::Path& path_data)	
FSPDF_PathObject_SetStrokeState		foxit::pdf::graphics::PathObject::SetStrokeState(bool is_stroke)	
FSPDF_Redaction_Apply		foxit::addon::Redaction::Apply()	
FSPDF_Redaction_Mark		foxit::addon::Redaction::MarkRedactAnnot(const pdf::Page& page, const RectFArray& rects)	
FSPDF_Reference_GetReferObject		foxit::pdf::objects::PDFObject::GetDirectObject()	
FSPDF_ReflowPage_Create		foxit::pdf::ReflowPage::ReflowPage(const Page& page)	
FSPDF_ReflowPage_GetContentSize		foxit::pdf::ReflowPage::GetContentWidth() const foxit::pdf::ReflowPage::GetContentHeight() const	
FSPDF_ReflowPage_GetFocusData		foxit::pdf::ReflowPage::GetFocusData(const Matrix& matrix, const PointF& point) const	
FSPDF_ReflowPage_GetFocusPosition		foxit::pdf::ReflowPage::GetFocusPosition(const Matrix& matrix, const char* focus_data) const	
FSPDF_ReflowPage_GetMatrix		foxit::pdf::ReflowPage::GetDisplayMatrix(float offset_x, float offset_y)	
FSPDF_ReflowPage_Release		foxit::pdf::ReflowPage::~ReflowPage()	
FSPDF_ReflowPage_SetLineSpace		foxit::pdf::ReflowPage::SetLineSpace(float line_space)	
FSPDF_ReflowPage_SetSize		foxit::pdf::ReflowPage::SetScreenSize(float width, float height)	
FSPDF_ReflowPage_SetTopSpace		foxit::pdf::ReflowPage::SetTopSpace(float top_space)	
FSPDF_ReflowPage_StartParse		foxit::pdf::ReflowPage::SetParseFlags(uint32 flags) foxit::pdf::ReflowPage::StartParse(common::PauseCallback* pause = NULL)	
FSPDF_RenderContext_Create		Not Required.	
FSPDF_RenderContext_DrawSignature		N/A	
FSPDF_RenderContext_Release		Not Required.	

5.3 C API		6.0 C++ API	
FSPDF_RenderContext_SetFlags		foxit::common::Renderer::SetTransformAnnotIcon(bool is_to_transform_annot_icon) foxit::common::Renderer::SetClearType(bool is_clear_type) foxit::common::Renderer::SetPrintTextAsGraphic(bool is_to_print_text_graphic) foxit::common::Renderer::SetPrintTextAsImage(bool is_to_print_text_image) foxit::common::Renderer::SetForceDownSample(bool is_to_force_down_sample) foxit::common::Renderer::SetRenderPathThinLine(bool is_render_path_thin_line) foxit::common::Renderer::SetRenderTextAntiAliasing(bool is_render_text_antialiasing) foxit::common::Renderer::SetRenderPathAntiAliasing(bool is_render_path_antialiasing) foxit::common::Renderer::SetRenderImageAntiAliasing(bool is_render_image_antialiasing)	
FSPDF_RenderContext_SetHalftoneLimit		foxit::common::Renderer::SetForceHalftone(bool is_to_force_halftone)	Only set whether uses halftone limit, and external does not need to set limit value.
FSPDF_RenderContext_SetLayerContext		foxit::common::Renderer::SetLayerContext(const pdf::LayerContext& layer_context)	
FSPDF_RenderContext_SetMatrix		Not Required.	To be a parameter of render function.
