

LinHES - Bug # 383: perl-javascript seg. faulting

Status:	Closed	Priority:	Normal
Author:	bigtoedsloth	Category:	Packages: Core
Created:	06/10/2009	Assignee:	brfransen
Updated:	08/06/2011	Due date:	
Description:	This is related to [[http://linhes.org/flyspray/index.php?do=details&task_id=282 report 282]] and the perl dependencies of the Shepherd tv_grab_au script. The two most important grabbers use the perl JavaScript module and both produce a segmentation fault when using the perl-javascript package. I uninstalled perl-javascript (keeping the spidermonkey dependency) and reinstalled the JavaScript module using cpan. Now the scripts work, or at least are no longer seg. faulting.		

Associated revisions

08/06/2011 12:32 pm - brfransen

perl-javascript: Bump to latest & fix deps; refs #383

08/06/2011 12:35 pm - brfransen

perl-test-exception: Initial Inclusion. dep of perl-javascript; refs #383

08/06/2011 12:37 pm - brfransen

perl-sub-uplevel: Initial Inclusion. dep of perl-test-exception; refs #383

08/06/2011 03:00 pm - brfransen

perl-javascript: still broken; upstream bugs with new js. refs #383

08/06/2011 09:53 pm - brfransen

js: Roll back to v1.7.0 for perl-javascript dep of shepherd. refs #383

08/06/2011 10:08 pm - brfransen

perl-javascript: Change js dep version to stop breakage. refs #383

History

06/11/2009 09:32 pm - cecil

Can you please provide more information. Others have report no issue w/ the package. Perhaps an output of the segfault.

06/12/2009 08:24 am - bigtoedsloth

This is the type of thing I was seeing in /var/log/messages.log

Jun 9 09:45:08 mythbox news[7327]: segfault at 465475 ip b7fbe4f0 sp bfc72990 error 4 in libpthread-2.9.so[b7fb7000+14000]

Jun 9 09:45:08 mythbox rex[7331]: segfault at 4499a38a ip b7ee64f0 sp bff9b4c0 error 4 in libpthread-2.9.so[b7edf000+14000]

And the code which dies is the following (actually the \$jsc->eval line)

<code>

```
sub setup_javascript
{
    print "Initializing JavaScript interpreter.\n" if ($debug);
    $jsc = new JavaScript::Runtime->create_context();
    $jsc->set_error_handler( sub { } ) if (exists(&JavaScript::Context::set_error_handler));
    $jsc->eval(qq{
        var doc = "";
```

```

function Location() { this.href = '$DATASOURCE'; }
function Document() { this.write = function(x) { doc += x; } }
function Window() { this.___ww = 0 }
location = new Location;
document = new Document;
window = new Window;
});
}

```

</code>

When I installed the JavaScript module I was asked if spidermonkey was threadsafe, to which I answered yes (after checking the compile flags in http://knoppmyth.net/repo/src_packages/extra-testing/spidermonkey-1.7.0-2.src.tar.gz). All of the tests passed fine.

07/03/2009 05:10 am - soundoff

I am having a similar problem to others with shepherd segfaulting.

R6.0.0.8 Fresh Install. Then I installed shepherd using:

```

<code>sudo -Sy shepherd-dep
cd~
wget http://www.whuffy.com/shepherd/shepherd
perl shepherd</code>

```

The install worked great. Even grabbed nice channel icons for me. very cool.

I then ran mythfilldatabase and it segfaulted.. so i did the following:

```

<code>
[root@mythtv ~]# pacman -Sy shepherd-dep
:: Synchronizing package databases...
core-testing is up to date
extra-testing is up to date
shepherd-dep package not found, searching for group...
:: group shepherd-dep (including ignored packages):
  perl-algorithm-diff perl-digest-sha1 perl-javascript perl-list-compare
  perl-pathtools
:: Install whole content? [Y/n] Y
warning: perl-algorithm-diff-1.1902-4 is up to date -- reinstalling
warning: perl-digest-sha1-2.11-4 is up to date -- reinstalling
warning: perl-javascript-1.12-2 is up to date -- reinstalling
warning: perl-list-compare-0.37-2 is up to date -- reinstalling
warning: perl-pathtools-3.29-2 is up to date -- reinstalling
resolving dependencies...
looking for inter-conflicts...

