
Subject: Re: programmatically compile a procedure without a .pro extension
Posted by [wlandsman](#) on Mon, 26 Aug 2013 03:23:53 GMT
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Heinz,

Thanks. That is an elegant use of CATCH.

I still have mild trepidation about requiring an arbitrary user to have write access to a disk. But I've never had any problem using IDL_TMPDIR as a scratch writeable directory, so I should probably stop worrying. --Wayne

On Sunday, August 25, 2013 8:10:37 AM UTC-4, Heinz Stege wrote:

> If you don't want to get a .pro file by renaming (or making a copy of)
>
> the .bak file, you can do something like the following. The routine
>
> below creates a temporary .pro file and includes the files with other
>
> extensions by use of the @ include file character:

>
>
>
> pro compile,filenames
>
> ;
>
> tempfile='compile_temp'
>
> openw,lun,/get_lun,tempfile+'.pro'
>
> printf,lun,'@'+filenames,form='(a)'
>
> free_lun,lun
>
> ;
>
> catch,error
>
> if ~error then resolve_routine,tempfile
>
> catch,/cancel
>
> ;
>
> end
>

>
>
> The catch statement suppresses an error message from the compiler,
>
> that there is no compile_temp routine.
>
>
>
> Note that you can specify the filenames by a string array, if you want
>
> to compile more than one file.
>
>
>
> Cheers, Heinz
