

## Core - Task # 57942

Epic # 55070 (Accepted): Workpackages

Epic # 55065 (New): WP: Overall System Performance (Backend and Frontend)

Bug # 52949 (Resolved): Speed decrease since 4.5

Story # 57862 (Resolved): Add possibility to make all TCA additions cached

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have						
<b>Author:</b>	Helmut Hummel	<b>Category:</b>							
<b>Created:</b>	2014-04-15	<b>Assigned To:</b>							
<b>Updated:</b>	2014-04-15	<b>Due date:</b>							
<b>TYPO3 Version:</b>	6.2								
<b>PHP Version:</b>									
<b>Complexity:</b>									
<b>Sprint Focus:</b>									
<b>Subject:</b>	Provide API to add cached TCA changes								
<b>Description</b>	<p>This change adds the feature that php files in the extension directory Configuration/TCA/Overrides/ will be executed right before building the cached TCA. These files must <b>only</b> contain PHP code that manipulate TCA (like addTCAColumns or addToAllTCATypes).</p> <p>The benefit in doing so is that we can move all code manipulating the TCA that previously was in ext_tables.php and therefore uncacheable, can now be in a defined location and is only executed when TCA is built and after that cached.</p> <p>This will give backend requests quite a performance boost once extensions start using these files.</p>								
<b>Related issues:</b>	<table><tr><td>related to TCA Reference - Feature # 57951: API to add cached TCA changes</td><td><b>Closed</b></td><td><b>2014-04-15</b></td></tr><tr><td>related to Core - Bug # 58004: Categories not visible</td><td><b>Resolved</b></td><td><b>2014-04-17</b></td></tr></table>			related to TCA Reference - Feature # 57951: API to add cached TCA changes	<b>Closed</b>	<b>2014-04-15</b>	related to Core - Bug # 58004: Categories not visible	<b>Resolved</b>	<b>2014-04-17</b>
related to TCA Reference - Feature # 57951: API to add cached TCA changes	<b>Closed</b>	<b>2014-04-15</b>							
related to Core - Bug # 58004: Categories not visible	<b>Resolved</b>	<b>2014-04-17</b>							

### Associated revisions

#### Revision f2180402 - 2014-04-15 18:30 - Helmut Hummel

[FEATURE] Provide API to add cached TCA changes

This change adds the feature that php files in the extension directory Configuration/TCA/Overrides/ will be executed right before building the cached TCA. These files must **only** contain PHP code that manipulate TCA (like addTCAColumns or addToAllTCATypes).

The benefit in doing so is that we can move all code manipulating the TCA that previously was in ext\_tables.php and therefore uncacheable, can now be in a defined

location and is only executed when TCA is built and after that cached.

This will give backend requests quite a performance boost once extensions start using these files.

Category Registry changes will also be applied after Configuration/TCA/Overrides/ has been processed so that makeCategorizable calls can now also happen in files in this locations and do not need to stay in ext\_localconf.php where they also would be executed on every request.

For now only filemetadata extension TCA configuration is moved. All other core extensions will follow later.

Resolves: #57942

Documentation: #57951

Releases: 6.2

Change-Id: Id7fdeba266bc0b4e85a45b64d73e4f4f3c59a36

Reviewed-on: <https://review.typo3.org/29484>

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

Reviewed-by: Stefan Neufeind

Tested-by: Stefan Neufeind

## History

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### #1 - 2014-04-15 13:33 - 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 <https://review.typo3.org/29484>

### #2 - 2014-04-15 15:45 - 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 <https://review.typo3.org/29484>

### #3 - 2014-04-15 15:51 - 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 <https://review.typo3.org/29484>

### #4 - 2014-04-15 15:56 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/29484>

**#5 - 2014-04-15 16:10 - Gerrit Code Review**

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/29484>

**#6 - 2014-04-15 19:30 - Helmut Hummel**

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:f2180402888a08871d37c9a785c4d82ab6c993b0.