FSPDF_RenderContext_SetOption		foxit::common::Renderer::SetColorMode(ColorMode color_mode) foxit::common::Renderer::SetMappingModeColors(ARGB background_color, ARGB foreground_color)	
FSPDF_RenderContext_StartAnnotations		foxit::common::Renderer::RenderAnnot(const pdf::annots::Annot& annot, const Matrix& matrix)	
FSPDF_RenderContext_StartFormControls		foxit::common::Renderer::SetRenderFormField(bool is_render_formfield) foxit::common::Renderer::StartRender(const pdf::Page& page, const Matrix& matrix, PauseCallback* pause = NULL)	
FSPDF_RenderContext_StartPage		foxit::common::Renderer::StartRender(const pdf::Page& page, const Matrix& matrix, PauseCallback* pause = NULL)	
FSPDF_RenderContext_StartPageAnnots		foxit::common::Renderer::SetRenderContentFlags(uint32 render_content_flags) foxit::common::Renderer::StartRender(const pdf::Page& page, const Matrix& matrix, PauseCallback* pause = NULL)	
FSPDF_RenderContext_StartPageFormControls		foxit::common::Renderer::SetRenderFormField(bool is_render_formfield) foxit::common::Renderer::StartRender(const pdf::Page& page, const Matrix& matrix, PauseCallback* pause = NULL)	
FSPDF_RenderContext_StartPageSignatures		foxit::common::Renderer::SetRenderSignature(bool is_render_signature) foxit::common::Renderer::StartRender(const pdf::Page& page, const Matrix& matrix, PauseCallback* pause = NULL)	
FSPDF_RenderContext_StartReflowPage		foxit::common::Renderer::StartRenderReflowPage(const pdf::ReflowPage& reflow_page, const Matrix& matrix, PauseCallback* pause = NULL)	
FSPDF_Security_CheckPassword		foxit::pdf::Doc::CheckPassword(const String& password) foxit::pdf::Doc::CheckPassword(const WString& password)	
FSPDF_Security_GetFoxitDRMEncryptionParamValue		foxit::pdf::DRMSecurityHandler::GetDRMValue(const char* key)	
FSPDF_Security_RegisterHandler		foxit::common::Library::RegisterSecurityCallback(const char* filter, pdf::SecurityCallback* callback)	
FSPDF_Security_SetCertificateHandler		foxit::common::Library::RegisterSecurityCallback(const char* filter, pdf::SecurityCallback* callback)	

5.3 C API		6.0 C++ API	
FSPDF_Security_SetFoxitDRMEncryptionParamValue		foxit::pdf::DRMSecurityHandler::SetDRMValue(const char* key, const WString& value)	
FSPDF_Security_SetFoxitDRMHandler		foxit::common::Library::RegisterSecurityCallback(const char* filter, pdf::SecurityCallback* callback)	
FSPDF_Security_StartCertificateEncryption		foxit::pdf::CertificateSecurityHandler::CertificateSecurityHandler() foxit::pdf::CertificateSecurityHandler::Initialize foxit::pdf::Doc::SetSecurityHandler(const SecurityHandler& handler) foxit::pdf::Doc::SaveAs or StartSaveAs	
FSPDF_Security_StartCustomEncryption		foxit::pdf::CustomSecurityHandler::CustomSecurityHandler() foxit::pdf::CustomSecurityHandler::Initialize(const CustomEncryptData& encrypt_data, const CustomSecurityCallback * callback, const char* encrypt_info = "") foxit::pdf::Doc::SetSecurityHandler(const SecurityHandler& handler) foxit::pdf::Doc::SaveAs() or StartSaveAs()	
