

## Core - Feature # 38562

Task # 38086 (Closed): Enhance TYPO3 bootstrap mechanism

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Christian Kuhn	<b>Category:</b>	Default
<b>Created:</b>	2012-07-02	<b>Assigned To:</b>	
<b>Updated:</b>	2012-07-20	<b>Due date:</b>	
<b>PHP Version:</b>	5.3		
<b>Complexity:</b>	hard		
<b>Sprint Focus:</b>			
<b>Subject:</b>	Refactor localconf.php handling		
<b>Description</b>			
<b>Related issues:</b>			
related to Core - Bug # 39346: localconf migration wizard breaks if escaped t...		<b>Resolved</b>	<b>2012-07-28</b>
related to Core - Bug # 39306: Generate random key is not updating		<b>Resolved</b>	<b>2012-07-27</b>
related to PHPUnit - Bug # 39091: Adapt to the new localconf handling in TYPO...		<b>Resolved</b>	<b>2012-07-19</b>
related to Core - Bug # 39111: Fix dbal & workspace install tool		<b>Resolved</b>	<b>2012-07-20</b>
related to Core - Bug # 39112: Fix 1-2-3(-4) wizards		<b>Resolved</b>	<b>2012-07-20</b>
related to Core - Task # 39134: t3lib_utility_array::arrayExport should recog...		<b>Resolved</b>	<b>2012-07-20</b>
related to Core - Bug # 39242: Better isLocalconfWritable handling		<b>Resolved</b>	<b>2012-07-25</b>
related to Core - Bug # 39224: Adapt to the new localconf handling		<b>Resolved</b>	<b>2012-07-24</b>
related to Core - Bug # 39237: Re-read extListArray in em at runtime		<b>Resolved</b>	<b>2012-07-25</b>
related to Core - Bug # 39241: Deprecate / cleanup t3lib_install		<b>Closed</b>	<b>2012-07-25</b>
related to Core - Bug # 39135: localconf upgrade wizard should recognize \$glo...		<b>Resolved</b>	<b>2012-07-20</b>
precedes Documentation - Task # 39144: typo3conf/localconf.php has been replaced		<b>New</b>	<b>2013-07-22</b>
precedes Core - Bug # 39110: Fix install tool -> Basic Configuration		<b>Closed</b>	<b>2012-07-20</b>

### Associated revisions

**Revision 7f1fa4f9 - 2012-07-20 09:24 - Helge Funk**

[!!!][TASK] New local configuration handling

This patch removes the file typo3conf/localconf.php and introduces a new file called typo3conf/LocalConfiguration.php instead. The file returns the local overrides of the TYPO3\_CONF\_VARS default array, which is merged with the default array during bootstrap.

An upgrade wizard transfers the settings from localconf to the new file. As an effect, the LocalConfiguration file is now fully under core control. There must be no additional custom code in it. If an instance needs such code, it can be added to a second file called typo3conf/AdditionalConfiguration.php, which is executed as is during bootstrap after LocalConfiguration was read.

This enables us to store the local configuration as an array, exports the file with a clear schema.

Furthermore, the list of loaded extensions (extList) is now stored as an array (extListArray). The old comma separated extList string is still kept for now, but core usage is adapted to use extListArray. The old extList string is still written and maintained, but is only kept

for extensions for backwards compatibility.

Important notes:

- Frontend, backend, cli and install tool must still come up, even if the upgrade wizard was not run, yet.
  - The variables '\$typo3\_db\_\*' that where in localconf.php are now merged with the TYPO3\_CONF\_VARS. The upgrade wizard should find and transfer them.
  - The settings in install tool ~~> Basic Configuration are currently broken. This would have made the patch even bigger, and must be fixed with an additional patch.~~
- It is advised to run the update wizard as soon as possible after this patch is merged, it will be the first wizard in the line.
- Some follow ups for dbal and probably workspaces are still needed.
  - Currently the 1-2-3 install wizards are broken. The dummy and other packages need some love to adapt to the new handling.

