

Core - Task # 49162

Status:	Resolved	Priority:	Should have
Author:	Christian Kuhn	Category:	Install Tool
Created:	2013-06-16	Assigned To:	
Updated:	2015-06-05	Due date:	
TYPO3 Version:	6.2		
PHP Version:	5.4		
Complexity:	nightmare		
Sprint Focus:			
Subject:	Rewrite install tool		
Description			
Subtasks:			
Bug # 49352: Reports module link to Install Tool section is incorrect			Resolved
Task # 49353: Reports Module links to the standalone install tool			Resolved
Task # 49357: Remove Environment Check checkMailCapabilities			Resolved
Task # 49366: Adapt install tool mail functions to use Swiftmailer			Resolved
Bug # 49460: Install Tool fails to test for required modules early in the process			Resolved
Bug # 49540: LocalConfiguration cleanup breaks install process			Resolved
Bug # 49458: SystemEnvironmentCheck fails with undefined function imageftbbox			Resolved
Bug # 49694: Install saltedpasswords and rsaauth during first install			Resolved
Bug # 49700: Installer triggers PHP warnings with folder structure tests			Resolved
Bug # 49705: Database analyzer: Enable check boxes for add tables and add fields			Resolved
Bug # 49715: Folder structure honors file / folderCreateMask			Resolved
Bug # 49732: Cleanup permission settings in factory configuration			Resolved
Bug # 49748: System information looks ugly			Resolved
Bug # 49591: [InstallTool] UpdateWizard automatically performs all db updates			Resolved
Feature # 50495: Add a clear all cache button to install tool			Resolved
Feature # 49760: Install: Let the install tool check whether ext_localconf and ext_tabl...			Resolved
Feature # 50612: Create BE-user in installation wizard (123 step) with a salted password			Resolved
Task # 51355: Cleanup saltedpasswords extension configuration			Resolved
Bug # 31407: Admin user creation function uses hardcoded md5() for password			Resolved
Feature # 50613: Use salted Install Tool password			Resolved
Feature # 50910: Fixed Container for Selection menu ion the left (install tool, feature...			Resolved
Feature # 50940: Add uninstall buttons to install tool			Resolved
Bug # 51093: Create database "databaseName" not escaped ...			New
Bug # 51357: Install tool database select during upgrading			Resolved
Bug # 51358: Display warning if AdditionalConfiguration.php is not empty during upgrading			Closed
Bug # 51366: Install tool test actios fatals if image was not rendered			Resolved
Bug # 51433: Install tool: Refactor database connect configuration settings			Resolved
Feature # 51454: Install tool configuration system			Resolved
Feature # 51499: Catch fatal errors caused by incompatible extension configurations			Resolved
Task # 51930: install tool database data step should show query errors			New
Bug # 51946: Installing TYPO3 -> Installing TYPO3 CMS			Resolved
Bug # 51952: Install tool: Docheader missing			Resolved
Bug # 51956: Install Tool does not ask for database settings			Resolved
Bug # 51989: Docheader fixed position			Resolved
Bug # 51996: Cleanup install tool module code			Resolved
Bug # 51997: Install Tool System environment warning badges look ugly			Resolved
Task # 50947: Installer: Show only empty databases? Offer to overwrite TYPO3-related ta...			Resolved
Feature # 47924: Implement switch to simple view on environment check			Closed

