Subject: Re: Function call string
Posted by penteado on Fri, 10 Apr 2015 05:25:46 GMT
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Hello,

One way, not necessarily a good way, is to use the help output:

pro functioncallstring,arg1,arg2,key1=key1,key2=key2
help,/recall,output=o
print,o[1]
end

So that when calling it the result would be

IDL> functioncallstring,10*!dpi,cos([1d0,-1d0]),key1='some '+'string'
1 functioncallstring,10*!dpi,cos([1d0,-1d0]),key1='some '+'string'

I can see some caveats:

1) The usual warning about using help's output:
"Note: The OUTPUT keyword is primarily for use in capturing HELP output in order to display it
someplace else, such as in a text widget. This keyword is not intended to be used in obtaining
programmatic information about the IDL session, and is formatted to be human readable. The
format and content of this text is not guaranteed to remain static from release to release and may
change at any time, without warning."
 (file:///usr/local/exelis/idl84/help/online_help/IDL/idl.htm
#Reference%20Material/H/HELP.htm#H_835179117_832171)

2) This would only show how this procedure was called from the command line, because it is just
showing the last command typed on the console. If you are looking to how the procedure was
called from some other procedure, this will fail.