PrintManager.GetErrorCode

```
int PrintManager.GetErrorCode();
```

Description

Returns an error code from the most recent function call.

Returns

0	No error
1	Unknown or general error
2	Invalid parameter
5	Cannot initialize Foxit PDF SDK, invalid sn or key parameter
6	File not found
7	File open error
8	Incorrect password
9	Invalid printer name

PrintManager.Init

```
int PrintManager.Init(string sn, string key);
```

Description

This function is used to initialize the print manager.

Parameters

string	sn	The serial number for Foxit PDF SDK.
string	key	The license key for Foxit PDF SDK.

Returns

0	Initialization failed
1	Success

PrintManager.SetRenderMode

```
int PrintManager.SetRenderMode(int renderMode);
```

Description

This function can used to print the pages as bitmaps rather than as vector graphics and text.

Parameters

int	renderMode	The render mode to use: 0=Vector and text (default) 1=Render as bitmap

Returns

0	Render mode was set successfully
1	The renderMode parameter was out of range

PrintManager.GetPrinterCount

```
int PrintManager.GetPrinterCount();
```

Description

Returns the number of printers.

PrintManager.GetPrinterName

```
string PrintManager.GetPrinterName(int printerIndex);
```

Description

Returns the name of the printer with the specified index. The first printer has an index of 0, and the last print has an index of one less than the value returned by the GetPrinterCount function.

Parameters

int	printerIndex	

PrintManager.GetPaperSizeCount

```
int PrintManager.GetPaperSizeCount(string printerName);
```

Description

Returns the number of paper sizes for the printer with the specified name.

Parameters

string	printerName	The name of the printer to query.

PrintManager.GetPaperSizeWidth

```
int PrintManager.GetPaperSizeWidth(string printerName, int paperIndex);
```

Description

Returns the width of the specified paper size for the printer with the specified name.

Parameters

string	printerName	The name of the printer to query.
int	paperIndex	The index of the paper type. The first paper type has an index of 0.

PrintManager.GetPaperSizeHeight

```
int PrintManager.GetPaperSizeHeight(string printerName, int paperIndex);
```

Description

Returns the height of the specified paper size for the printer with the specified name.

Parameters

string	printerName	The name of the printer to query.
int	paperIndex	The index of the paper type. The first paper type has an index of 0.

PrintManager.GetPaperSizeID

```
int PrintManager.GetPaperSizeID(string printerName, int paperIndex);
```

Description

Returns the ID of the specified paper size for the printer with the specified name. This ID can be used with the SetJobPaperSize function.

Parameters

string	printerName	The name of the printer to query.
int	paperIndex	The index of the paper type. The first paper type has an index of 0.

PrintManager.GetPaperSourceCount

```
int PrintManager.GetPaperSourceCount(string printerName);
```

Description

Returns the number of paper sources for the printer with the specified name.

Parameters

string	printerName	The name of the printer to query.

PrintManager.GetPaperSourceName

```
string PrintManager.GetPaperSourceName(string printerName, int sourceIndex);
```

Description

Returns the name of the paper source with the specified index for the printer with the specified name.

Parameters

string	printerName	The name of the printer to query.
int	sourceIndex	The index of the paper source. The first paper source has an index of 0.

PrintManager.GetPaperSourceID

```
int PrintManager.GetPaperSourceID(string printerName, int sourceIndex);
```

Description

Returns the ID of the paper source with the specified index for the printer with the specified name. This ID can be used with the SetJobPaperSource function.

Parameters

string	printerName	The name of the printer to query.
int	sourceIndex	The index of the paper source. The first paper source has an index of 0.

PrintManager.GetDefaultPrinterName

```
string PrintManager.GetDefaultPrinterName();
```

Description

Returns the name of the default printer.

PrintManager.GetDefaultPaperSize

```
int PrintManager.GetDefaultPaperSize(string printerName);
```

Description

Returns the ID of the default paper size for the specified printer.

Parameters

string	printerName	The name of the printer to query.

PrintManager.GetDefaultPaperSource

```
int PrintManager.GetDefaultPaperSource(string printerName);
```

Description

Returns the ID of the default paper source for the specified printer.

Parameters

string	printerName	The name of the printer to query.

PrintManager.PrintPDFFromFile

```
int PrintManager.PrintPDFFromFile(string pdfFileName, string pdfPassword);
```

Description

Use this function to quickly print a PDF from a file on disk to the default printer using the default settings.

Parameters

string	pdfFileName	The path and file name of the PDF file to print.
string	pdfPassword	The security password to open the specified file, if necessary.

Returns

0	File could not be printed
1	Success

PrintManager.PrintPDFFromMemory

```
int PrintManager.PrintPDFFromMemory(byte[] pdfData, string pdfPassword);
```

Description

Use this function to quickly print a PDF from a memory buffer to the default printer using the default settings. The data will be copied.

Parameters

byte[]	pdfData	A byte array containing the PDF file.
string	pdfPassword	The security password to open the specified file, if necessary.

