## CsdSaveImageEx

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| ***Description:*** | Save image in memory to a file. This function is similar to the CsdSaveImage function. However, this function also allows you to specify compression type and compression quality. |
| ***Syntax:*** | INT32 WINAPI CsdSaveImageEx(LPCEIIMAGEINFO ceiimageinfo, LPCEIIMAGEFILEINFO lpiFile, LPCSTR szFileName) |
| ***Category:*** | Image |
| ***Supported by:*** | CR-55, CR-180, CR-25, CR-180II, CR-135i, CR-190i |
| ***Parameters:*** | ceiimageinfo Pointer to CEIIMAGEINFO structure (see the "Structures" section for details)lpiFile Pointer to CEIIMAGEFILEINFO structure szFileName File nameCEIIMAGEFILEINFO has the following structure.typedef struct tagCEIIMAGEFILEINFO { size\_t cbSize; /\* Size of CEIIMAGEFILEINFO \*/ long nFileType; /\* File format \*/ long nCompType; /\* Compression type \*/ long nPage; /\* Page \*/ long nJpegQuality; /\* Quality of JPEG compression \*/} CEIIMAGEFILEINFO, \*LPCEIIMAGEFILEINFO;Members nFileType CSD\_TIFF\_FILE TIFF file format CSD\_JPEG\_FILE JPEG file format CSD\_BMP\_FILE BMP file format nCompType CSD\_COMP\_NONE No compression. Used only if nFileType is CSD\_TIFF\_FILE or CSD\_BMP\_FILE. CSD\_COMP\_MMR MMR compression. Used only if nFileType is CSD\_TIFF\_FILE. CSD\_COMP\_JPEG JPEG compression. Used only if nFileType is CSD\_TIFF\_FILE or CSD\_JPEG\_FILE. nPage nPage can be used only for TIFF file. If nPage is zero, the file is overwritten with the image. If nPage is -1, the page is added to the end of the multi-page tiff file.  nJpegQuality Used only if nCompType is CSD\_COMP\_JPEG. Valid values are : 0 to 100. 75 is recommended. |
| ***Returned value:*** | CSD\_OK if this function executes successfully |
| ***Example:*** | CEIIMAGEFILEINFO info;info.cbSize = sizeof(info);info. nFileType = CSD\_TIFF\_FILE;info.nCompType = CSD\_COMP\_JPEG;info.nPage = -1;info.nJpegQuality = 75;CsdSaveImageEx (&img, &info , "c:\\image\\test.tif"); |
| ***Note:*** | This function requires that the following DLLs be in the same directory of CanoCrop.dll or CanonCr.dll or in the system directory.CeiOwIFile.dllCeiOwTiff.dllCeiOwJpeg.dll |

Example in VB of saving a image :

 Dim status As Long

 status = CsdReadPage(img)

 If status <> CSD\_OK Then

 If status <> CSD\_NOPAPER Then MsgBox status

 Exit Do

 End If

 ' Displaying image on View control

 CsdParSet CSDP\_DISPLAY\_VIEW\_FRONT, VarPtr(img)

 ' Save image to files

 Dim file As CEIIMAGEFILEINFO

 Dim FileName As String

 file.cbSize = Len(file)

 file.nFileType = CSD\_BMP\_FILE

 file.nCompType = CSD\_COMP\_NONE

 Page = Page + 1

 FileName = "sample" & CStr(Page) & ".bmp"

 CsdSaveImageEx img, file, FileName

 CsdReleaseImage img