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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](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/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](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/file_path_name_ext.sav)

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/arr\\_equal.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 look at.

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

best regards

Reimar

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Forschungszentrum Juelich

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<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at Forschungszentrum Juelich

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)