

## Core - Task # 54560

Epic # 55070 (Accepted): Workpackages

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

Story # 55078 (Closed): Optimize PHP code performance in TYPO3 methods

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Michiel Roos	<b>Category:</b>	Performance
<b>Created:</b>	2013-12-22	<b>Assigned To:</b>	
<b>Updated:</b>	2014-01-29	<b>Due date:</b>	
<b>TYPO3 Version:</b>	6.2		
<b>PHP Version:</b>	5.3		
<b>Complexity:</b>	no-brainer		
<b>Sprint Focus:</b>			
<b>Subject:</b>	Replace JavaScriptEncoder with json_encode()		
<b>Description</b>			
<p>The JavaScriptEncoder class is used a lot in the TYPO3 backend. It does expensive character conversions, character by character.</p> <p>It would improve performance a lot if we use PHP native json_encode to do the encoding for us.</p> <p>Please see attached screenshot.</p>			
<b>Related issues:</b>			
related to Core - Bug # 55499: DebugUtility shows <\u00F2 instead of </		<b>Resolved</b>	<b>2014-01-31</b>
precedes Core - Task # 55009: Replace \$GLOBALS['LANG']->JScharCode() with \TY...		<b>Resolved</b>	<b>2014-01-15</b>

### Associated revisions

**Revision 6cd6d3b3 - 2014-01-29 00:38 - Michiel Roos**

[TASK] Replace JavaScriptEncoder with json\_encode()

The JavaScriptEncoder class is used a lot in the TYPO3 backend. It does expensive character conversions, character by character.

It would improve performance a lot if we use PHP native json\_encode to do the encoding for us.

Change-Id: I3cb3bd6d887d49565fda496f9b13852cbeb9dfa1

Resolves: #54560

Releases: 6.2

Reviewed-on: <https://review.typo3.org/26545>

Reviewed-by: Helmut Hummel

Tested-by: Helmut Hummel

Reviewed-by: Wouter Wolters

Tested-by: Wouter Wolters

Reviewed-by: Michiel Roos

Tested-by: Michiel Roos

Reviewed-by: Marcin Sagol

Tested-by: Marcin Sagol

Reviewed-by: Stefan Neufeind

Tested-by: Stefan Neufeind

## History

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### #1 - 2013-12-22 19:53 - 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/26545>

### #2 - 2013-12-23 21:27 - 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/26545>

### #3 - 2014-01-06 16:26 - 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/26545>

### #4 - 2014-01-14 23:46 - 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/26545>

### #5 - 2014-01-15 09:30 - 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/26545>

### #6 - 2014-01-15 09:44 - 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/26545>

### #7 - 2014-01-16 12:33 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/26545>

### #8 - 2014-01-24 16:54 - Ernesto Baschny

- Parent task set to #52949

### #9 - 2014-01-25 09:23 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/26545>

#### #10 - 2014-01-27 21:42 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/26545>

#### #11 - 2014-01-27 21:42 - Gerrit Code Review

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/26545>

#### #12 - 2014-01-28 09:54 - Ernesto Baschny

- Target version changed from next-patchlevel to 6.2.0

- Parent task changed from #52949 to #55078

#### #13 - 2014-01-28 16:45 - Gerrit Code Review

Patch set 11 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/26545>

#### #14 - 2014-01-29 01:30 - Michiel Roos

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:6cd6d3b31232c7c6a8abf884746a96956aca363e.

#### Files

JavaScriptEncoder_vs_jsonEncode.jpg	39.4 kB	2013-12-22	Michiel Roos
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