

## Core - Task # 56538

Epic # 55070 (Accepted): Workpackages

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

Bug # 52949 (Resolved): Speed decrease since 4.5

Bug # 56307 (Accepted): Findings from Bootstrap/PackageManager/ClassLoader analyses

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Ernesto Baschny	<b>Category:</b>	Performance
<b>Created:</b>	2014-03-04	<b>Assigned To:</b>	Thomas Maroschik
<b>Updated:</b>	2014-03-16	<b>Due date:</b>	
<b>TYPO3 Version:</b>	6.2		
<b>PHP Version:</b>			
<b>Complexity:</b>			
<b>Sprint Focus:</b>			
<b>Subject:</b>	Cache the \$GLOBALS['TYPO3_LOADED_EXT'] as an array		
<b>Description</b>	<p>Several core components still access \$GLOBALS['TYPO3_LOADED_EXT'] directly. Basically it's used to loop through the activated extensions and also to check if some extension is installed.</p> <p>Since the Package Management, this array is being simulated by an object (LoadedExtensionsArray). Plan was to be able to add deprecation messages for accessing this array in future.</p> <p>When accessing a FE with one USER_INT, accessing this object takes about 10% of the time.</p> <p>It should be considered if we cannot generate the original array on first request, cache it, and then make the GLOBAL array available again to whoever uses it. It's just a list of extensions. The gain of the future possibility of throwing a deprecation message opposed to simply having this array as an array and be fast is probably not worth it.</p>		
<b>Related issues:</b>	duplicated by Core - Task # 56341: Evaluate if it is really reasonable to hav... <b>Closed</b> <b>2014-02-26</b>		

### Associated revisions

**Revision 64c46b91 - 2014-03-15 23:52 - Thomas Maroschik**

[TASK] Improve performance of Bootstrap/PackageManager

This patch is a combined patch which tries to address the findings from the Bootstrap/PackageManager/ClassLoader performance analysis.

Resolves: #56934

Resolves: #56310

Resolves: #56331

Resolves: #56341

Resolves: #56538

Releases: 6.2

Change-Id: I269159906534f58eff59973ab30e170fadac10e4

Reviewed-on: <https://review.typo3.org/28329>

Reviewed-by: Ernesto Baschny

Tested-by: Ernesto Baschny

## History

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### #1 - 2014-03-04 17:05 - Thomas Maroschik

- Status changed from New to Accepted
- Assigned To set to Thomas Maroschik

### #2 - 2014-03-04 21:37 - Michiel Roos

It would be great if `\TYPO3\CMS\Core\Utility\ExtensionManagementUtility::isLoaded()` could then just return a `isset($GLOBALS['TYPO3_LOADED_EXT']['extension'])`.

### #3 - 2014-03-07 16:20 - Markus Klein

Actually this is a regression.

Using basic functions like `array_keys()` does not work on objects like this, so this is was a breaking change.

### #4 - 2014-03-15 23:09 - Gerrit Code Review

- Status changed from Accepted to Under 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/28329>

### #5 - 2014-03-15 23:36 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/28329>

### #6 - 2014-03-16 00:30 - Thomas Maroschik

- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset commit:64c46b918ef016bdd1d799c5ca06e868d601f692.