

## Viewing Documents – C++ Sample Codes:

### For Image Loading\Viewing :

```
IImageDec* pImageDec = NULL;
PAGEINFO* pPageInfo;
pPageInfo = new PAGEINFO;

LOADIMAGE(srcFilePath,pImageDec);
pImageDec->GetTotalPages(&nTotalPages );
pImageDec->LoadPage( nPageNo , pPageInfo);
SelectObject(hDC, pPageInfo->hBitmap);
```

### For Saving/Converting the Image :

```
#define SAVE_BITMAP;
#define SAVE_IOCA;
#define SAVE_MODCA;
#define SAVE_MODCA_SINGLE_IMAGE;
#define SAVE_MODCA_FORM;
#define SAVE_JPEG;
#define SAVE_PDF;
#define SAVE_TIFF;
#define SAVE_TIFF_SINGLE_STRIP;
#define SAVE_ASCII;
#define SAVE_GIF

--

int nOutFileType = SAVE_PDF
SAVEIMAGE(pHBitmap,destFilePath,nOutFileType,nTotalPages,&nError)
```

### For Compressing Images:

```
#define COMPRESSION_JPEG;
#define COMPRESSION_HUFFMAN;
#define COMPRESSION_CCITTG3;
#define COMPRESSION_CCITTG4;
#define COMPRESSION_LZW;
#define COMPRESSION_BMP_RLE;
#define COMPRESSION_PACKEDBITS:

--

BYTE* pCompData = new BYTE[nSize];
memset(pCompData , 0 ,nSize);

int* nCompDataSize = new int;
*nCompDataSize = 0;
```

```
int nCompressionType = COMPRESSION_BMP_RLE;

COMPRESS(hBitmap,pCompData , nCompressionType ,nCompDataSize,&nError);
```

### **For Printing Image:**

```
IImagePrint* pImagePrint =NULL;
PRINTIMAGE(pImagePrint)

PRINTINFO* pPrintInfo;
pPrintInfo = new PRINTINFO;

pPrintInfo->hPreviewDc    = pDC->m_hDC;
pPrintInfo->hPrintBitmap  = hBitmap;
pPrintInfo->PreviewRect   = pInfo->m_rectDraw;
pPrintInfo->nCurPageNo    = pInfo->m_nCurPage;
pPrintInfo->pFont          = NULL;
pPrintInfo->bDrawBorder    = true;
pPrintInfo->bDrawPageNo   = true;

pImagePrint->PrintImage(pPrintInfo);
```