

## TYPO3 Core - Bug #62301

### ConfigurationManager setters make system unstable

2014-10-17 10:42 - Lukas Rüegg

<b>Status:</b>	Rejected	<b>Start date:</b>	2014-10-17
<b>Priority:</b>	Won't have this time	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>TYPO3 Version:</b>	6.2	<b>Is Regression:</b>	No
<b>PHP Version:</b>	5.4	<b>Sprint Focus:</b>	
<b>Tags:</b>			
<b>Description</b>			
<p>We are slowly moving our projects from LTS 4.5 to LTS 6.2 and one of the issues we recently encountered is the usage of the configuration manager's (\TYPO3\CMS\Core\Configuration\ConfigurationManager) setters (setLocalConfigurationValueByPath &amp; setLocalConfigurationValuesByPathValuePairs). Based on the "What's new" documentation for TYPO3 6.0 (<a href="http://typo3.org/download/release-notes/whats-new/">http://typo3.org/download/release-notes/whats-new/</a>) I was under the impression that using the configuration manager's getter/setters was the "new" way to do things. However, any attempt to use these methods quickly runs into</p> <pre>( ! ) Catchable fatal error: Argument 1 passed to TYPO3\CMS\Core\Utility\ArrayUtility::setValueByPath() must be an array</pre> <p>It turns out that the setter's failure to implement any kind of locking introduces a race condition which apparently cannot be fixed (@see Markus Klein's comment <a href="https://forge.typo3.org/issues/60294#note-13">https://forge.typo3.org/issues/60294#note-13</a>).</p> <p>This all begs the question, why this method is available at all. What is the purpose of providing (and documenting) an API method which introduces a known issue and makes the system unstable?</p>			
<b>Related issues:</b>			
Related to TYPO3 Core - Bug #60294: If a local file storage is outside the do...		<b>Closed</b>	<b>2014-07-13</b>
Related to TYPO3 Core - Bug #60650: ConfigurationManager::getConfigurationVal...		<b>Closed</b>	<b>2014-07-29</b>

### History

#### #1 - 2014-12-12 23:02 - Christian Kuhn

- Status changed from New to Needs Feedback

Hey Simon. I have the strong feeling you're misusing this API. The ConfigurationManager class is used to take care of LocalConfiguration file and friends. It is **not** meant to be called in a plugin on a regular basis (eg. in ext\_tables or ext\_localconf), since this would **always** trigger a rewrite of those files - and you definitely don't want this.

The ConfigurationManager class is for configuration management & changing only, so there shouldn't be any regular call by extensions or your setup during production use.

I wonder what you wanted to achieve in the first place?

#### #2 - 2015-03-02 20:28 - Anja Leichsenring

- Status changed from Needs Feedback to Rejected

- Priority changed from Must have to Won't have this time

Most probably no bug, but user based API misuse. I close this ticket after three month without feedback.