
Subject: Re: current directory
Posted by [R.Bauer](#) on Sun, 02 Mar 2003 08:27:00 GMT
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David Fanning wrote:

```
> Ulf-Dietrich Braumann (braumann@izbi.uni-leipzig.de) writes:
>
>> Ok, the very scaring solution (which in fact also runs under IDL5.0)
>> comes here (just before I go home now ...):
>
> Wow. That could be useful. :-)
>
> Here is the program stripped of some control characters
> that got embedded somehow when you sent it:
```

Here is an other version to make it more readable.

I like using functions to get code more readable.
within brackets is a routine which could solve a lot of extraction problems.
one other is within_delimiter which you find in the library too

file_path_name_ext is used to extract from a given file location it's path
it's name and it's extension.

```
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl
_html/dbase/download/within_backets.tar.gz
or as idl binary
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl
_html/dbase/download/within_brackets.sav
```

```
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl
_html/dbase/download/file_path_name_ext.tar.gz
or as idl binary
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl
_html/dbase/download/file_path_name_ext.sav
```

```
PRO Tester
Help, Calls=callStack
  r=within_brackets(callStack[0],brackets=['<','()']
  fpe=file_path_name_ext(r)
  print,fpe.path
END
```

best regards

Reimar

```
>
> PRO Tester
> Help, Calls=callStack
> thisRoutine = (Str_Sep(StrCompress(callStack[0])," "))[0]
> callingRoutine = (Str_Sep(StrCompress(callStack[1])," "))[0]
> Print, 'In ' + thisRoutine + ', which is called by ' + $
>   callingRoutine + '!'
> thisRoutine = StrLowerCase(thisRoutine) + '.pro'
> thePath=strmid(StrMid(callStack[0], 0, $
>   StrPos(callStack[0],thisRoutine)), $
>   StrPos(StrMid(callStack[0], 0, $
>   StrPos(callStack[0],thisRoutine)), '<')+1, $
>   StrLen(StrMid(callStack[0], 0, $
>   StrPos(callStack[0],thisRoutine))) - $
>   StrPos(StrMid(callStack[0], 0, $
>   StrPos(callStack[0],thisRoutine)), '<'))
> Print, 'The file "' + thisRoutine + '" is in this directory: ' + thePath
> END
>
> Remember (those of you who faithfully update your
> IDL version), this requires the obsolete STR_SEP
> function. :-)
>
> Cheers,
>
> David
```

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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