Task # 52088: Remove GFX im_imvMaskState and im_negate_mask settings	Resolved
Task # 52287: Move configuration code from bootstrap to install	Resolved
Task # 52314: ext:install Improve wording in empty database select	Resolved
Bug # 52351: ext:install Implement template files in FolderStructure	Resolved
Bug # 52354: ext:install Protect some methods in FolderStructure	Resolved
Feature # 52356: ext:install Relaxed permission check	Resolved
Bug # 52367: ext:install Better error handling in first folder step	Resolved
Bug # 52368: ext:install Show number of folder structure errors in menu	Resolved
Bug # 52338: Silent configuration generates endless redirect loop	Resolved
Feature # 52401: ext:install FolderStructure basic link support	Resolved
Task # 52407: Folder not writeable should be an "Error" not a "Warning"	Resolved
Task # 52413: Make Install Tool look beautiful in modern IE's	Resolved
Task # 52414: ext:install Break possible redirect loop	Resolved
Feature # 52440: Disable certain tools in Install Tool if "LocalConfiguration" is not w...	New
Bug # 52437: Don't write LocalConfiguration on every Install Tool entry	Resolved
Task # 52405: Install Tool: Allow multiple status messages for a single File	Resolved
Feature # 52547: ext:install Core update	Resolved
Feature # 52617: ext:install Verify checksum of downloaded core during update	Closed
Feature # 52618: ext:install Verify checksum of downloaded core during update	Resolved
Bug # 52638: ext:install Add registry entries if core update was done	New
Feature # 52639: ext:install Environment variable to deactivate core update	Resolved
Task # 55446: Obsolete code in saltedpasswords	Resolved
Task # 55464: Install Tool Lock Screen (Backend Mode) Styling	Resolved
Bug # 55517: ClassLoader not working with NullBackend for legacy classes	Resolved
Bug # 55556: Install Tool - Can't save some of the configuration presets	Resolved
Bug # 55551: Install tool complains about trailing slash in typo3_src link	Resolved
Bug # 55527: Exception "Invalid cache backend option servers" in Install Tool with memc...	Resolved
Bug # 54728: Fake cache entry is never removed from cache array in CacheManager	Rejected
Bug # 58379: Detect display_errors=Off during installation	New
Bug # 58380: Too many redirects during first install	Resolved
Related issues:	
related to Core - Bug # 55555: Cleanup EXT/requiredExt handling	Resolved 2014-02-01
related to Core - Feature # 45487: Inexistent error messages when trying to ...	Closed 2013-02-14
related to Core - Bug # 52757: ext:install Correct exception class inheritance	Resolved 2013-10-13
related to Core - Bug # 52604: Install Wizard does not allow to go a step back	Rejected 2013-10-08
related to Core - Bug # 52578: Install process removes permission	Resolved 2013-10-07
related to Core - Bug # 52585: Overwriting exiting database during install do...	Resolved 2013-10-07
related to Core - Task # 43086: Create wizard to remove/rename LocalConfigura...	Resolved 2012-11-19
related to Core - Task # 51995: Improve status messages of install tool	Resolved 2013-09-13
related to Core - Bug # 51396: Fix misleading method name	Resolved 2013-08-27
related to Core - Bug # 51407: Remove misleading checkmark icon from buttons ...	Resolved 2013-08-27
related to Core - Feature # 51410: Display count of failed error checks in in...	Resolved 2013-08-27
related to Core - Bug # 44415: White screen when updating in Install Tool > U...	Resolved 2013-01-09
related to Core - Bug # 49261: Remove duplicate vera.ttf from core	Resolved 2013-06-19
related to Core - Bug # 49263: Install tool: Code optimization in update wiza...	Resolved 2013-06-19
related to Core - Bug # 49266: Installer: Double escape for image test descri...	Resolved 2013-06-19
related to Core - Task # 49267: Installer: Update info message about ["GFX"](...	Resolved 2013-06-19
related to Core - Bug # 49269: Installer misses units after the size and dime...	Resolved 2013-06-19
related to Core - Feature # 49298: Install tool: Check xdebug.max_nesting_level	Resolved 2013-06-20
related to Core - Bug # 49299: Install tool: Remove obsolete settings from Lo...	Resolved 2013-06-20
related to Core - Bug # 49334: Remove last handling of multiplyDBfieldSize	Resolved 2013-06-21
related to Core - Bug # 49335: Remove last bits of gdlib_2	Resolved 2013-06-21
related to Core - Bug # 49336: Remove forceCharset handling	Resolved 2013-06-21