FSPDF_Security_StartFoxitDRMEncryption		foxit::pdf::DRMSecurityHandler::DRMSecurityHandler() foxit::pdf::DRMSecurityHandler::Initialize(const DRMEncryptData& encrypt_data, const char* file_id, const String& initial_key) foxit::pdf::Doc::SetSecurityHandler(const SecurityHandler& handler) foxit::pdf::Doc::SaveAs() or StartSaveAs()	
FSPDF_Security_StartPasswordEncryption		foxit::pdf::StdSecurityHandler::StdSecurityHandler() foxit::pdf::StdSecurityHandler::Initialize(const StdEncryptData& encrypt_data, const String& user_password, const String& owner_password) foxit::pdf::Doc::SetSecurityHandler(const SecurityHandler& handler) foxit::pdf::Doc::SaveAs() or StartSaveAs()	
FSPDF_Security_StartRMSEncryption		foxit::pdf::RMSSecurityHandler::RMSSecurityHandler() foxit::pdf::RMSSecurityHandler::Initialize(const RMSEncryptData& encrypt_data, const RMSSecurityCallback* callback) foxit::pdf::Doc::SetSecurityHandler(const SecurityHandler& handler) foxit::pdf::Doc::SaveAs() or StartSaveAs()	
FSPDF_Security_UnregisterHandler		foxit::common::Library::UnregisterSecurityCallback(const char* filter)	
FSPDF_Security_VerifyFoxitDRMEncryptionParams		foxit::pdf::DRMSecurityHandler::VerifyEncryptionParams()	
FSPDF_ShadingObject_GetShading		foxit::pdf::graphics::ShadingObject::GetPDFObject() const	
FSPDF_Signature_Add		foxit::pdf::Page::AddSignature(const RectF& rect)	
FSPDF_Signature_ClearData		foxit::pdf::Signature::ClearSignedData()	
FSPDF_Signature_CountCerts		foxit::pdf::Signature::GetCertCount() const	
FSPDF_Signature_GetAppearanceFlags		foxit::pdf::Signature::GetAppearanceFlags()	
FSPDF_Signature_GetAtPos		Not Required.	Get form field or widget annot
FSPDF_Signature_GetBitmap		foxit::pdf::Signature::GetBitmap()	
FSPDF_Signature_GetCert		foxit::pdf::Signature::GetCert(int32 index) const	
FSPDF_Signature_GetContactInfo		foxit::pdf::Signature::GetKeyValue(KeyName key)	
FSPDF_Signature_GetDateTime		foxit::pdf::Signature::GetSignTime()	
FSPDF_Signature_GetDistinguishedName		foxit::pdf::Signature::GetKeyValue(KeyName key)	
FSPDF_Signature_GetDoc		foxit::pdf::Signature::GetDocument()	

5.3 C API		6.0 C++ API	
FSPDF_Signature_GetFilter		foxit::pdf::Signature::GetFilter()	
FSPDF_Signature_GetFlags		foxit::pdf::interform::Field::GetControl(0) foxit::pdf::interform::GetWidget() foxit::pdf::annots::Annot::GetFlags()	
FSPDF_Signature_GetLocation		foxit::pdf::Signature::GetKeyValue(KeyName key)	
FSPDF_Signature_GetPageIndex		foxit::pdf::interform::Field::GetControl(0) foxit::pdf::interform::GetWidget() foxit::pdf::annots::Annot::GetPage() foxit::pdf::Page::GetIndex()	
FSPDF_Signature_GetReason		foxit::pdf::Signature::GetKeyValue(KeyName key)	
FSPDF_Signature_GetSigner		foxit::pdf::Signature::GetKeyValue(KeyName key)	
FSPDF_Signature_GetState		foxit::pdf::Signature::GetState()	
FSPDF_Signature_GetSubFilter		foxit::pdf::Signature::GetSubFilter()	
FSPDF_Signature_GetText		foxit::pdf::Signature::GetKeyValue(KeyName key)	
FSPDF_Signature_InitValue		Not Required.	
