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

Sent via Deja.com http://www.deja.com/ Before you buy.

Subject: Re: Q: routine name case sensitivity on unix Posted by thompson on Fri, 22 Oct 1999 07:00:00 GMT

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Mirko Vukovic <mvukovic@taz.telusa.com> writes:

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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

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[Posted and mailed]

```
In article <7uqsir$n1q$1@nnrp1.deja.com>,
Mirko Vukovic <mvukovic@taz.telusa.com> writes:

> 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.
>

#!/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
```

```
--EOF
Make sure you use the correct type of quotes.
Regards,
-bob
Robert S. Mallozzi
                                       256-544-0887
                               Mail Code SD 50
Work: http://gammaray.msfc.nasa.gov/ Marshall Space Flight Center
Play: http://cspar.uah.edu/~mallozzir/ Huntsville, AL 35812
Subject: Re: Q: routine name case sensitivity on unix
Posted by m218003 on Mon, 25 Oct 1999 07:00:00 GMT
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In article <7usou7$s6q$1@hammer.msfc.nasa.gov>,
mallors@msfc.nasa.gov (Robert S. Mallozzi) writes:
>
> In article <7uqsir$n1q$1@nnrp1.deja.com>,
  Mirko Vukovic <mvukovic@taz.telusa.com> writes:
>>
>> hmmm, do you know of a good way to rename all routines in a
>> directory to lower case? I presume it would involve pipes,
>> Is, grep, etc, but don't have the time to figure it all out now.
>>
you can turn on the case flag when ftp'ing your routines from
the PC to the unix system.
Martin.
[[ Dr. Martin Schultz Max-Planck-Institut fuer Meteorologie
             Bundesstr. 55, 20146 Hamburg
\prod
             phone: +49 40 41173-308 or 416
\prod
                                                  []
                                              [[
             fax: +49 40 41173-298
[[ martin.schultz@dkrz.de
                                              [[
```