

Prelude Manager coredumps on FreeBSD 6.1p7

Status:	Closed	Start date:	
Priority:	High	Due date:	
Assignee:	Yoann VANDOORSELAERE	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Resolution:	invalid		

Hello,

Last Monday we have upgraded one of our test systems to `[[FreeBSD]] 6.1`. Everything went ok, except for Prelude Manager.

The Prelude Manager core dumps when trying to start.

- Subscribing Normalize to active decoding plugins.
- server started (listening on 127.0.0.1 port 4690).

Segmentation fault (core dumped)

Then I've removed `libprelude`, `libpreludedb` and `prelude-manager` from the test system and reinstalled it. But no luck... [sad.png](#)

Then I have started `prelude-manager` with `gdb` and got the following message:

```
(gdb) run
Starting program: /usr/local/bin/prelude-manager
(no debugging symbols found)...(no debugging symbols found)...(no debugging symbols found)...(no d
ebugging symbols found)...(no debugging symbols found)...(no debugging symbols found)...(no debugg
ing symbols found)...(no debugging symbols found)...(no debugging symbols found)...warning: Unable
to get location for thread creation breakpoint: generic error
[New LWP 100109]
(no debugging symbols found)...(no debugging symbols found)...[New Thread 0x8062000 (LWP 100109)]
(no debugging symbols found)...(no debugging symbols found)...(no debugging symbols found)...(no d
ebugging symbols found)...(no debugging symbols found)...(no debugging symbols found)...(no debugg
ing symbols found)...(no debugging symbols found)...[New LWP 100109]

Program received signal SIGSEGV, Segmentation fault.
[Switching to LWP 100109]
0x482d0d5b in pthread_rwlock_timedwrlock () from /usr/lib/libpthread.so.2
(gdb) bt
#0  0x482d0d5b in pthread_rwlock_timedwrlock () from /usr/lib/libpthread.so.2
#1  0x4805f161 in rlock_release () from /libexec/ld-elf.so.1
#2  0x4805d279 in _rtld_bind () from /libexec/ld-elf.so.1
#3  0x4805b401 in _rtld_bind_start () from /libexec/ld-elf.so.1
#4  0x48440300 in ?? ()
#5  0x000000f8 in ?? ()
#6  0x08062400 in ?? ()
#7  0x4857a6e8 in _thread_keytable () from /usr/lib/libpthread.so.1
#8  0x080625c0 in ?? ()
#9  0x00000206 in ?? ()
#10 0x48440300 in ?? ()
#11 0x000000f8 in ?? ()
#12 0x48564876 in sigaction () from /usr/lib/libpthread.so.1
#13 0x4856ffb0 in pthread_setconcurrency () from /usr/lib/libpthread.so.1
```

```
#14 0x4857327a in pthread_testcancel () from /usr/lib/libpthread.so.1
#15 0x4857440a in +error () from /usr/lib/libpthread.so.1
#16 0x4855b7ae in ?? () from /usr/lib/libpthread.so.1
#17 0x4805bbad in _rtld_error () from /libexec/ld-elf.so.1
#18 0x4805e805 in dlopen () from /libexec/ld-elf.so.1
#19 0x480da925 in sys_dl_open () from /usr/local/lib/libprelude.so.9
#20 0x480db0c8 in tryall_dlopen () from /usr/local/lib/libprelude.so.9
#21 0x480dbad9 in find_handle_callback () from /usr/local/lib/libprelude.so.9
#22 0x480db870 in foreach_dirinpath () from /usr/local/lib/libprelude.so.9
#23 0x480dbb26 in find_handle () from /usr/local/lib/libprelude.so.9
#24 0x480dd2d6 in try_dlopen () from /usr/local/lib/libprelude.so.9
#25 0x480de201 in lt_dlopenext () from /usr/local/lib/libprelude.so.9
#26 0x480ddf6c in try_dlopen () from /usr/local/lib/libprelude.so.9
#27 0x480de155 in lt_dlopenext () from /usr/local/lib/libprelude.so.9
#28 0x480b5832 in libltdl_load_cb () from /usr/local/lib/libprelude.so.9
#29 0x480dc5be in foreachfile_callback () from /usr/local/lib/libprelude.so.9
#30 0x480db870 in foreach_dirinpath () from /usr/local/lib/libprelude.so.9
#31 0x480dc7c5 in lt_dlforeachfile () from /usr/local/lib/libprelude.so.9
#32 0x480b5b3c in prelude_plugin_load_from_dir () from /usr/local/lib/libprelude.so.9
#33 0x483c4ba1 in preludedb_init () from /usr/local/lib/libpreludedb.so.4
#34 0x483db9e9 in db_LTX_manager_plugin_init () from /usr/local/lib/prelude-manager/reports/db.so
#35 0x480b5975 in libltdl_load_cb () from /usr/local/lib/libprelude.so.9
#36 0x480dc5be in foreachfile_callback () from /usr/local/lib/libprelude.so.9
#37 0x480db870 in foreach_dirinpath () from /usr/local/lib/libprelude.so.9
#38 0x480dc7c5 in lt_dlforeachfile () from /usr/local/lib/libprelude.so.9
#39 0x480b5b3c in prelude_plugin_load_from_dir () from /usr/local/lib/libprelude.so.9
#40 0x08050256 in report_plugins_init ()
#41 0x0804e3ed in main ()
```

What I can see (or what I think it is), is that prelude-manager is using libpthread.so.1. But he suppose to be using libpthread.so.2.

The test server is a DL360G4 with Xeon processors.

History

#1 - 10/09/2006 04:02 PM - Yoann VANDOORSELAERE

- Status changed from New to Closed
- Resolution set to invalid

After looking at the issue, it appear there was a conflict with libpq linking to an old version of the pthread library. Recompiling libpq for [[FreeBSD]] 6 fixed the problem.

#2 - 04/29/2009 12:20 PM - Yoann VANDOORSELAERE

- Project changed from PRELUDE SIEM to Prelude Manager
- Category deleted (3)