```

```

Targets (5): perl-algorithm-diff-1.1902-4 perl-digest-sha1-2.11-4
             perl-javascript-1.12-2 perl-list-compare-0.37-2
             perl-pathtools-3.29-2

```

Total Download Size: 0.00 MB

Total Installed Size: 1.10 MB

Proceed with installation? [Y/n] Y

checking package integrity...

```
(5/5) checking for file conflicts      [#####] 100%
(1/5) upgrading perl-algorithm-diff   [#####] 100%
(2/5) upgrading perl-digest-sha1     [#####] 100%
(3/5) upgrading perl-javascript      [#####] 100%
(4/5) upgrading perl-list-compare    [#####] 100%
(5/5) upgrading perl-pathtools       [#####] 100%
```

[root@mythtv ~]# su mythtv

[mythtv@mythtv root]\$ mythfilldatabase

2009-07-03 19:52:49.220 Using runtime prefix = /usr

2009-07-03 19:52:49.221 Empty LocalHostName.

2009-07-03 19:52:49.221 Using localhost value of mythtv

2009-07-03 19:52:49.222 Testing network connectivity to 10.1.1.11

2009-07-03 19:52:49.240 New DB connection, total: 1

2009-07-03 19:52:49.245 Connected to database 'mythconverg' at host: 10.1.1.11

2009-07-03 19:52:49.246 Closing DB connection named 'DBManager0'

2009-07-03 19:52:49.247 Connected to database 'mythconverg' at host: 10.1.1.11

2009-07-03 19:52:49.251 New DB connection, total: 2

2009-07-03 19:52:49.252 Connected to database 'mythconverg' at host: 10.1.1.11

2009-07-03 19:52:49.253 Updating source #10 (DigitalTV) with grabber tv_grab_au

2009-07-03 19:52:49.254 Found 8 channels for source 10 which use grabber

2009-07-03 19:52:49.839 Grabber has capabilities: baseline manualconfig preferredmethod

2009-07-03 19:52:50.403 Grabber prefers method: allatonce

2009-07-03 19:52:50.404 New DB connection, total: 3

2009-07-03 19:52:50.405 Connected to database 'mythconverg' at host: 10.1.1.11

2009-07-03 19:52:50.407 XMLTVConfig entry in settings table missing, falling back to old behavior

2009-07-03 19:52:50.407 XMLTV config file is: /home/mythtv/.mythtv/DigitalTV.xmltv

sh: line 1: 17259 Segmentation fault PERL5LIB="/home/mythtv/.shepherd/references" /home/mythtv/.shepherd/grabbers/news/news --region 75

--output /home/mythtv/.shepherd/grabbers/news/output-0.xmltv --days 8 --channels_file /home/mythtv/.shepherd/channels.conf.tmp 2>&1

sh: line 1: 17263 Segmentation fault PERL5LIB="/home/mythtv/.shepherd/references" /home/mythtv/.shepherd/grabbers/rex/rex --region 75 --output

/home/mythtv/.shepherd/grabbers/rex/output-0.xmltv --days 8 --channels_file /home/mythtv/.shepherd/channels.conf.tmp 2>&1</code>

Any help would be greatly appreciated. I am so close to having a fully functioning myth system again!! Please let me know if there is any further info i can provide

07/22/2009 09:26 pm - harveythedog

Same segfault problem here on a fresh R6.00.08

Shepherd installed "sudo pacman -S shepherd" no problems.

Both rex and news grabbers show "failed code 139" in "~/shepherd/shepherd --status" and shepherd.log

06:03:11 HTPC news[14848]: segfault at 2d ip b7ee74f0 sp bfa9bfc0 error 4 in libpthread-2.9.so[b7ee0000+14000]

06:03:11 HTPC rex[14852]: segfault at 8000000d ip b7f4c4f0 sp bfd00a30 error 4 in libpthread-2.9.so[b7f45000+14000]

Unless users run shepherd(mythfilldatabase) manually, or check their shepherd.log file they probably will not be aware of this problem as other grabbers within shepherd will usually be able to provide tv data. Running something like "mythfilldatabase --graboptions '--notquiet --notimetest'" would let you watch shepherd run and perhaps be helpful?

01/06/2010 08:01 pm - bigb

I installed JavaScript using cpan and answered 'yes' for threadsafe spidermonkey, then 'no' for the other questions. The compile proceeded a lot better than when i had answered 'no' for threadsafe.

Do this has stopped the seg faults, and shepherd now uses the news and rex grabbers successfully. Attempts where I'd answered no for threadsafe didn't not fix my issues.

08/06/2011 10:51 pm - brfransen

- Assignee changed from cecil to brfransen
- Status changed from New to Closed
- Category set to Packages: Core
- % Done changed from 0 to 100
- Target version set to 7.1

Files

shepherd.log	73.3 kB	07/24/2009	admin
shepherd.log	73.3 kB	07/24/2009	admin