

TYPO3.Flow - Bug #36720

Settings from package cannot override default value with empty array

2012-04-30 15:04 - Christopher Hlubek

Status:	Resolved	Start date:	2012-04-30
Priority:	Must have	Due date:	
Assignee:	Christopher Hlubek	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Complexity:	
PHP Version:			
Has patch:	No		

Description

A more specific setting file cannot override a list of values (array) with an empty array. The method `arrayMergeRecursiveOverrule` is not consistent in its logic, since setting `NULL` will also override the default, so this should also work with an empty array if `emptyValuesOverride` is `TRUE`.

We need that fix to override security firewall filters in functional tests. Besides that the current behaviour is not intuitive when treating `NULL` and empty arrays differently and limits extensibility.

A fix for this - while logically correct - causes problems when loading policies, such that roles from different packages or contexts override each other where they should be additive in behaviour.

Associated revisions

Revision [abdf83](#) - 2013-04-05 13:52 - Christopher Hlubek

[!!!][BUGFIX] Enable settings override with empty array value

This change updates the behavior of `arrayMergeRecursiveOverrule` such that empty arrays are also treated as empty values. If you used this function before it can lead to different results after the change.

Before the change an empty array value was always merged into the first array, even if `emptyValuesOverride` was set to `TRUE`. With the new behavior an empty array value overrides a given input value if `emptyValuesOverride` is set. This allows to override settings with an empty array in the settings hierarchy.

This change is breaking if your settings hierarchy depends on empty array values not overriding a parent configuration.

Resolves: #36720

Releases: master, 2.0

Change-Id: [Ib7b93e62b59cea4c3d706eb39a66e01f2c44a22e](#)

Revision [339f877c](#) - 2013-04-05 14:59 - Christopher Hlubek

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Change-Id: [Ib7b93e62b59cea4c3d706eb39a66e01f2c44a22e](#)

History

#1 - 2012-04-30 15:08 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10896>

#2 - 2012-04-30 15:28 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10896>

#3 - 2012-05-07 18:09 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10896>

#4 - 2012-05-08 18:16 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10896>

#5 - 2012-07-11 11:13 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10896>

#6 - 2012-10-28 09:38 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10896>

#7 - 2013-04-05 13:45 - Gerrit Code Review

Patch set 8 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/10896>

#8 - 2013-04-05 13:46 - Gerrit Code Review

Patch set 9 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/10896>

#9 - 2013-04-05 13:52 - Gerrit Code Review

Patch set 10 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/10896>

#10 - 2013-04-05 14:36 - Christopher Hlubek

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [abdf83a03ae660b9a850d87209312cb9843c08](#).

#11 - 2013-04-05 14:59 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 1 for branch **2.0** has been pushed to the review server.
It is available at <https://review.typo3.org/19568>

#12 - 2013-04-05 15:37 - Christopher Hlubek

- Status changed from Under Review to Resolved

Applied in changeset [339f877cf93665d25932a7a2da45b1a4c6b5c8ee](#).