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