

Annotation – Java Sample Code:

The Annotation SDK allows the merging of the annotation with the image. Annotation SDK takes an image and .t_1 file related to the image for burning the image with annotation.

The Following method identifies how to use the Annotation 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);

`void writePage(Object hPage, int rotation, double scale, boolean enhance, boolean invert, boolean withAnnotations, OutputStream output, String destMimeType)`

Function Details:

Writes the page to an output stream in the specified format

Parameter Details:

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

rotation: The rotation of the page. One of the constants ROTATE_0, ROTATE_90, ROTATE_180, or ROTATE_270.

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

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

invert: if true, the image should be color inverted.

output: The stream to write the page to.

destMimeType: The MIME content type for the format that the page is to be saved.

Calling of Function:

MSTechDocumentEngine engine;

engine. writePage(hPage, rotation, scale, enhance, invert, withAnnotations, output, destMimeType);