
Subject: Re: cgPS_Open crash

Posted by [Matthew Argall](#) on Sun, 12 Feb 2017 01:06:01 GMT

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I have run into this problem before. cgPS_Config is a wrapper for the FSC_PSConfig object, but the two are not 100% compatible (cgPS_Open calls cgPS_Config). I created my own version of both so that they work better together. These are my notes on some of my "fixes".

Your particular problem stems from the fact that the ::Init and ::SetProperties methods of FSC_PSConfig do not accept the LANGUAGE_LEVEL keyword.

Note that these notes are from quite a while ago, so the real cg programs may have diverged a bit.

CGPS_CONFIG

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;   PAGETYPE is no longer included in the output structure because it is not accepted
;   by the DEVICE procedure. Use the PAGETYPE keyword instead. Renamed the ISOLATIN
;   keyword to ISOLATIN1. Abbreviated keyword still works.
;   If PSOBJECT is passed in, its properties will be set. Useful with the MATCH
;   keyword.
```

FSC_PSCONFIG

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;   Font styles and font names are not reset every time the SetProperty method is called.
;   SetProperty will set CMYK, ENCAPSULATED, ISOLATIN, LANDSCAPE, METRIC,
;   TRUETYPE
;   properties. Added the LANGUAGE_LEVEL, FONT_SIZE, PORTRAIT, and TT_FONT
;   keywords
;   to the Init and SetProperty methods so that they work with the DEVICE, cgPS_Open,
;   and cgPS_Config. Removed the PAGETYPE and FONTTYPE fields from structure returned
;   by GetKeywords because they are not accepted by the DEVICE procedure. Renamed
;   ISOLATIN to ISOLATIN1 (abbreviated keyword still works).
;   Correctly convert to and from IDL [xy]offsets to offsets from the lower left corner.
;   Added the SANE_OFFSETS keyword to the GetKeywords method in case you want to
;   pass the keyword structure to cgPS_Open or cgPS_Config.
```

CGPS_OPEN

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;   PAGETYPE is returned as a keyword from cgPS_Config.
;   Added the SET_FONT keyword as well as logic checking of TT_FONT for compatability
```

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;      with Device and FSC_PSCConfig. Was passing a file path instead of the basename  
;      to cgPS_Config. Fixed. Added the pagetype keyword because it is no longer  
;      returned by FSC_PSCConfig.
```

CGPS_CLOSE

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;      Do not automatically delete the intermediate post script file if DELETE_PS is  
;      explicitly set to 0.
```