Returns

0	File could not be printed
1	Success

PrintManager.PrintPDFFromFileToPrinter

```
int PrintManager.PrintPDFFromFileToPrinter(string pdfFileName,
    string pdfPassword, string printerName);
```

Description

Use this function to print a PDF from a file on disk to the specified printer using the default settings.

Parameters

string	pdfFileName	The path and file name of the PDF file to print.
string	pdfPassword	The security password to open the specified file, if necessary.
string	printerName	The name of the printer that the file should be printed on.

Returns

0	File could not be printed
1	Success

PrintManager.PrintPDFFromMemoryToPrinter

```
int PrintManager.PrintPDFFromMemoryToPrinter(byte[] pdfData, string pdfPassword,
    string printerName);
```

Description

Use this function to print a PDF from a memory buffer to the specified printer using the default settings. The data will be copied.

Parameters

byte[]	pdfData	A byte array containing the PDF file.
string	pdfPassword	The security password to open the specified file, if necessary.
string	printerName	The name of the printer that the file should be printed on.

Returns

0	File could not be printed
1	Success

PrintManager.NewJob

```
int PrintManager.NewJob();
```

Description

Use this function to create a new print job. The value returned is an instance of the PrintJob class with further functionality.

PrintJob.AddPDFFromFile

```
int PrintJob.AddPDFFromFile(string pdfFileName, string pdfPassword);
```

Description

Use this function to add a PDF from a file on disk to the specified print job.

Parameters

string	pdfFileName	The path and file name of the PDF file to add.
string	pdfPassword	The security password to open the specified file, if necessary.

Returns

0	File could not be added
1	Success

PrintJob.AddPDFFromMemory

```
int PrintJob.AddPDFFromMemory(byte[] pdfData, string pdfPassword);
```

Description

Use this function to add a PDF from a memory buffer to the specified print job. The data will be copied.

Parameters

byte[]	pdfData	A byte array containing the PDF file.
string	pdfPassword	The security password to open the specified file, if necessary.

Returns

0	File could not be added
1	Success

PrintJob.Begin

```
int PrintJob.Begin();
```

Description

Use this function to start printing the specified print job.

Returns

0	Print job could not be started
1	Success

PrintJob.Cancel

```
int PrintJob.Cancel();
```

Description

Use this function to cancel the specified print job.

Returns

0	Print job could not be cancelled
1	Success

PrintJob.GetStatus

```
int PrintJob.GetStatus();
```

Description

Returns the status of the specified print job.

Returns

1000	Job has started
1001	Job has been cancelled
1002	Job has completed
1003	Job is paused
1004	There is a printing error
2xxx	Printing is in progress, with the percent complete. For example, code 2025 indicates 25% complete. Code 2100 indicates 100% complete.

PrintJob.Close

```
int PrintJob.Close();
```

Description

Use this function to delete the specified print job.

Returns

0	Print job could not be cancelled
1	Success

PrintJob.SetCopies

```
int PrintJob.SetCopies(int newCopies);
```

Description

Sets the number of copies for the specified print job.

Parameters

int	newCopies	The number of copies of the document that will be printed.

Returns

0	The number of copies for the job could not be set, copies must be greater than or equal to 1
1	Success

PrintJob.SetColor

```
int PrintJob.SetColor(int newColorMode);
```

Description

Sets the color mode of the specified print job.

Parameters

int	newColorMode	The color mode to use: 1=Monochrome 2=Color

Returns

0	The color mode for the job could not be set
1	Success

PrintJob.SetDuplex

```
int PrintJob.SetDuplex(int newDuplex);
```

Description

Sets the page duplexing mode of the specified print job.

Parameters

int	newDuplex	The duplex mode to use: 0=Simplex 1=Duplex vertical 2=Duplex horizontal

Returns

0	Duplex mode could not be set
1	Success

PrintJob.SetRotation

```
int PrintJob.SetRotation(int newRotation);
```

Description

Sets the page rotation mode of the specified print job.

Parameters

int	newRotation	The page rotation: 0=Auto 1=Portrait 2=Landscape

PrintJob.SetScaling

```
int PrintJob.SetScaling(int newScaling);
```

Description

Sets the scaling mode of the specified print job.

Parameters

int	newScaling	The page scaling 0=Fit 1=Shrink oversized pages 2=Actual size 3=Custom scale

Returns

0	Scaling mode could not be set
1	Success

PrintJob.SetCustomScale

```
int PrintJob.SetCustomScale(double newCustomScalePercent);
```

Description

Sets the custom scale percent of the specified print job. The scaling should be set to "3=Custom scale" using the SetJobScaling function for a value set with this function to have an effect.

Parameters

double	newCustomScalePercent	The percentage scale to use. For example, 50.0 means 50%.

Returns

0	Custom scale could not be set, must be greater than zero
1	Success

PrintJob.SetPaperSource

```
int PrintJob.SetPaperSource(int 4, int jobID, int newPaperSourceID);
```

Description

Sets the paper source of the specified print job.

