Subject: How to modify my IDL library path?
Posted by mystea on Fri, 30 Nov 2007 07:03:44 GMT
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Dear all,

I have been trying to install the famous textoidl utility into my
computer. In order to keep this add-on separate from the original
library, I made a directory /usr/local/itt/idl64/addon and I decide to
put all my add-ons into that directory.

It turns out that in most cases this will work. (namely, when I put
a .pro file in that directory), but if I put a whole directory under
that directory, IDL will not find the files. (e.g. when I extracted
all the textoidl files to /usr/local/itt/idl64/addon/textoidl, IDL
won't see them at all.)

For managing sake, I don't want to extract textoidl files to /usr/
local/itt/idl64/addon/. Is it possible to change IDL's searching path?

Besides, it seems that IDL can't recognize my addons as a "native"
routine. (i.e. I need to compile them before I call them, unlike other
utilities such as interpolation.) Is there a trick to fix this?

Thank you all.

Gene

Subject: Re: How to modify my IDL library path?
Posted by Paul Van Delst[1] on Mon, 03 Dec 2007 17:09:13 GMT
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mystea wrote:
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>
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> Besides, it seems that IDL can't recognize my addons as a "native"
> routine. (i.e. I need to compile them before I call them, unlike other
> utilities such as interpolation.) Is there a trick to fix this?

Here is my idl setup from my .bashrc:


```
# Setup idl
export RSI_DIR=/usr/local/rsi
export IDL_DIR=$RSI_DIR/idl
export IDL_PATH="<IDL_DEFAULT>"
. $IDL_DIR/bin/idl_setup.bash
export  IDL_PATH=${IDL_PATH}:+\${HOME}/scripts/idl:+\${RSI_DIR}/user _contrib
export IDL_STARTUP=$HOME/scripts/idl/idl_startup.pro
```


I believe my "+\${RSI_DIR}/user_contrib" would be equivalent to your "/addon" directory.
Note the "+" to get IDL to search all teh subdirectories as well. After reading other
reponses, I'm not sure if the "\" escape char is needed or not.

BTW, I thought the accepted convention was a "user_contrib" directory as opposed to "addon"?

cheers,

paulv