

## TYPO3.Flow - Feature #3581

### Site lock / code cache flushing mechanism

2009-06-05 10:36 - Robert Lemke

<b>Status:</b>	Resolved	<b>Start date:</b>	2009-06-05
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>	Robert Lemke	<b>% Done:</b>	100%
<b>Category:</b>	Cache	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0 alpha 2	<b>Complexity:</b>	
<b>PHP Version:</b>			
<b>Has patch:</b>			
<b>Description</b>			
We need a concept and implementation for flushing critical caches like the code caches.			
In order to flush the code caches, we need to completely lock the application so that no requests come through while the php classes are deleted or rebuilt (which obviously would lead to some fatal error). This locking mechanism should be as simple as the bootstrap checking for the presence of a file (like FLOW3_SITE_LOCK).			
<b>Related issues:</b>			
Related to TYPO3.Flow - Task #3582: Concurrency stress test		<b>Closed</b>	<b>2009-06-05</b>
Related to TYPO3.Flow - Feature #3649: Caches should be flushed on package ve...		<b>Resolved</b>	<b>2009-06-12</b>

#### Associated revisions

##### Revision 3990fb87 - 2009-06-23 11:58 - Robert Lemke

- [TASK] FLOW3 (Monitor): Renamed F3\FLOW3\Monitor\ChangeDetectionStrategy\ModificationTime to F3\FLOW3\Monitor\ChangeDetectionStrategy\ModificationTimeStrategy
- [TASK] FLOW3 (Core): Move the F3\FLOW3\FLOW3 class into its own sub package "Core". The class is now called "Bootstrap".
- [+FEAT] FLOW3 (Core): Implemented a basic locking mechanism which locks the whole site while code caches are cleared. It's basically working but currently not customizable. Try it out by changing some code somewhere and then run two requests (in dev context) almost simultaneously. The Lock Manager is invoked on file changes through the Signal Slot mechanism. Resolves #3581
- [TASK] FLOW3: Simplified the index.php bootstrap a little and adjusted paths for the new Core sub package.
- [FIX] FLOW3 (SignalSlot): Added a check within the Signal Slot dispatcher which now throws a meaningful exception if a given slot class does not exist. Resolves #3730
- [TASK] FLOW3: Updated FLOW3's Package.xml file.
- [TASK] FLOW3: Commented out the SetEnv declaration in the .htaccess file. FLOW3 runs in Production context by default anyway and if the environment is set in the .htaccess file by default, any environment set in a virtual host wouldn't have any effect.

##### Revision 2637 - 2009-06-23 11:58 - Robert Lemke

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##### Revision c8148f88 - 2009-06-23 11:58 - Robert Lemke

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## History

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### #1 - 2009-06-22 13:14 - Robert Lemke

- Status changed from *New* to *Accepted*
- Assignee set to *Robert Lemke*
- Target version changed from *283* to *1.0 alpha 2*

### #2 - 2009-06-23 12:00 - Robert Lemke

- Status changed from *Accepted* to *Resolved*
- % Done changed from *0* to *100*

Applied in changeset r2637.