
Subject: Re: selfcreating filenames for putput files?
Posted by [Paul Van Delst\[1\]](#) on Fri, 02 Apr 2004 16:22:44 GMT
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Thomas Nehls wrote:

> hi there,
>
> I created a pro with which I can compute a list of different images. As
> a result of the computation I want to save the results in a File,
> which's name should consist of the name of the input-file and a suffix
> indicating which result it is. File is a variable which contains
> already the filename of the input-file.
>
> like:
>

```
write_tiff, file + '_1st_PC.tif', computed_image, ORIENTATION=2
```

or, if you want to use the output filename somewhere else,

```
outputfile = file + '_1st_PC.tif'  
write_tiff, outputfile, computed_image, ORIENTATION=2
```

Subject: Re: selfcreating filenames for putput files?
Posted by [btt](#) on Fri, 02 Apr 2004 16:51:47 GMT
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Paul Van Delst wrote:

> Thomas Nehls wrote:
>
>> hi there,
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>> I created a pro with which I can compute a list of different images.
>> As a result of the computation I want to save the results in a File,
>> which's name should consist of the name of the input-file and a suffix
>> indicating which result it is. File is a variable which contains
>> already the filename of the input-file.
>>
>> like:
>>
> write_tiff, file + '_1st_PC.tif', computed_image, ORIENTATION=2
>
> or, if you want to use the output filename somewhere else,
>
> outputfile = file + '_1st_PC.tif'
> write_tiff, outputfile, computed_image, ORIENTATION=2

>

Or, if you are in a loop...

For i = 0L, nResults-1 Do Begin

...doStuff...

```
outputfile = file + StrTrim(i,2) + '_PC.tif'
write_tiff, outputfile, computed_image, ORIENTATION=2
```

EndFor

Subject: Re: selfcreating filenames for putput files?
Posted by [R.Bauer](#) on Fri, 02 Apr 2004 23:55:00 GMT
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Thomas Nehls wrote:

> hi there,
>
> I created a pro with which I can compute a list of different images. As
> a result of the computation I want to save the results in a File,
> which?s name should consist of the name of the input-file and a suffix
> indicating which result it is. File is a variable which contains
> already the filename of the input-file.
>
> like:
>
> write_tiff, file and "_1st_PC.tif", computed_image, ORIENTATION=2
>
> How can I connect the changing variable file with the constant suffix
> "_1st_PC.tif" ?
>
> Thank you very much!
> Tom

Welcome Thomas,

there are two possibilities

```
print, strjoin([file, '1st_PC.tif'], '_')
print, file + '_1st_PC.tif'
```

It is better to use a single quote ' because the double quote is used to format numbers to octal numbers "10 is 8.

Reimar

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<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
