

Document Viewing – Java Sample Code:

The Image SDK allows the opening of the different file formats, i.e. TIFF, BMP, MODCA, PTOCA, JPEG, IOCA, GIF, ASCII, PCX, DCX, PNG, etc.

The Following method identifies how to use the Image SDK: -

[Object loadDocument\(InputStream partStream,int numberOfParts,String mimeType,InputStream annotationStream, InputStream resourceStream\)](#)

Function Details:

This Function is used for Initializes processing of a document by the Document engine

Parameter Details:

partStream: An Input Stream containing the data for the document. If the document is a multi-part document, this Input Stream contains the data for the first part of the document.

numberOfParts: The number of parts this document is composed of. This will be 1 for a single-part document.

nPartSize: The file size of first part of the document.

mimeType: The MIME content type of the first part.

annotationStream: An Input Stream containing the annotations for the document.

resourceStream: An Input Stream containing engine specific resources.

Calling of Function:

```
MSTechDocumentEngine engine;
```

```
engine.loadDocument(partStream,numberOfParts,mimeType,annotationStream,resourceStream)
```

[int getNumberOfPages\(Object hDocument\)](#)

Function Details:

Returns the number of pages in the document

Parameter Details:

hDocument - the handle of the document for which page count is required, as returned from load Document.

Calling of Function:

```
MSTechDocumentEngine engine;
```

```
engine.getNumberOfPages(hDocument) ;
```

[Object loadPage\(Object hDocument, int page\)](#)

Function Details:

Initializes the processing of loading a page within the document

Parameters Details:

hDocument: The handle of the document, as returned from load Document.

page: The index of the page. Note: The index of the first page is 0.

Calling of Function:

```
MSTechDocumentEngine engine;  
engine.loadPage(hDocument, page);
```

[Image getPageImage\(Object hPage, int rotation,double scale, boolean enhance, boolean invert, boolean withAnnotations\)](#)

Function Details:

Returns the Image object corresponding to the handle of the page specified

Parameters Details:

hPage: The handle of the page, as returned from load Page.

rotation: The rotation of the page. The parameter could have one of the following possible values:

ROTATE_0 - No rotation

ROTATE_90 - Rotate right by 90 degrees.

ROTATE_180 - Rotate 180 degrees.

ROTATE_270 - Rotate left by 90 degrees.

scale: The scale for the page (1.0 is actual size)

enhance: If true, the page would be enhanced to improve text readability if possible.

invert: If true, The image would be inverted.

Calling of Function:

```
MSTechDocumentEngine engine;  
engine.getPageImage(hPage, rotation, scale, enhance, invert, withAnnotations);
```