

Foxit PDF SDK for C API 8.0 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK for C API 8.0 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 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:

- The struct of **FSHTML2PDFSettingData** has been changed:

SDK 7.6:

```
struct FSHTML2PDFSettingData {  
    float page_width;  
    float page_height;  
    FS_BOOL is_to_page_scale;  
    FSRectF page_margin;  
    FSRotation rotate_degrees;  
    FS_BOOL is_convert_link;  
    FS_BOOL is_generate_tag;  
    FSHTML2PDFPageMode page_mode;  
};
```

SDK 8.0:

```
struct FSHTML2PDFSettingData {  
    float page_width;  
    float page_height;  
    FS_BOOL is_to_page_scale;  
    FSRectF page_margin;  
    FSRotation rotate_degrees;  
    FS_BOOL is_convert_link;  
    FS_BOOL is_generate_tag;  
    FSHTML2PDFPageMode page_mode;  
    FS_BOOL to_generate_bookmarks;  
};
```

- The function **FSDK_PDFPage_AddSignature1** has added a new parameter as below:

SDK 7.6:

```
FSErrorCode FSDK_PDFPage_AddSignature1(FS_PDFPAGE_HANDLE&
pdfpage_handle, const FSRectF& rect, const wchar_t* field_name, FSSignatureType
signature_type, FS_SIGNATURE_HANDLE& return_value);
```

SDK 8.0:

```
FSErrorCode FSDK_PDFPage_AddSignature1(FS_PDFPAGE_HANDLE&
pdfpage_handle, const FSRectF& rect, const wchar_t* field_name, FSSignatureType
signature_type, FS_BOOL to_check_permission, FS_SIGNATURE_HANDLE&
return_value);
```

Upgrading to version 7.6 from version 7.5

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

- In **FSActionCallback** struct, add a new callback function as below:

```
FS_WSTR (* BrowseFile0)(void* user_data, FS_BOOL is_open_dialog, const wchar_t* file_format,
const wchar_t* file_filter);
```

- Remove the enumeration member (**e_FSVerifyModeETSI**) from the enumeration **FSVerifyMode**.
- The names of some functions have been changed in version 7.6. The following table lists the functions mapping between version 7.5 and 7.6.

Struct	SDK 7.5	SDK 7.6
FSSignatureCallback	FS_BSTR (* Sign1)(void* user_data, const void* digest, FS_UINT32 digest_length, const wchar_t* cert_path, const wchar_t* cert_password, FSDigestAlgorithm digest_algorithm, void* client_data);	FS_BSTR (* Sign)(void* user_data, const void* digest, FS_UINT32 digest_length, const wchar_t* cert_path, const wchar_t* cert_password, FSDigestAlgorithm digest_algorithm, void* client_data);
	FS_BSTR (* Sign)(void* user_data, const void* digest, FS_UINT32 digest_length, FSSStreamCallback* cert_file_stream, const wchar_t* cert_password, FSDigestAlgorithm digest_algorithm, void* client_data);	FS_BSTR (* Sign1)(void* user_data, const void* digest, FS_UINT32 digest_length, FSSStreamCallback* cert_file_stream, const wchar_t* cert_password, FSDigestAlgorithm digest_algorithm, void* client_data);
FSIFX_FileStream	FS_BOOL (* ReadBlock1)(void* user_data, void* buffer, FS_INT64 offset, size_t size);	FS_BOOL (* ReadBlock)(void* user_data, void* buffer, FS_INT64 offset, size_t size);
	size_t (* ReadBlock)(void* user_data, void* buffer, size_t size);	size_t (* ReadBlock0)(void* user_data, void* buffer, size_t size);

Upgrading to version 7.5 from version 7.4

There is only one minor upgrade warning in this release when moving from version 7.4 to version 7.5:

- The struct of **FSHeaderFooter** has been changed:

SDK 7.4:

```
struct FSHeaderFooter {  
    FS_FONT_HANDLE font;  
    float text_size;  
    FS_RGB text_color;  
    FSPageNumberRange page_range;  
    FSRectF page_margin;  
    FS_BOOL has_text_shrunked;  
    FS_BOOL has_fixedsize_for_print;  
    int start_page_number;  
    FSHeaderFooterContent content;  
    FS_BOOL is_replace_font;  
};
```

SDK 7.5:

```
struct FSHeaderFooter {  
    FS_FONT_HANDLE font;  
    float text_size;  
    FS_RGB text_color;  
    FSPageNumberRange page_range;  
    FSRectF page_margin;  
    FS_BOOL has_text_shrunked;  
    FS_BOOL has_fixedsize_for_print;  
    int start_page_number;  
    FSHeaderFooterContent content;  
    FS_BOOL is_to_embed_font;  
    FS_BOOL is_underline;  
    FS_BOOL is_replace_font;  
};
```