
Subject: Re: IDL, scripts and command line arguments?
Posted by [Ken Mankoff](#) on Sun, 31 Mar 2002 17:22:24 GMT
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On 27 Mar 2002, Michael A. Miller wrote:

> Does anyone have any suggestions on ways to trick IDL into
> getting access to command line arguments (argv- and argc-like
> functionality)? The only trick I've come up with so far is to
> write a script in <scripting-language-of-choice> that writes an
> idl procedure with the parameters hard coded into it and then
> executes it. It's not very pretty though and I wonder if there
> are any other possibilities...

That is how I managed to do it, but I like to think of it as
'very purty' as opposed to 'not very pretty'.

Here is my script. I name it "idl_argv.pl", and here are some examples
of how to call it (from the unix prompt):

```
./idl_argv.pl  
./idl_argv.pl 's = "a silly string"  
./idl_argv.pl 'for i=0,10 do print, i'  
./idl_argv.pl 'foo=42 & help, foo & plot, indgen(foo)'  
./idl_argv.pl 'pi=3.14159D & almost_pi = 4 ; spaces and comments!'
```

Here is the script:

```
-----  
#!/usr/bin/perl  
  
$input = $ARGV[0];  
@list = split( /\&/, $input );  
$uniq = $$;  
  
open( IDL_FILE, ">idl.$$pro" );  
for ($i=0; $i<=$#list; $i++)  
{ print IDL_FILE "$list[$i]\n"; }  
close( IDL_FILE );  
  
system( "idl idl.$$pro" );  
system( "/bin/rm idl.$$pro" );  
exit(0);  
-----
```

Is this even close to what you were trying to do?

-k.

--

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