related to Core - Feature # 49301: Remove/Disable extensions via install tool...	Closed	2013-06-21	
related to Core - Bug # 44755: 6.0.0 behaves like 3.8.0 initially	Resolved	2013-01-23	
related to Core - Bug # 36031: T3D export of tt_content elements with IRRE re...	Resolved	2012-04-14	
related to Core - Bug # 49758: checkTheDatabase hook missing in refactored In...	Closed	2013-07-07	
related to Core - Bug # 49432: Install Tool does not write configuration	Needs Feedback	2013-06-26	
related to Core - Bug # 50450: Drop keys before fields in install tool	Resolved	2013-07-26	
related to Core - Bug # 50875: Install Tool feature "Create admin user" can't...	Resolved	2013-08-07	
related to Core - Bug # 35076: 1-2-3 Installer incorrectly reports database s...	Resolved	2012-03-21	
related to Core - Bug # 51363: Error messages in update wizard are html escaped	Closed	2013-08-26	
related to Core - Bug # 51368: Incompatible extension Uninstallation always r...	Resolved	2013-08-26	
related to Core - Bug # 51382: Old information on install tool Welcome screen	Closed	2013-08-27	
related to Core - Feature # 51271: Reportsmodule add test for Bug in LibXML	Resolved	2013-08-22	
related to Core - Task # 51469: dbal: Remove obsolete CSS class from HTML tem...	Resolved	2013-08-28	
related to Core - Bug # 51667: Inf. redirection loop after first Step of Inst...	Closed	2013-09-03	
related to Core - Bug # 51542: Install Tool: Warning: touch() Utime failed: P...	Resolved	2013-08-29	
related to Core - Bug # 51540: Check for host before connect to database	Resolved	2013-08-29	
related to Core - Task # 47740: Move \$TYPO3_CONF_VARS['DB'] to the TOP of All...	Resolved	2013-04-30	
related to Core - Bug # 47733: Don't set extensions checked by default in Ins...	Resolved	2013-04-30	
related to Core - Task # 38701: Make Install Tool section "All Configuration"...	Resolved	2012-07-06	
related to Core - Feature # 22652: Provide a way to see Install Tool DB passw...	New	2010-05-14	
related to Core - Bug # 49075: Install tool uninstallation does not clear the...	Resolved	2013-06-12	
related to Core - Bug # 40946: Install-Tool: Catchable Fatal Error after faul...	Resolved	2012-09-15	
related to Core - Task # 40530: FAL: Move migration scripts into their own su...	Closed	2012-09-02	
related to Core - Bug # 37423: Install tool fails fal conversion, if a file i...	Closed	2012-05-23	
related to Core - Bug # 22648: Improve layout of Database Analyser	Resolved	2010-05-13	
related to Core - Bug # 19029: Database Analyser: "Compare with \$TCA" display...	Resolved	2008-06-27	
related to Core - Bug # 16789: Install tool Option [adminOnly] = -1 shuts dow...	Resolved	2006-12-14	
related to Core - Feature # 51362: Hint to check errorlog when an extension i...	Resolved	2013-08-26	
precedes Core - Task # 51931: Improve Installer database selection step	Resolved	2013-09-12	
precedes TypoScript Reference (TSref) - Task # 49417: Update path to vera.ttf	Resolved	2013-06-25	
precedes Core - Bug # 49265: Install tool: Warning in upgrade wizard	Resolved	2013-06-24	2013-06-24
precedes Core - Bug # 49260: Install System Extensions doesn't use "userInput"	Resolved	2013-06-25	2013-06-25
precedes Core - Bug # 49258: Update Wizard user input not taken in account	Resolved	2013-06-24	2013-06-24
precedes Core - Bug # 49188: Install tool: Better UX for fould out sections	Resolved	2013-06-24	2013-06-24
precedes Core - Bug # 49186: Install tool: DB port setting magic	Resolved	2013-06-24	2013-06-24
precedes Core - Task # 48405: 1-2-3 Installer add Port and Socket configuration	Closed	2013-06-24	2013-06-24
precedes Core - Bug # 21769: Hardcoded BE path in typo3/sysext/install/update...	Rejected	2013-06-24	2013-06-24

