

## TYPO3 Core - Feature #93436

### Command line cache warmup infrastructure

2021-02-04 16:48 - Benjamin Franzke

<b>Status:</b>	Closed	<b>Start date:</b>	2021-02-04
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Benjamin Franzke	<b>% Done:</b>	100%
<b>Category:</b>	CLI	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	11.4	<b>Complexity:</b>	
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			
<b>Description</b>			
For deployment and for development it would be very comfortable to warmup caches via command line.			
Examples:			
<pre># all bin/typo3 cache:warmup  # specific caches bin/typo3 cache:warmup di bin/typo3 cache:warmup system bin/typo3 cache:warmup frontend</pre>			
<b>Related issues:</b>			
Related to TYPO3 Core - Bug #95058: TYPO3 CLI: help text to command "cache:wa...		<b>New</b>	<b>2021-09-01</b>

#### Associated revisions

##### Revision 4e25a578 - 2021-08-30 06:12 - Benjamin Franzke

[FEATURE] Add cache:warmup console command

A cache:warmup CLI command is added that is safe to be executed during deployment or development mode.

It is made extra sure that the command will be executable, even if all caches are stale or even broken. That means this command is able to repair broken di, localconf and tca caches. Technically this became due to preparations for lowlevel cli commands in #86248.

Caches that will be warmed up by TYPO3 core:

- + DI
- + ext\_localconf
- + TCA
- + ext\_tables
- + middleware stack
- + PackageManager
- + sites-configuration
- + expressionLanguageProviders
- + BackendRoutes
- + l10n (parses all xlf files, and creates cache for all languages)
- + assets: BackendIcons
- + dashboard: DashboardPresets
- + dashboard: WidgetGroups

Out of scope or impossible to be warmed: \* Frontend warmup:

Can be provided by extensions that listen for the CacheWarmupEvent \* RequireJS (assets cache): Often applies with context-conditions therefore not reliably warmable. \* Extbase – better of for a separate patch

interesting cache entries would be: RequestHandlers, ClassSchemata and PersistenceClasses(?) \* Warmup of Fluid templates:

It is impossible to auto-detect whether all files in Resources/{Templates,Layouts,Partials} are Fluid files. Could be added later on with an explicit registry that

allows to define which templates are suitable for warmup.

Releases: master  
Resolves: #93436  
Change-Id: I53dd8915a2e06b3d21d778af985c76132e0d4f67  
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>  
Tested-by: Helmut Hummel <[typo3@helhum.io](mailto:typo3@helhum.io)>  
Tested-by: core-ci <[typo3@b13.com](mailto:typo3@b13.com)>  
Tested-by: Benni Mack <[benni@typo3.org](mailto:benni@typo3.org)>  
Reviewed-by: Helmut Hummel <[typo3@helhum.io](mailto:typo3@helhum.io)>  
Reviewed-by: Benni Mack <[benni@typo3.org](mailto:benni@typo3.org)>

## History

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### #1 - 2021-02-04 16:59 - Gerrit Code Review

- Status changed from New to Under 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/c/Packages/TYPO3.CMS/+61645>

### #2 - 2021-02-05 00:34 - 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/c/Packages/TYPO3.CMS/+61645>

### #3 - 2021-02-05 09:15 - 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/c/Packages/TYPO3.CMS/+61645>

### #4 - 2021-02-05 10:05 - 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/c/Packages/TYPO3.CMS/+61645>

### #5 - 2021-02-05 13:51 - 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/c/Packages/TYPO3.CMS/+61645>

### #6 - 2021-02-09 16:32 - Gerrit Code Review

Patch set 12 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

### #7 - 2021-02-09 18:28 - Gerrit Code Review

Patch set 13 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

### #8 - 2021-02-09 22:37 - Gerrit Code Review

Patch set 14 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

### #9 - 2021-02-10 05:30 - Gerrit Code Review

Patch set 15 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

### #10 - 2021-02-19 20:29 - Gerrit Code Review

Patch set 16 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

### #11 - 2021-03-03 07:26 - Benni Mack

- Target version changed from 11.1 to 11.2

### #12 - 2021-04-29 15:15 - Gerrit Code Review

Patch set 17 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#13 - 2021-04-30 16:19 - Gerrit Code Review**

Patch set 18 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#14 - 2021-05-07 19:37 - Benni Mack**

- Target version changed from 11.2 to 11.3

**#15 - 2021-06-14 10:24 - Gerrit Code Review**

Patch set 19 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#16 - 2021-07-08 15:01 - Benni Mack**

- Target version changed from 11.3 to 11.4

**#17 - 2021-08-25 12:35 - Gerrit Code Review**

Patch set 20 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#18 - 2021-08-25 12:36 - Gerrit Code Review**

Patch set 21 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#19 - 2021-08-25 13:42 - Gerrit Code Review**

Patch set 22 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#20 - 2021-08-27 11:38 - Gerrit Code Review**

Patch set 23 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#21 - 2021-08-27 12:42 - Gerrit Code Review**

Patch set 24 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#22 - 2021-08-27 15:27 - Gerrit Code Review**

Patch set 25 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#23 - 2021-08-27 15:29 - Gerrit Code Review**

Patch set 26 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#24 - 2021-08-27 17:19 - Gerrit Code Review**

Patch set 27 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#25 - 2021-08-28 20:24 - Gerrit Code Review**

Patch set 28 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61645>

**#26 - 2021-08-30 06:15 - Benjamin Franzke**

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [4e25a5787e1215645df02beaf51878a5c7f4bb07](https://review.typo3.org/c/Packages/TYPO3.CMS/+61645).

**#27 - 2021-08-31 18:32 - Stefan Bürk**

- Related to Bug #95058: TYPO3 CLI: help text to command "cache:warmup" right or wrong added

#28 - 2021-09-07 07:35 - Benni Mack

- Status changed from Resolved to Closed