Segfault under Debian Jessie

Status
- Open

Subject
Segfault under Debian Jessie

Version
14.x

Category
- Patch

Feature

Date and Time

Resolution status
New

Submitted by
Circuitsoft

Lastmod by
Circuitsoft

Rating

Description
When I go to http://internal/tiki/tiki-user_preferences.php, as any logged-in user, I always get a PHP Segfault.

Versions
$ /usr/sbin/php5-fpm --version
PHP 5.6.13-0+deb8u1 (fpm-fcgi) (built: Sep  7 2015 13:38:29)
Copyright (c) 1997-2015 The PHP Group
Zend Engine v2.6.0, Copyright (c) 1998-2015 Zend Technologies
  with Xdebug v2.3.2, Copyright (c) 2002-2015, by Derick Rethans
  with Zend OPcache v7.0.6-dev, Copyright (c) 1999-2015, by Zend Technologies

grep '^[^#;]+' /etc/php5/fpm/php-fpm.conf
[global]
pid = /run/php5-fpm.pid
error_log = /var/log/php5-fpm.log
log_level = debug
include=/etc/php5/fpm/pool.d/*.conf

grep '^[^#;]+' /etc/php5/fpm/pool.d/*.conf
When this segfault happens, I get a core dump of ~8GB, every time. I tried adding Xdebug, and got a trace that I am willing to share with anyone who wants to look. (148k gz, 97k xz, 3.2M uncompressed)

Importance
7

Demonstrate Bug

Ticket ID
5720

Created
Monday 28 September, 2015 19:44:05 GMT-0000

LastModif
Friday 30 October, 2015 00:34:11 GMT-0000

Comments

**Circuitsoft** 28 Sep 15 19:50 GMT-0000

Problem does not happen on show.tiki.org. I suspect there is some kind of issue with php-fpm, but the php guys said that tiki devs would have a better chance tracking down the segfault.
It seems that Debian Jessie includes a "leap-seconds.list" file in /usr/share/zoneinfo, and PHP has trouble parsing that on some machines.

Fix for my crash

diff --git a/lib/tikidate.php b/lib/tikidate.php
index c6eef36..c417475 100644
--- a/lib/tikidate.php
+++ b/lib/tikidate.php
@@ -90,6 +90,7 @@ class TikiDate
             'Japan',
             'Kwajalein',
             'Libya',
+            'leap-seconds.list',
             'localtime',    // because PHP Fatal error was observed in
Apache2 logfile
             // not mentioned here:
https://bugs.php.net/bug.php?id=66985
             'MST7MDT',

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Xavier de Pedro 30 Oct 15 11:33 GMT-0000

Hi Circuitsoft, can you please commit yourself your own fix to the codebase?
See https://dev.tiki.org/Commit to learn how to request commit access, where to commit, etc.

Thanks for finding a fix for this issue, and for committing it to the codebase! (welcome in short on board to the community of developers with access to touch the codebase! ;-)
The original document is available at http://dev.tiki.org/item5720-Segfault-under-Debian-Jessie