
Subject: CALL_EXTERNAL

Posted by [zaygula](#) on Tue, 30 Jul 2002 14:43:01 GMT

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Hi all,

I am not able to pass below strings from IDL 5.5 to c/c++ interface running on Red Hat Linux 7.3 2.96-110. The same code worked well on IDL 5.4 on solaris
The fragment of the code is shown below.

```
FUNCTION vgam_wrap_do_query, query, dest
FORWARD_FUNCTION lib_name, lib_func_name
```

```
IPaddress = 'localhost'
DBname    = 'gas'
DBlogin   = 'ziko'
DBpasswd  = 'tabes'
rc = call_external(lib_name('gavaidl'), $
                  lib_func_name('gava_idl_do_query'), $
                  query, dest, n_elements(dest), $
                  IPaddress, $
                  DBname, $
                  DBlogin, $
                  DBpasswd, $
                  /i_value, $
                  /portable )
return, rc

end
```

```
IDL>dest=strarr(16)
IDL>query='SELECT * FROM table1'
%Compiled module: LIB_NAME.
%Compiled module: LIB_FUNC_NAME.
```

printed results from c/c++ interface

```
cout<<IPaddress[0].s<<endl; = (null) expected output 'localhost'
cout<<DBname[0].s  <<endl; = (null) expected output 'gas'
cout<<DBlogin[0].s <<endl; = (null) expected output 'ziko'
cout<<DBpasswd[0].s <<endl; = (null) expected output 'tabes'
```
