Subject: Re: duplicate .pro filenames
Posted by R.Bauer on Sun, 15 Sep 2002 10:05:52 GMT
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Johnny Lin wrote:

> hi all,
>
> i was trying to find a routine that would tell me whether or not there
> were any duplicate *.pro files defined among the directories in my
> !PATH, and since i couldn't find one (though i found routines that were
> similar in function) i thought i'd just write one. if you're interested
> it's at:
>
>   http://www.johnny-lin.com/idl_code/duplicate_pro.pro
>
> unfortunately it's only been tested on unix and doesn't look into the
> files to find hidden utility routines (nor can it search for idl built-in
> routines...if someone knows how to program that in, would be much obliged
> for any help you could give) but just thought i'd mention it in case it's
> of use to anyone.
>
> best,
> -Johnny

Dear Johnny

here is my solution it should run on each platform.
I am sorry it looks very short because we do prefer many small
functions which could be used later on different projects too.
The names are always choosen (hopefully) what's they are doing or
what`s the result is.

pro dupl

f=file_search(expand_path(!path,/ARRAY),'*.pro')
fpe=file_path_name_ext(f)
result=arr_equal(fpe.name,/sort)
print,result

end

The routines file_path_name_ext and arr_equal are from our library.
I believe both are for others useful too.
file_search is a replacement for findfile. You can found the help text by
Bens help tool or in the whats new description. expand_path is the idl

routine which expands pathes.

 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl
 _html/dbase/download/file_path_name_ext.tar.gz
 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl _html/dbase/download/arr_equal.tar.gz

or as idl5.5 binary

 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl
 _html/dbase/download/file_path_name_ext.sav
 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl _html/dbase/download/arr_equal.sav

For further routines and licensing please have a loot at.
 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html

best regards

Reimar

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Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
http://www.fz-juelich.de/icg/icg-i/
 == ======
a IDL library at ForschungsZentrum Juelich
 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html

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Subject: Re: duplicate .pro filenames
Posted by R.Bauer on Sun, 15 Sep 2002 10:14:23 GMT
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Dear Johnny

If you are interested where are the routines which are duplicated
you can add following lines

 ix=which_indices(fpe.name,result)
 print,fpe[ix].path+' -> '+fpe[ix].name

 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl
 _html/dbase/download/which_indices.tar.gz

 or as idl5.5 binary

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl _html/dbase/download/which_indices.sav

Reimar

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Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
http://www.fz-juelich.de/icg/icg-i/
 === ======
a IDL library at ForschungsZentrum Juelich
 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html

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Subject: Re: duplicate .pro filenames
Posted by air_jlin on Mon, 16 Sep 2002 18:03:48 GMT
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hi Reimar,

thanks much for the help!

best,
-Johnny