Core - Bug # 60737

Status:	Resolved	**Priority:**	Should have
Author:	Frederik Vosberg	**Category:**	
Created:	2014-08-01	**Assigned To:**	
Updated:	2014-12-21	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	easy
Is Regression:	No
Sprint Focus:	

Subject:	Symlinks as Document roots are breaking the cache

Description

Hi there,

my hoster uses symlinks to the document root to resolve the domain to the document root.

1. If there is a host-specific pseudo-DocumentRoot, use it instead of the default one

RewriteCond %{REQUEST_URI} !^/f?cgi-bin/
RewriteCond /var/www/virtual/julia/%{HTTP_HOST} -d
RewriteRule (.*) /var/www/virtual/julia/%{HTTP_HOST}$1

That causes errors when trying to load file paths with GeneralUtility::getFileAbsFileName() because the PATH_typo3 constant contains the current document root. (the current domain of this request).

But the cache holds absolute paths to the symlink document root of the request which triggered the caching.

So the getFileAbsFileName returns empty filePaths, because the absolute file paths passed to it didnt start wih the PATH_typo3.

So we have to realpath them before checking.

Im going to push a patch to gerrit, give me a minute it is my first time ;)

Related issues:

related to Core - Bug # 58288: Cache that write absolute paths needs PATH_sit...	**Resolved**	2014-04-28

History

#1 - 2014-08-01 21:58 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/31941

#2 - 2014-08-09 08:47 - Frederik Vosberg

Can I do something to help?

#3 - 2014-08-14 19:03 - Gerrit Code Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/32177

#4 - 2014-08-14 19:30 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/31941

#5 - 2014-12-08 17:37 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/31941

#6 - 2014-12-08 22:45 - Helmut Hummel
- Status changed from Under Review to Needs Feedback

Frederik Vosberg wrote:

> *That causes errors when trying to load file paths with GeneralUtility::getFileAbsFileName() because the PATH_typo3 constant contains the current*
> *document root. (the current domain of this request).*

> *But the cache holds absolute paths to the symlink document root of the request which triggered the caching.*

Can you point out which cache entries are written with realpath and describe in which context GeneralUtility::getFileAbsFileName() fails?

#7 - 2014-12-09 08:16 - Stefan Froemken

Hello Helmut,

we have similar problems on our servers. Apache runs on a symlink /www -> /kunden and if you are logged in by SSH "pwd" shows you /kunden.
So, if TYPO3 Cache was deleted and the next call comes from scheduler/CLI the Cacheentries will be created with /kunden.
If you then try to call Login screen of TYPO3 Backend the whole CSS is broken. The path to these files are wrong. To create relative paths the Core
removes the amount of letters of PATH_site from the absolute paths in Cache. In our case we have a difference of 2 letters.
After clearing the cache and call BE again it works.

Stefan

#8 - 2014-12-09 11:30 - Helmut Hummel

Stefan Froemken wrote:

> *we have similar problems on our servers. Apache runs on a symlink /www -> /kunden and if you are logged in by SSH "pwd" shows you /kunden.*
> *So, if TYPO3 Cache was deleted and the next call comes from scheduler/CLI the Cacheentries will be created with /kunden.*

> *If you then try to call Login screen of TYPO3 Backend the whole CSS is broken. The path to these files are wrong. To create relative paths the*
> *Core removes the amount of letters of PATH_site from the absolute paths in Cache. In our case we have a difference of 2 letters.*

This issue you describe is resolved with https://review.typo3.org/#/c/31565/ and is included since 6.2.5

#9 - 2014-12-09 11:47 - Stefan Froemken

Thank you Helmut for searching this ticket. I just have created a new instance with current master and you're right. It works now.

#10 - 2014-12-21 20:41 - Anja Leichsenring

- Status changed from Needs Feedback to Resolved

fixed with #58288