Core - Bug # 65223

Status:	Resolved	**Priority:**	Must have
Author:	Arjen Hoekema	**Category:**	Backend API
Created:	2015-02-23	**Assigned To:**	Markus Klein
Updated:	2015-03-15	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	medium
Is Regression:	Yes
Sprint Focus:	Stabilization Sprint
Subject:	FE Session for logged in user lost after emptying session data

Description

Experienced this behavior in a website with:

- A protected area (with page re-enable login)

- A public area (no user logged in)

The public area contains some USER_INT plugins that store/retrieve session data (shopping cart alike). When the session data for some reason becomes empty the session data is removed and the 'fe_typo_user' cookie (from the logged in user) is removed too and the user is logged out.

See 'FrontendUserAuthentication->storeSessionData()'

Of course a quick solution would be to enable login for some 'public' parts of the website as well.

Related issues:

related to Core - Task # 55549: Only set FE user cookie if session data or us...	**Resolved**	**2014-02-01**
related to Core - Bug # 63597: Felogin session cookie is destroyed when navig...	**New**	**2014-12-05**

Associated revisions

Revision 94bd8742 - 2015-03-15 22:00 - Markus Klein

[BUGFIX] Do not remove FE session cookie if fe_user is logged in

We ensure that the session cookie is preserved when a user is logged in
and the fe_login_mode is set to "all".

Resolves: #65223

Releases: master, 6.2

Change-Id: Id9e9d56b90215f6e0d7310ff191ab4488a802bb0

Reviewed-on: http://review.typo3.org/37160

Reviewed-by: Helmut Hummel <helmut.hummel@typo3.org>

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Tested-by: Helmut Hummel <helmut.hummel@typo3.org>

Revision 0db2830d - 2015-03-15 22:08 - Markus Klein

[BUGFIX] Do not remove FE session cookie if fe_user is logged in

We ensure that the session cookie is preserved when a user is logged in
and the fe_login_mode is set to "all".

Resolves: #65223
Releases: master, 6.2
Change-Id: ld9e9d56b90215f6e0d7310ff191ab4488a802bb0
Reviewed-on: http://review.typo3.org/37869
Reviewed-by: Helmut Hummel <helmut.hummel@typo3.org>
Tested-by: Helmut Hummel <helmut.hummel@typo3.org>

History

#1 - 2015-02-23 19:05 - Markus Klein

Ok, the problem is the unset() of the FE user in
typo3/sysext/frontend/Classes/Controller/TypoScriptFrontendController.php:1288

So if the session data is stored afterwards, no user is present and the cookie is removed.
This is indeed tricky.

However, I would like to know your usecase:
Why do you disable login on those pages?

#2 - 2015-02-24 09:10 - Arjen Hoekema

The user and usergroups are indeed reverted/unset in the TypoScriptFrontendController.

Our "public" area is a mix of public (detail) pages and some list/basket type of views that contain USER_INT scripts that could write to the session.
They don't require separate entries in the cache for a different usergroup and should never contain content based on a fe_user.
We'd like to use 'config.sendCacheHeaders' to instruct a reverse proxy to cache the public pages.

In this scenario it somehow feels wrong that the same cookie (fe_typo_user) is used for both session and login handling :-)

The problem could also occur when using a FlashMessageQueue which is flushed after displaying messages and therefore causing an empty session
to remove the cookie.

#3 - 2015-02-24 09:59 - Markus Klein

While I understand the intent, I've to tell you that this won't work out: If you've USER_INT on a page, "sendCacheHeaders" will not work.
Moreover it does not make sense to have some basket-like thing on a page with cache headers, since the user will potentially not see an update.
Same goes for the reverse proxy.

Regarding the unset-problem, I guess there's no correct solution except having separate cookies for session data and login.

#4 - 2015-02-24 10:47 - Arjen Hoekema

It works out perfectly for our scenario, only the list view (1 page) does not have to be cached (USER_INT). We don't want separate page cache entries
for every usergroup combination in the TYPO3 page cache for this (public) section of the website.

All the other static pages (information pages and detail views, around 10000) can be cached and send out the correct caching headers.

Fixed it now by making sure that no NULL values are written to the session triggering cleanup of the cookie.

Separating the login and session cookie would be a nice solution, but not easy to implement in core.
Another solution would be to keep track of the situation where the fe_user->user is initialized and later unset by a 'checkIfLoginAllowedInBranch' and take this into account when deciding to remove the cookie.

There are some other reported issues of users (randomly) being logged out, they could be related to the fix in issue #55549

#5 - 2015-02-24 12:32 - Markus Klein

So your usecase is that only one of a large amount of pages will not be cached, but all others will. I understood that wrong then before.

We can look at the problem differently. Lets say that having a valid FE login is actually just "data of the session". Hence the session is actually not empty. ;-)
Therefore we don't need a separate cookie for the login, but a single one for session data suffices.
The fix is therefore, as you described, to remember the actual login somewhere to be able to properly detect that "additional session data" before removing the cookie.

#6 - 2015-02-24 12:48 - 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/37160

#7 - 2015-02-24 12:50 - Markus Klein
- Category changed from felogin to Backend API
- Assigned To set to Markus Klein
- Priority changed from Should have to Must have
- Target version set to next-patchlevel
- Complexity changed from hard to medium
- Is Regression changed from No to Yes
- Sprint Focus set to Stabilization Sprint

Please test the patch and vote, thanks.

#8 - 2015-03-06 00:47 - 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/37160

#9 - 2015-03-06 00:48 - 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/37160

#10 - 2015-03-15 22:01 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at http://review.typo3.org/37869

#11 - 2015-03-15 22:30 - Markus Klein

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:94bd8742da642bf4f9b668ad70d4cd4ade08bf13.