
Subject: Re: Writing on X without X device (!)

Posted by [Martin Schultz](#) on Tue, 09 Mar 1999 08:00:00 GMT

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Liam Gumley wrote:

>
> [...]
> To create IDL graphics on a Unix box without being logged in, you need
> two things.
>
> The first is a Unix shell script (which is run in batch mode) which
> invokes IDL. It should look like this:
> [...]>
> The second is an IDL script which does the processing. Note that this is
> a *NOT* a procedure or a function; it has no PRO, FUNCTION, or END
> statements. Here's an example:
>
... but you can call your pros and funs as usual (as long as you make
sure to have the !PATH variable set correctly). Here's an example shell
script that I use to iterate model results:

(1) shell script:

```
#!/bin/csh
```

```
# shell script for remote IDL calls  
# called as ridl <programname>  
# program must be "main", i.e. no pro or function statement  
echo shell script for remote IDL calls
```

```
# set environment variables  
setenv IDL_DIR /usr/local/lib/rsi/idl_5.1  
setenv IDL_PATH \+$IDL_DIR/lib:\+$IDL_DIR/examples  
setenv IDL_DEVICE null  
setenv IDL_STARTUP ~mgs/IDL/idl_startup.pro  
alias idl $IDL_DIR/bin/idl  
alias idltool $IDL_DIR/bin/idltool  
alias idlhelp $IDL_DIR/bin/idlhelp  
alias idldemo $IDL_DIR/bin/idldemo
```

```
# call IDL with all parameters  
cd IDL/chem1d  
echo starting IDL ...  
idl $*
```

```
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```

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Dr. Martin Schultz
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