

OpenNebula - Bug #368

Compilation problem with gcc 4.4

10/13/2010 07:33 PM - Javi Fontan

| | | | |
|---------------------------|---------------|------------------------|------------|
| Status: | Closed | Start date: | 10/13/2010 |
| Priority: | Normal | Due date: | |
| Assignee: | Javi Fontan | % Done: | 0% |
| Category: | Core & System | Estimated time: | 0.00 hour |
| Target version: | Release 2.0 | Pull request: | |
| Resolution: | fixed | | |
| Affected Versions: | | | |

Description

Reported by George L. Emigh (<http://lists.opennebula.org/pipermail/users-opennebula.org/2010-October/002959.html>):

when attempting to build OpenNebula 2.0 RC1 from source on Fedora 13 I am getting this error:

```
scons: done reading SConscript files.
scons: Building targets ...
g++ -o src/nebula/oned -g src/nebula/oned.o -Lsrc/common -Lsrc/log -Lsrc/sql -
Lsrc/host -Lsrc/mad -Lsrc/nebula -Lsrc/pool -Lsrc/template -Lsrc/vm -Lsrc/vmm
-Lsrc/lcm -Lsrc/tm -Lsrc/dm -Lsrc/im -Lsrc/image -Lsrc/rm -Lsrc/vnm -Lsrc/hm -
Lsrc/um -Lsrc/authm -lxmlrpc_client++ -lnebula_core -lnebula_vmm -lnebula_lcm
-lnebula_im -lnebula_hm -lnebula_rm -lnebula_dm -lnebula_tm -lnebula_um -
lnebula_authm -lnebula_mad -lnebula_template -lnebula_image -lnebula_pool -
lnebula_host -lnebula_vnm -lnebula_vm -lnebula_common -lnebula_sql -
lnebula_log -lcrypto -lsqlite3 -lxmlrpc_server_abyss++ -lxmlrpc_server++ -
lxmlrpc_server_abyss -lxmlrpc++ -lxmlrpc_server -lxmlrpc_abyss -lxmlrpc -lxml2
-lz -lm -lxmlrpc_util
/usr/bin/ld: src/nebula/libnebula_core.a(Nebula.o): undefined reference to
symbol 'pthread_sigmask@@GLIBC_2.2.5'
/usr/bin/ld: note: 'pthread_sigmask@@GLIBC_2.2.5' is defined in DSO
/lib64/libpthread.so.0 so try adding it to the linker command line

/lib64/libpthread.so.0: could not read symbols: Invalid operation
collect2: ld returned 1 exit status
scons: *** [src/nebula/oned] Error 1
scons: building terminated because of errors.
```

I guess it only needed this:

```
$ diff -u SConstruct.orig SConstruct
--- SConstruct.orig 2010-10-12 18:10:45.824754684 -0400
+++ SConstruct 2010-10-12 18:33:45.585754639 -0400
@@ -40,6 +40,8 @@
if os.environ.has_key('LD_FLAGS'):
    main_env['LINK_FLAGS'] += SCons.Util.CLVar(os.environ['LD_FLAGS'])

+main_env['LINK_FLAGS'] += ['-pthread']
+
# Add builders for flex and bison
```

```
add_lex(main_env)
add_bison(main_env)
```

Associated revisions

Revision 0f1da0b9 - 10/13/2010 06:32 PM - Javi Fontan

Bug #368: Added -pthread to link flags

History

#1 - 10/13/2010 08:44 PM - Javi Fontan

- *Status changed from Assigned to Closed*
- *Resolution set to fixed*