
Subject: IDL_PATH subdirectories

Posted by [Jess](#) on Sun, 29 Jan 2006 22:31:52 GMT

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Hi,

In unix system install of IDL (v6.2), the IDL_PATH is set in idl_setup as:

```
setenv IDL_PATH
```

```
"<IDL_DEFAULT>":$RSI_DIR/astro_lib/pro:$RSI_DIR/simul_package/v4.3.2_  
pros
```

where I presume IDL_DEFAULT is \$IDL_DIR/bin/idl/lib.

However on running idl all the subdirectories of lib (eg. itools, utilities) are not sourced. Eg. if I try to run xloadct I get:

```
IDL> xloadct
```

```
% Attempt to call undefined procedure/function: 'XLOADCT'.
```

```
% Execution halted at: $MAIN$
```

I understand that by prefixing the path with a '+', IDL will also source the subdirs. However when I edit my path using IDL_STARTUP and adding the following to my ~/.idlrc

```
idl_full = ':+/pkg/merlin/idl/idl_6.2/lib'
```

```
!path=!path + idl_full
```

restarting IDL, shows an expanded path when I run

```
IDL> print,expand_path(!path)
```

```
/pkg/merlin/idl/idl/lib:/pkg/merlin/idl/astro_lib/pro:/pkg/merlin/idl/simul_package/v4.3.2_pros:/pkg/merlin/idl/idl_6.2/lib/hook:/pkg/merlin/idl/idl_6.2/lib/obsolete:/pkg/merlin/idl/idl_6.2/lib/utilities:/pkg/merlin/idl/idl_6.2/lib/itools/components:/pkg/merlin/idl/idl_6.2/lib/itools/framework:/pkg/merlin/idl/idl_6.2/lib/itools/ui_widgets:/pkg/merlin/idl/idl_6.2/lib/itools:/pkg/merlin/idl/idl_6.2/lib/wavelet/source:/pkg/merlin/idl/idl_6.2/lib
```

But scripts in the !path sub dirs still fail to load:

```
IDL> xloadct
```

```
% Attempt to call undefined procedure/function: 'XLOADCT'.
```

```
% Execution halted at: $MAIN$
```

The only way I have been able to get these sub dir scripts to load is if I list each dir explicitly in my ammended !path, ie. not depending on '+'. Can someone tell me what I'm doing wrong, and I will make sure our system IDL_PATH is fixed so that all these lib sub dirs are sourced?

Thanks,

Jess

ps. Sorry if this has already been answered.
