
Subject: Re: Q: routine name case sensitivity on unix
Posted by [Mirko Vukovic](#) on Fri, 22 Oct 1999 07:00:00 GMT
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In article <7uq3nv\$o6q@post.gsfc.nasa.gov>,
thompson@orpheus.nascom.nasa.gov (William Thompson) wrote:
> Mirko Vukovic <mvukovic@taz.telusa.com> writes:
>
>> I wrote a bunch of routines on windows that a fellow is trying
>> to run on unix. It seems (according to him), that if
>> IDL encounters an un-compiled routine, it tries to find it,
>> but then the case has to match. That can be a problem if
>> the code refers to routine Xyz, which is stored in XYZ.pro. It seems
>> that Unix (I think he is on Linux) machines cannot make the
connection
>> between the two.
>
> That's almost correct. IDL doesn't actually pay attention to the case
used in
> an IDL statement. Routine Xyz can also be referred to as xyz, XYZ,
xYz, etc.
> When it's looking for this routine in the path, it always assumes that
the
> routine is stored in a file with all lowercase characters, i.e.
"xyz.pro".
> On the Unix machine, simply change all your filenames to lowercase,
and you
> should be all set.
>
> The only practical way to compile a routine stored in a mixed case
filename is
> to use .run which is case-sensitive, e.g. ".run XYZ.pro".
>
> William Thompson
>

hmmm, do you know of a good way to rename all routines in a
directory to lower case? I presume it would involve pipes,
ls, grep, etc, but don't have the time to figure it all out now.

tia,

Mirko

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Posted by [thompson](#) on Fri, 22 Oct 1999 07:00:00 GMT
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That's almost correct. IDL doesn't actually pay attention to the case used in an IDL statement. Routine Xyz can also be referred to as xyz, XYZ, xYz, etc. When it's looking for this routine in the path, it always assumes that the routine is stored in a file with all lowercase characters, i.e. "xyz.pro". On the Unix machine, simply change all your filenames to lowercase, and you should be all set.

The only practical way to compile a routine stored in a mixed case filename is to use .run which is case-sensitive, e.g. ".run XYZ.pro".

William Thompson

Subject: Re: Q: routine name case sensitivity on unix
Posted by [mallors](#) on Sat, 23 Oct 1999 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

[Posted and mailed]

In article <[7uqsir\\$1q\\$1@nnrp1.deja.com](mailto:7uqsir$1q$1@nnrp1.deja.com)>,
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>

```
#!/bin/sh  
#  
# Rename all files in the current directory to lower case.
```

```
for file in *; do  
  mv $file `echo $file | tr '[A-Z]' '[a-z]`  
done
```