FSPDF_Signature_IsSigned		foxit::pdf::Signature::IsSigned()	
FSPDF_Signature_RegisterHandler		foxit::common::Library::RegisterSignatureCallback(const char* filter, const char* sub_filter, pdf::SignatureCallback* signature_callback)	
FSPDF_Signature_Remove		foxit::pdf::Doc::RemoveSignature(const Signature& signature)	
FSPDF_Signature_ResetAppearance		Not Required.	Genarated when signing signature
FSPDF_Signature_SetAppearanceFlags		foxit::pdf::Signature::SetAppearanceFlags(uint32 appearance_flags)	
FSPDF_Signature_SetBitmap		foxit::pdf::Signature::SetBitmap(const common::Bitmap& bitmap)	
FSPDF_Signature_SetCertChain		foxit::pdf::Signature::SetCertChain(const WStringArray& cert_chain)	
FSPDF_Signature_SetContactInfo		foxit::pdf::Signature::SetKeyValue(KeyName key, const wchar_t* value)	
FSPDF_Signature_SetDateTime		foxit::pdf::Signature::SetSignTime(const DateTime& sign_time)	
FSPDF_Signature_SetDefaultContentsLength		foxit::pdf::Signature::SetDefaultContentsLength(uint32 default_length)	
FSPDF_Signature_SetDistinguishedName		foxit::pdf::Signature::SetKeyValue(KeyName key, const wchar_t* value)	
FSPDF_Signature_SetFilter		foxit::pdf::Signature::SetFilter(const char* filter)	
FSPDF_Signature_SetFlags		foxit::pdf::interform::Field::GetControl(0) foxit::pdf::interform::GetWidget() foxit::pdf::annots::Annot::SetFlags()	
FSPDF_Signature_SetIconProvider		N/A	
FSPDF_Signature_SetImage		foxit::pdf::Signature::SetImage(const common::Image& image, int frame_index) foxit::pdf::Signature::SetImage(const char* file_path, int frame_index) foxit::pdf::Signature::SetImage(const wchar_t* file_path, int frame_index)	
FSPDF_Signature_SetLocation		foxit::pdf::Signature::SetKeyValue(KeyName key, const wchar_t* value)	
FSPDF_Signature_SetReason		foxit::pdf::Signature::SetKeyValue(KeyName key, const wchar_t* value)	
FSPDF_Signature_SetSigner		foxit::pdf::Signature::SetKeyValue(KeyName key, const wchar_t* value)	
FSPDF_Signature_SetSubFilter		foxit::pdf::Signature::SetSubFilter(const char* sub_filter)	
FSPDF_Signature_SetText		foxit::pdf::Signature::SetKeyValue(KeyName key, const wchar_t* value)	

5.3 C API		6.0 C++ API	
FSPDF_Signature_StartSign		foxit::pdf::Signature::StartSign(const wchar_t* cert_path, const WString& cert_password, DigestAlgorithm digest_algorithm, const char* save_path, const void* client_data = NULL, common::PauseCallback* pause = NULL) foxit::pdf::Signature::StartSign(const wchar_t* cert_path, const WString& cert_password, DigestAlgorithm digest_algorithm, const wchar_t* save_path, const void* client_data = NULL, common::PauseCallback* pause = NULL)	
FSPDF_Signature_StartVerify		foxit::pdf::Signature::StartVerify(const void* client_data = NULL, common::PauseCallback* pause = NULL)	
FSPDF_Stream_ExportData		foxit::pdf::objects::PDFStream::ExportData(bool is_raw_data)	
FSPDF_Stream_GetData		foxit::pdf::objects::PDFStream::GetDataSize(bool is_raw_data) Foxit::pdf::objects::PDFStream::GetData(bool is_raw_data, size_t size, void* out_buffer)	
FSPDF_Stream_GetDict		foxit::pdf::objects::PDFStream::GetDictionary()	
FSPDF_Stream_ImportData		foxit::pdf::objects::PDFStream::ImportData(common::file::ReaderCallback* file_read, Filter stream_filter)	
FSPDF_Stream_SetData		foxit::pdf::objects::PDFStream::SetData(const void* buffer, size_t size)	
