

Bugs & Wish list

Segfault under Debian Jessie | Tiki Wiki CMS Groupware :: Development
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

(0)

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
```

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```
[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
```

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```
[www] user = www-data group = www-data listen = /var/run/php5-fpm.sock listen.owner = www-
data listen.group = www-data pm = ondemand pm.max_children = 12 chdir = /
```

```
/etc/nginx/sites-enabled/default
```

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```
server { ... client_max_body_size 16M; root /var/www/html; index index.php index.html index.htm
```

```
index.nginx-debian.html; location ~ \.php$ { # fastcgi-php.conf has not been changed from
debian jessie default include snippets/fastcgi-php.conf; fastcgi_pass unix:/var/run/php5-fpm.sock;
} ... }
```

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

Priority

35

Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on show2.tiki.org

Version: trunk ▼

Demonstrate Bug (older Tiki versions)

Please demonstrate your bug on show.tikiwiki.org

Version: 18.x ▼

Ticket ID

5720

Created

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

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.



Circuitsoft 30 Oct 15 00:31 GMT-0000

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

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```
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',



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! ;-)

Attachments

filename	created	hits	comment	version	filetype
tiki-user_preferences.29859.html.xz	28 Sep 15 19:50 GMT-0000	12	Xdebug trace		

The original document is available at <https://dev.tiki.org/item5720-Segfault-under-Debian-Jessie>