

Regina GCI Failure [Fedora Core 2]

Source: <http://newsgroups.derkeiler.com/Archive/Comp/comp.lang.rexx/2005-10/msg00088.html>

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 - *Date:* Sun, 16 Oct 2005 13:36:09 GMT
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Greetings,

I'm experiencing a little difficulty in gaining access to 'libc' functionality via Regina GCI on a Fedora 2 platform, and was wondering whether there might be a known problem, or I am perhaps missing something obvious [if more information is needed please let me know].

I'm using the following, quite simple, code to tap into the C Library's 'rand' function:

```
initRand : procedure
rand.calltype = 'cdecl as function with parameters'
rand.return.type = 'integer32'
rand.return.name = 'return value'

rand.0 = 0

err = rxFuncDefine('rand', 'msvcrt', 'rand', 'rand.')

if err \= 0 then
say "Error registering function 'rand'"

return
```

This code works a treat on a Win32 platform. The near-same code on a Fedora 2 platform [with a slight change to]:

```
err = rxFuncDefine('rand', 'libc', 'rand', 'rand.')
```

fails, returning an 'err' value of 40. An 'ERRORTEXT(err)' call indicates the problem is an 'Incorrect call to routine'.

I thought the problem would be related to the specification of 'libc' as the target shared library name, so I:

- * Checked that '/usr/lib/libc.so' actually existed :) !
- * Ensured the 'LD_LIBRARY_PATH' environment variable was appropriately set and exported

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* Tried several variants on the 'libc' name, including:

'libc5', 'libc6', 'glibc', 'glibc2'

as well as specifying a full path:

'/usr/lib/libc'

and also with the '.so' extension

All attempts to no avail: the same error code is being returned.

Any ideas or suggestions ?

Cheers,

Anthony Borla

P.S.

Not that I think it's relevant / related but I'm experiencing *no* problem accessing functionality in REXX-specific libraries like 'rexxutils' or 'rxsock'

P.P.S.

I first tried the examples from the GCI webpage ['getrlimit' etc] and the same problem occurred

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• *Follow-Ups:*

◆ **Re: Regina GCI Failure [Fedora Core 2]**

◇ *From:* Florian Große-Coosmann

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