FSPDF_TextLink_CountLinks		foxit::pdf::PageTextLinks::GetTextLinkCount()	
FSPDF_TextLink_GetLink		foxit::pdf::PageTextLinks::GetTextLink(int index)	
FSPDF_TextLink_GetSelection		After getting TextLink, foxit::pdf::TextLink::GetURI() foxit::pdf::TextLink::GetStartCharIndex() foxit::pdf::TextLink::GetEndCharIndex() foxit::pdf::TextLink::GetRects()	
FSPDF_TextLink_Release		foxit::pdf::TextLink::~~TextLink()	foxit::pdf::TextLink::GetURI()
FSPDF_TextObject_Create		foxit::pdf::graphics::TextObject::Create()	foxit::pdf::TextLink::GetStartCharIndex()
FSPDF_TextObject_GetTextState		foxit::pdf::graphics::TextObject::GetTextState(const Page& page) const	foxit::pdf::TextLink::GetEndCharIndex()
FSPDF_TextObject_GetUnicodeString		foxit::pdf::graphics::TextObject::GetText() const	foxit::pdf::TextLink::GetRects()
FSPDF_TextObject_SetTextState		foxit::pdf::graphics::TextObject::SetTextState(const Page& page, const TextState& text_state, bool is_italic, int weight)	
FSPDF_TextObject_SetUnicodeString		foxit::pdf::graphics::TextObject::SetText(const wchar_t* text)	
FSPDF_TextPage_CountChars		foxit::pdf::TextPage::GetCharCount() const	
FSPDF_TextPage_ExportToFile		N/A	
FSPDF_TextPage_ExtractLinks		foxit::pdf::PageTextLinks::PageTextLinks(const TextPage& page)	
FSPDF_TextPage_GetCharIndexAtPos		foxit::pdf::TextPage::GetIndexAtPos(float x, float y, float tolerance) const	
FSPDF_TextPage_GetCharInfo		N/A	
FSPDF_TextPage_GetChars		foxit::pdf::TextPage::GetChars(int start = 0, int count = -1) const	
FSPDF_TextPage_GetNextCharIndexByDirection	弃用 deprecated	Not Required.	
FSPDF_TextPage_GetUnicode		N/A	
FSPDF_TextPage_Load		foxit::pdf::TextPage::TextPage(const Page& page, int flags = foxit::pdf::TextPage::e_ParseTextNormal)	

5.3 C API		6.0 C++ API	
FSPDF_TextPage_LoadWithOptions		foxit::pdf::TextPage::TextPage(const Page& page, int flags = foxit::pdf::TextPage::e_ParseTextNormal)	
FSPDF_TextPage_Release		foxit::pdf::TextPage::~~TextPage()	
FSPDF_TextPage_SelectByRange		Not Required.	
FSPDF_TextPage_SelectByRectangle		Not Required.	
FSPDF_TextPage_StartSearch		foxit::pdf::TextSearch::TextSearch(const TextPage& text_page)	
FSPDF_TextSearch_FindNext		foxit::pdf::TextSearch::FindNext()	
FSPDF_TextSearch_FindPrev		foxit::pdf::TextSearch::FindPrev()	
FSPDF_TextSearch_GetSelection		foxit::pdf::TextSearch::GetMatchRects() const foxit::pdf::TextSearch::GetMatchPageIndex() const foxit::pdf::TextSearch::GetMatchSentence() foxit::pdf::TextSearch::GetMatchSentenceStartIndex() foxit::pdf::TextSearch::GetMatchStartCharIndex() const foxit::pdf::TextSearch::GetMatchEndCharIndex() const	
FSPDF_TextSearch_Release		foxit::pdf::TextSearch::~~TextSearch()	
FSPDF_TextSelection_CountPieces		foxit::pdf::TextPage::GetTextRectCount(int start = 0, int count = -1)	
FSPDF_TextSelection_GetBBox		Not Required.	
FSPDF_TextSelection_GetChars		foxit::pdf::TextPage::GetChars(int start = 0, int count = -1) const	
FSPDF_TextSelection_GetLayerArray		Not Required.	
FSPDF_TextSelection_GetPieceCharRange		Not Required.	
FSPDF_TextSelection_GetPieceRect		foxit::pdf::TextPage::GetTextRect(int rect_index) const	
FSPDF_TextSelection_GetPieceRotation		foxit::pdf::TextPage::GetBaselineRotation(int rect_index)	
FSPDF_TextSelection_GetVisibleSelection		Not Required.	
FSPDF_TextSelection_Release		Not Required.	
