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Subject: IDL\_IDLBridge, spawn, and sftp, oh my!  
Posted by [cgguido](#) on Thu, 06 Feb 2014 04:46:05 GMT  
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Hi all,

I am trying use IDL\_IDLBridge to run a batch file containing spawn command that uses sftp to retrieve a file. If there is a more direct way, I would love to know. I'm on MacOSX and the sftp server is linux. and I'm using ssh public keys so i don't have to enter the password every time.

The issue is that while the file is sftp'ing, I'd like to do other things...  
so an idl\_idlBridge object->Execute with a /nowait seems like a good idea. Here is the code:

```
;;;;;;;;;;begin code
file='myfile' ;<-generated on the fly actually
oBridge = OBJ_NEW('IDL_IDLBridge')
cmd2 = "scp server.internet.com:"+file+" ."
openw,lun, 'dummy.pro', /get_lun
printf,lun,'spawn, '"+cmd2+"'"
close, lun
obridge->execute, "@dummy.pro", /nowait
```

```
COMMAND1
COMMAND2
COMMAND3
```

```
while oBridge->status() ne 0 do wait, 0.1 ;check that oBridge is done every .1s
```

```
;now that oBridge (and the three COMMAND lines) are done, proceed...
;;;;;;;;;;end code
```

so the file dummy.pro is created and contains:

```
spawn, "scp server.internet.com:file ."
```

I can run it with @ at the IDL> prompt, but the IDL\_IDLBridge won't run it.

any ideas on how to make this work? or even better on how to do this better?

Many thanks,  
G

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