

## Converting – Java Sample Code:

Converter one file format to another file format, i.e. Tiff, MODCA, PTOCA, JPEG, IOCA, GIF and PDF etc

The following method identifies how to use the Converter SDK: -

`void loadAndConvert(String source,String destination,boolean isann)`

### Function Details:

This function is to convert one file to another specific file format.

### Parameter Details:

Source: The source identify the source file name of document for conversion

Destination: The destination is identify the destination file name of the document

Isann: An isann identify the annotation is burned with image or not

### Calling of Function:

Converter convert;

convert. loadAndConvert(source, destination, isann)

`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.

MSTechDocumentEngine engine;

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

[void writeDocument\(Object hDocument,String destMimeType,utputStream output\)](#)

**Function Details:**

Writes the document to an output stream, in the specified format.

**Parameter Details:**

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

destMimeType: The MIME content type for the format that the document is to be written.

Output: The output stream where the document is written.

**Calling of Function:**

```
MSTechDocumentEngine engine;
```

```
engine. writeDocument(hDocument,destMimeType, output);
```