FSPDF_ViewerPref_GetAreaType		foxit::pdf::DocViewerPrefs::GetViewArea() foxit::pdf::DocViewerPrefs::GetViewClip() foxit::pdf::DocViewerPrefs::GetPrintArea() foxit::pdf::DocViewerPrefs::GetPrintClip()	
FSPDF_ViewerPref_GetNonFullScreenPageMode		foxit::pdf::DocViewerPrefs::GetNonFullScreenPageMode() const	
FSPDF_ViewerPref_GetPrintCopies		foxit::pdf::DocViewerPrefs::GetPrintCopies() const	
FSPDF_ViewerPref_GetPrintRanges		foxit::pdf::DocViewerPrefs::GetPrintRange() const	
FSPDF_ViewerPref_GetPrintScale		foxit::pdf::DocViewerPrefs::GetPrintScale() const	
FSPDF_ViewerPref_GetReadingDirection		foxit::pdf::DocViewerPrefs::GetReadingDirection() const	
FSPDF_ViewerPref_GetUIVisibility		foxit::pdf::DocViewerPrefs::GetUIDisplayStatus(ViewerPref pref) const	
FSPDF_ViewerPref_SetAreaType		foxit::pdf::DocViewerPrefs::SetViewArea(Page::BoxType box_type) foxit::pdf::DocViewerPrefs::SetViewClip(Page::BoxType box_type)	

5.3 C API		6.0 C++ API	
		foxit::pdf::DocViewerPrefs::SetPrintArea(Page::BoxType box_type) foxit::pdf::DocViewerPrefs::SetPrintClip(Page::BoxType box_type)	
FSPDF_ViewerPref_SetNonFullScreenPageMode		foxit::pdf::DocViewerPrefs::SetNonFullScreenPageMode(Doc::DisplayMode display_mode)	
FSPDF_ViewerPref_SetPrintCopies		foxit::pdf::DocViewerPrefs::SetPrintCopies(int print_copies)	
FSPDF_ViewerPref_SetPrintRanges		foxit::pdf::DocViewerPrefs::SetPrintRange(const common::Range& page_range)	
FSPDF_ViewerPref_SetPrintScale		foxit::pdf::DocViewerPrefs::SetPrintScale(PrintScale print_scale)	
FSPDF_ViewerPref_SetReadingDirection		foxit::pdf::DocViewerPrefs::SetReadingDirection(bool is_left_to_right)	
FSPDF_ViewerPref_SetUIVisibility		foxit::pdf::DocViewerPrefs::SetUIDisplayStatus(ViewerPref pref, bool value)	
FSPDF_Watermark_CreateFromBitmap		foxit::pdf::Watermark::Watermark(const Doc& document, const common::Bitmap& bitmap, const WatermarkSettings& settings)	
FSPDF_Watermark_CreateFromImage		foxit::pdf::Watermark::Watermark(const Doc& document, const common::Image& image, int frame_index, const WatermarkSettings& settings)	
FSPDF_Watermark_CreateFromPage		foxit::pdf::Watermark::Watermark(const Doc& document, const Page& page, const WatermarkSettings& settings)	
FSPDF_Watermark_CreateFromText		foxit::pdf::Watermark::Watermark(const Doc& document, const wchar_t* text, const WatermarkTextProperties& properties, const WatermarkSettings& settings)	
FSPDF_Watermark_GetCount		N/A	Currently only provide foxit::pdf::Page::HasWatermark() function to confirm whether the page contains watermark.
FSPDF_Watermark_GetSize		foxit::pdf::Watermark::GetWidth() const foxit::pdf::Watermark::GetHeight() const	
FSPDF_Watermark_InsertToPage		foxit::pdf::Watermark::InsertToPage(Page page)	
FSPDF_Watermark_Release		foxit::pdf::Watermark::~~Watermark()	
FSPDF_Watermark_Remove		N/A	currently only provide foxit::pdf::Page::RemoveAllWatermarks() function to remove all of the watermarks.
FSPDF_WrapperData_Clear		Replaced by class foxit::pdf::WrapperData	
FSPDF_WrapperData_Init		Replaced by class foxit::pdf::WrapperData	