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Environment Modules

Manage your shell environment variables and aliases

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Re: [Modules] modulefiles loops

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From: Mark Lakata <mark@la...> - 2011-04-04 16:25:34

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Hi,

As a side note, you should not put conditional logic in your module file unless you are doing something very strange. The module command will automatically do all the conditional logic of loading. For example, if you have 'module load foo' in your module file 'bar', then when you type 'module unload bar', it will automatically do 'module unload foo'.

I would change your module file to look like this:

```
module load 4.5.2/basic
module load 4.5.2/openmpi/1.4.3

set fftw_path /usr/local/gcc/4.5.2/fftw/3.2.2
prepend-pathPATH$fftw_path/bin
prepend-pathLD_LIBRARY_PATH      $fftw_path/lib
prepend-path--delim " "CFLAGS"-I$fftw_path/include"
prepend-path--delim " "CXXFLAGS"-I$fftw_path/include"
prepend-path--delim " "LDFLAGS"-I$fftw_path/lib"
prepend-pathMANPATH              $fftw_path/share/man
```

-Mark

On 4/4/2011 3:45 AM, Giuseppe Aprea wrote:

```
> if [module-info mode load] {
> set this_module [module-info name]
> if [is-loaded $this_module] {exit}
>
> if ![is-loaded 4.5.2/basic] { module load 4.5.2/basic }
> if ![is-loaded 4.5.2/openmpi/1.4.3] { module load 4.5.2/openmpi/1.4.3 }
> }
>
> prepend-pathPATH/usr/local/gcc/4.5.2/fftw/3.2.2/bin
> prepend-pathLD_LIBRARY_PATH/usr/local/gcc/4.5.2/fftw/3.2.2/lib
> prepend-path--delim " "CFLAGS"-I/usr/local/gcc/4.5.2/fftw/3.2.2/include"
> prepend-path--delim "
> "CXXFLAGS"-I/usr/local/gcc/4.5.2/fftw/3.2.2/include"
> prepend-path--delim " "LDFLAGS"-I/usr/local/gcc/4.5.2/fftw/3.2.2/lib"
> prepend-pathMANPATH/usr/local/gcc/4.5.2/fftw/3.2.2/share/man
>
```

Thread view

[Modules] modulefiles loops

From: Giuseppe Aprea <giuseppe.aprea@gm...> - 2011-04-04 10:46:09

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Hi all,

I am quite new to modules software so I hope my question is not too silly;

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No, Thank you

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No, Thank you