
Subject: Re: writing text files with OPENW and PRINTF

Posted by [daevu](#) on Tue, 02 May 2006 20:13:01 GMT

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Ok the solution for me was:

download the tool called dos2unix from <http://www.bastet.com/>,
run(Spwan) it over the parameter file... and I was happy

D.

daevu schrieb:

> Folks...

>

> Writing an input parameter file under windows for an external tool
> became my main easter occupation: Attached two parameter files:
> works.prm and dontwork.prm, both have the exact same content, but opened
> in notepad.exe the works.prm is all on one line, but it contains a
> carriage return informations can be seen if opened eg. in MSWord.
> I tried to create a file with the same information using the code below,
> and end up with the file dontwork.prm: it looks exactly like the
> works.prm but will not be read by the external program (its the HEG tool
> to convert MODIS data actually)

>

>

> - which format does the dontwork.prm have? obviously not standard MS-DOS
> - are there ways to write in IDL under windows non MS-DOS formatted
> text files?

>

> OPENU,LUN,'c:\dontwork.prm',/Get_lun

> PRINTF,lun,"

> PRINTF,lun,'NUM_RUNS = 1'

> PRINTF,lun,"

> PRINTF,lun,FORMAT = '("NUM_RUNS = 1")'

> PRINTF,lun,FORMAT = '("BEGIN")'

> PRINTF,lun,FORMAT = '("NUMBER_INPUTFILES = 2")'

> PRINTF,lun,FORMAT = '("INPUT_FILENAMES

> V:\modis\MOD13A1.A2005209.h18v03.004.2005232155359.hdf|V:\mo
dis\MOD13A1.A2005209.h18v04.004.2005233002951.hdf ")'

>

> PRINTF,lun,FORMAT = '("OBJECT_NAME = MODIS_Grid_16DAY_500m_VI")'

> PRINTF,lun,FORMAT = '("FIELD_NAME = 500m 16 days NDVI")'

> PRINTF,lun,FORMAT = '("BAND_NUMBER = 1")'

> PRINTF,lun,FORMAT = '("SPATIAL_SUBSET_UL_CORNER = (59.999999995 0.0)")'

> PRINTF,lun,FORMAT = '("SPATIAL_SUBSET_LR_CORNER = (39.999999996

> 19.999999995)")'

> PRINTF,lun,FORMAT = '("OUTPUT_OBJECT_NAME = MODIS_Grid_16DAY_500m_VI")'

> PRINTF,lun,FORMAT = '("OUTGRID_X_PIXELSIZE = 463.312717")'


```

> OUTPUT_TYPE = GEO
> RESAMPLING_TYPE = BI
> OUTPUT_PROJECTION_TYPE = GEO
> OUTPUT_PROJECTION_PARAMETERS = ( 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 )
> END
>
>
>
> -----
>
>
> NUM_RUNS = 1
>
> BEGIN
> NUMBER_INPUTFILES = 2
> INPUT_FILENAMES = V:\modis\MOD13A1.A2005209.h18v03.004.2005232155359.hdf|V:\mo
dis\MOD13A1.A2005209.h18v04.004.2005233002951.hdf
> OBJECT_NAME = MODIS_Grid_16DAY_500m_VI|
> FIELD_NAME = 500m 16 days NDVI|
> BAND_NUMBER = 1
> SPATIAL_SUBSET_UL_CORNER = ( 59.999999995 0.0 )
> SPATIAL_SUBSET_LR_CORNER = ( 39.999999996 19.999999995 )
> OUTPUT_OBJECT_NAME = MODIS_Grid_16DAY_500m_VI|
> OUTGRID_X_PIXELSIZE = 463.312717
> OUTGRID_Y_PIXELSIZE = 463.312717
> OUTPUT_FILENAME =
V:\modis\MOD13A1.A2005209.h18v03.004.2005232155359_MODIS_Grid_16DAY_500m_VI.tif
> SAVE_STITCHED_FILE = NO
> OUTPUT_STITCHED_FILENAME =
V:\modis\MOD13A1.A2005209.h18v03.004.2005232155359_MODIS_Grid_16DAY_500m_VI_stitched_.hdf
> OUTPUT_TYPE = GEO
> RESAMPLING_TYPE = BI
> OUTPUT_PROJECTION_TYPE = GEO
> OUTPUT_PROJECTION_PARAMETERS = ( 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 )
> END
>

```