Parameters

int	4	A value returned from the **NewPrintManager** function.
int	jobID	A value returned from the **NewPrintJob** function.
int	newPaperSourceID	The paper source to use for printing. Use the GetPaperSourceID function to get an appropriate value.

Returns

0	Paper source could not be set
1	Success

PrintJob.SetPaperSize

```
int PrintJob.SetPaperSize(int newPaperSizeID);
```

Description

Sets the paper size to use for the specified print job.

Parameters

int	newPaperSizeID	The paper size to use for printing. Use the GetPaperSizeID function to get an appropriate value or use -1 for automatic paper size selection based on the size of the pages in the PDF.

Returns

0	Paper size could not be set
1	Success

PrintJob.SetPageList

```
int PrintJob.SetPageList(int documentIndex, string pageList);
```

Description

Sets the page range list of the specified print job.

Parameters

int	documentIndex	The index of the document to set the page list for. The first document has an index of 0.
string	pageList	The list of pages to print, for example "1,2-5,7".

Returns

0	Page list could not be set
1	Success

PrintJob.SetPriority

```
int PrintJob.SetPriority(int newPriority);
```

Description

Sets the priority of the specified print job.

Parameters

int	newPriority	The priority of the print job. 1 is lowest, 99 is highest.

Returns

0	Priority could not be set, must be between 1 and 99
1	Success

PrintJob.SetQuality

```
int PrintJob.SetQuality(int newQuality);
```

Description

Sets the print quality of the specified print job.

Parameters

int	newQuality	The quality to use for the print job. -1=Draft -2=Fast -3=Standard -4=High

Returns

0	Job quality could not be set
1	Success

PrintJob.SetDocumentName

```
int PrintJob.SetDocumentName(string newDocumentName);
```

Description

Sets the document name that is displayed in the printer queue for the specified print job.

Parameters

string	newDocumentName	The name for the print job to show in the print spooler.

Returns

0	Document name could not be set
1	Success

PrintJob.SetCollate

```
int PrintJob.SetCollate(int newCollate);
```

Description

Sets the collation mode of the specified print job.

Parameters

int	newCollate	The collation setting to use for the print job: 0=No collation 1=Collate pages

Returns

0	Job collate setting could not be set
1	Success

PrintJob.SetPrinter

```
int PrintJob.SetPrinter(string printerName);
```

Description

Sets the printer to use for the specified print job.

Parameters

string	printerName	The name of the printer that this print job should be printed to.

Returns

0	Job printer could not be set
1	Success

PrintJob.GetCopies

```
int PrintJob.GetCopies();
```

Description

Returns the copies setting of the specified print job.

PrintJob.GetColor

```
int PrintJob.GetColor();
```

Description

Returns the color mode of the specified print job.

PrintJob.GetDuplex

```
int PrintJob.GetDuplex();
```

Description

Returns the duplex mode of the specified print job.

Returns

1	Simplex
2	Duplex vertical
3	Duplex horizontal

PrintJob.GetRotation

```
int PrintJob.GetRotation();
```

Description

Returns the page rotation mode of the specified print job.

Returns

0	Auto
1	Portrait
2	Landscape

PrintJob.GetScaling

```
int PrintJob.GetScaling();
```

Description

Returns the scaling mode of the specified print job.

PrintJob.GetCustomScale

```
double PrintJob.GetCustomScale();
```

Description

Returns the custom scale percentage of the specified print job.

Returns

0	Fit
1	Shrink oversized pages
2	Actual size
3	Custom scale, use GetJobCustomScale to get the current value

PrintJob.GetPaperSource

```
int PrintJob.GetPaperSource();
```

Description

Returns the paper source ID of the specified print job.

PrintJob.GetPaperSize

```
int PrintJob.GetPaperSize();
```

Description

Returns the paper size ID of the specified print job.

PrintJob.GetPageListCount

```
int PrintJob.GetPageListCount(int documentIndex);
```

Description

Returns the number of pages in the page list for the specified print job.

Parameters

int	documentIndex	The index of the document to get the page list count for. The first document has an index of 0.

PrintJob.GetPageListItem

```
int PrintJob.GetPageListItem(int documentIndex, int itemIndex);
```

Description

Returns the page number with the specified index of the specified print job.

Parameters

int	documentIndex	The index of the document to get the page list item for. The first document has an index of 0.
int	itemIndex	The index of the item to set the page list for. The first item has an index of 0.

PrintJob.GetPriority

```
int PrintJob.GetPriority();
```

Description

Returns the priority of the specified print job.

PrintJob.GetQuality

```
int PrintJob.GetQuality();
```

Description

Returns the quality of the specified print job.

PrintJob.GetDocumentName

```
string PrintJob.GetDocumentName();
```

Description

Returns the document name of the specified print job.

PrintJob.GetCollate

```
int PrintJob.GetCollate();
```

Description

Returns the collation setting of the specified print job.

PrintJob.GetPrinter

```
string PrintJob.GetPrinter();
```

Description

Returns the name of the printer of the specified print job.