
Subject: Re: extracting all but...

Posted by [R.Bauer](#) on Sat, 19 Nov 2005 23:12:22 GMT

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David Fanning wrote:

```
> Reimar Bauer writes:
>
>> idl has in idl6.0 introduced two routines FILE_BASENAME and FILE_DIRNAME.
>> There is no builtin routine to separate the extension - unfortunately.
>
> Well, I'll offer up FSC_BASE_FILENAME, which can give you the
> directory, the filename, and the extension all in one go:
>
> ; EXAMPLE:
> ;
> ; IDL> thePath = "C:\rsi\idl7.8\lib\jester.pro"
> ; IDL> Print, FSC_Base_Filename(thePath, Directory=dir,Extension=ext)
> ;      jester
> ; IDL> Print, dir
> ;      C:\rsi\idl7.8\lib\
> ; IDL> Print, ext
> ;      pro
>
> You can find it here:
>
> http://www.dfanning.com/programs/fsc_base_filename.pro
>
> Cheers,
>
> David
```

David,

your routine does not get the extension on this example in opposite of Theos
file_path_name_ext which works on windows and unix.

FSC_Base_Filename drops the dot :-(

```
IDL> thePath = '../.profile'
IDL> Print, FSC_Base_Filename(thePath, Directory=dir,Extension=ext)
% Compiled module: FSC_BASE_FILENAME.
% Compiled module: PATH_SEP.
% Compiled module: STRSPLIT.
profile
IDL> fpe=file_path_name_ext(thePath)
% Compiled module: FILE_PATH_NAME_EXT.
% Compiled module: REPLACE_STRING.
```

```
IDL> print,fpe.path
../
IDL> print,fpe.name

IDL> print,fpe.ext
.profile
```

cheers
Reimar
