
Subject: Re: how do I create an image file from an object graphics window?

Posted by [stef](#) on Tue, 27 Jul 2004 17:17:00 GMT

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Hello Holger

The following code snippets might help you. The input argument is the object graphic window object. Depending on the chosen file ending it creates a JPEG, PNG or TIFF image from the object window. If you want higher quality (e.g. for printing, change the dimensions arguments to a higher value)

Also, below are the procedure I use to copy the image to the clipboard, one is for BMP, the other for Vector output. (Can be easily copied into MS Word or Powerpoint)

Hope this helps,
Stefan

```
PRO CV_Save_Image, window_o
  filters = [['*.jpg', '*.png', '*.tif'], $
    ['JPG', 'PNG (lossless)', 'TIF']]
  filename = DIALOG_PICKFILE(/WRITE, FILTER = filters,
/OVERWRITE_PROMPT, DEFAULT_EXTENSION='JPG')
  print, filename
  IF (filename) THEN BEGIN
    image_o=OBJ_NEW('IDLgrImage')
    image_o->Read()
    image_o->GetProperty, DATA=image_data
    extension=STRLOWCASE(STRMID(filename,STRLEN(filename)-4,4))
    CASE extension OF
      '.jpg': WRITE_JPEG, filename, image_data, TRUE=1
      '.png': WRITE_PNG, filename, image_data
      '.tif': WRITE_TIFF, filename, Reverse(image_data,3)
      ELSE: ;do nothing
    ENDCASE
    Obj_Destroy, image_o
  ENDIF
END
```

```
PRO CV_CopyClipboardBMP, window_o
  window_o->GetProperty, GRAPHICS_TREE=view_o
  window_o->GetProperty, DIMENSIONS=dimensions

  clipboard_o= OBJ_NEW('IDLgrClipboard', QUALITY = 2,
DIMENSIONS=dimensions)
  clipboard_o->Draw, view_o
  Obj_Destroy, clipboard_o
```

END

```
PRO CV_CopyClipboardVector, window_o
  window_o->GetProperty, GRAPHICS_TREE=view_o
  window_o->GetProperty, DIMENSIONS=dimensions

  clipboard_o= OBJ_NEW('IDLgrClipboard', QUALITY = 2,
DIMENSIONS=dimensions)
  clipboard_o->Draw, view_o, /VECTOR
  Obj_Destroy, clipboard_o
END
```

holgi0251@lycos.de (Holger B.) wrote in message
news:<2c8cff70.0407222221.1f90f37d@posting.google.com>...

> Hi,

>

> I want to save the RGB-image displayed in an object graphics window
> (IDLgrWindow) in a TIFF or JPEG file. When I use TVRD to copy the
> image from the window, the resulting image is empty. My impression is,
> that TVRD does not work with object graphics.

> My question: how do I create an image file from an object graphics
> window?

>

> Thanks,

> Holger