If some of the above problems are not solved until 6.0 stabilizes, this patch needs to be reverted again.

Change-Id: I3bf6a176117f501946123b921b6d2f1932627270

Resolves: #38562

Release: 6.0

Reviewed-on: <http://review.typo3.org/12519>

Reviewed-by: Helmut Hummel

Tested-by: Helmut Hummel

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

#### **Revision d3e3e73c - 2012-07-28 16:00 - Helge Funk**

[!!!][TASK] New local configuration handling

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Reviewed-by: Helmut Hummel

Tested-by: Helmut Hummel

Reviewed-by: Christian Kuhn

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## History

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### #1 - 2012-07-02 18:42 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

### #2 - 2012-07-02 18:47 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

### #3 - 2012-07-03 12:24 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

### #4 - 2012-07-03 12:56 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#5 - 2012-07-04 16:04 - Gerrit Code Review**

Patch set 5 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#6 - 2012-07-04 16:44 - Gerrit Code Review**

Patch set 6 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#7 - 2012-07-04 17:27 - Gerrit Code Review**

Patch set 7 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#8 - 2012-07-04 21:47 - Gerrit Code Review**

Patch set 8 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#9 - 2012-07-05 12:25 - Gerrit Code Review**

Patch set 9 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#10 - 2012-07-05 16:36 - Gerrit Code Review**

Patch set 10 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#11 - 2012-07-05 18:02 - Gerrit Code Review**

Patch set 11 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#12 - 2012-07-05 22:20 - Gerrit Code Review**

Patch set 12 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/12519>

**#13 - 2012-07-12 20:26 - Gerrit Code Review**

Patch set 13 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #14 - 2012-07-12 22:54 - Gerrit Code Review

Patch set 14 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #15 - 2012-07-14 21:47 - Gerrit Code Review

Patch set 15 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #16 - 2012-07-15 12:44 - Gerrit Code Review

Patch set 16 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #17 - 2012-07-15 15:25 - Gerrit Code Review

Patch set 17 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #18 - 2012-07-15 18:47 - Christian Kuhn

Immediate patch for phpunit (also as file)

```
--- a/Classes/Service/TestFinder.php
+++ b/Classes/Service/TestFinder.php
@ -365,7 +365,12 @ class Tx_Phunit_Service_TestFinder implements t3lib_Singleton {
    $loadedExtensionList = isset($GLOBALS['TYPO3_CONF_VARS']['EXT']['extList'])
        ? $GLOBALS['TYPO3_CONF_VARS']['EXT']['extList'] : '';
-    $allExtensionKeys = t3lib_div::trimExplode(',', $loadedExtensionList . ',' . $requiredExtensionList, TRUE);

    if (!is_array($loadedExtensionList)) {
+        $allExtensionKeys = t3lib_div::trimExplode(',', $loadedExtensionList . ',' . $requiredExtensionList, TRUE);
+    } else {
+        $allExtensionKeys = t3lib_extMgm::getLoadedExtensionListArray();
+    }
    return array_unique($allExtensionKeys);
}
```

#### #19 - 2012-07-15 18:48 - Christian Kuhn

- File 38562-phpunit.diff added

#### #20 - 2012-07-15 18:54 - Gerrit Code Review

Patch set 18 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #21 - 2012-07-16 22:34 - Gerrit Code Review

Patch set 19 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #22 - 2012-07-16 23:55 - Gerrit Code Review

Patch set 20 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #23 - 2012-07-17 19:21 - Gerrit Code Review

Patch set 21 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #24 - 2012-07-17 22:41 - Gerrit Code Review

Patch set 22 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #25 - 2012-07-18 23:52 - Gerrit Code Review

Patch set 24 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12519>

#### #26 - 2012-07-20 09:30 - Helge Funk

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:7f1fa4f9f193341419ead2a0931e57a73d0eeb50.

#### Files

38562-phpunit.diff

808 Bytes

2012-07-15

Christian Kuhn