Associated revisions

Revision 2e3c9d5e - 2013-06-19 17:13 - Christian Kuhn

[!!!][TASK] Rewrite install tool

Main features:

- The god class "Installer" is gone and split into two major parts.
A step controller handling major upgrade and install tasks, and a tool controller handling the known install tool actions.
- The step controller is designed to be always called prior to the tool controller, if a step needs execution, it comes up, otherwise the tool controller will be executed.
- The entry point typo3/install/index.php is gone and substituted by typo3/sysext/install/Start/Install.php. The file contains a

lengthy comment to document the main request flow and used GET/POST parameters.

- Most parts of the install tool do not bootstrap the whole system anymore, in general only the base bootstrap, dbal (if loaded), extbase and fluid ext_localconf.php are loaded. This makes sure the install tool can not fatal if some extensions ext_localconf is broken. The whole install tool runs without any caching, so a fatal in some cache file can not kill the install tool execution.
- Installing TYPO3 CMS on a dbal enabled system is now handled in the step installer directly to make the according code easier to understand.
- Rendering is done with a simplified fluid standalone view.
- All install tool forms are CSRF protected.
- A new and fully unit tested class structure is introduced, designed to take care of the basic file and folder structure of the instance. It is used during installation to create the needed structure and can be called in the install tool to compare and fix the current instance structure with the expected structure. In effect, the "dummy" package is obsolete. An instance can be created by just linking index.php, typo3_src/ and typo3/ within the document root, the installer takes care of creating everything else.
- The installation procedure is released from the package handling. Packages will be handled by the extension manager after initial installation with another patch.

Loose ends:

- The whole package handling needs to be implemented in the extension manager.
- Not all upgrade wizards work, this code area needs some love.
- A 'core' auto updater could be implemented now. A GSoC project is currently running to realize this.
- The SQL schema migration API is a mess and should be refactored. For now, another helper class is introduced to encapsulate some of the nasty details.
- An auto configuration and configuration suggestion system is planned and needs to be done. It should suggest best configuration options in the install tool, and should auto configure the system during installation in the last install step.
- If the backend or frontend fatals due to some extension that triggers a fatal in ext_localconf or ext_tables (for example due to a require() of a no longer existing file), a small helper action in the install tool could find those extensions and suggest to unload them.

Change-Id: Ice3248caa903449ad6a83ea4f234c7bd125bdb66

Resolves: #49162

Releases: 6.2

Reviewed-on: <https://review.typo3.org/21468>

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

Tested-by: Alexander Opitz

Reviewed-by: Stefan Froemken

Tested-by: Stefan Froemken

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision 1b261525 - 2013-06-19 21:08 - Christian Kuhn

[TASK] Remove duplicate vera.ttf from ext:core

vera.ttf is a font only used in the install tool, it was duplicated to ext:install with the rewrite patch, but forgotten to be removed from ext:core along the way. The file is removed from ext:core now to finish the process.

Change-Id: lbeb8a459655d51b0d5fd5269060c0a36b47b85fc

Resolves: #49261

Related: #49162

Releases: 6.2

Reviewed-on: <https://review.typo3.org/21512>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision 640e6170 - 2013-06-19 22:13 - Christian Kuhn

[TASK] Install tool: Code optimization in update wizard action

An if with only a 'throw Exception' call in it breaks code execution and acts as a guard clause. The code below does not need to be in an else case.

Change-Id: lb24ed4bee06763fb46145b815a0b6f3fdf7bafa6

Resolves: #49263

Related: #49162

Releases: 6.2

Reviewed-on: <https://review.typo3.org/21515>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision df90964e - 2013-06-19 22:34 - Alexander Opitz

[BUGFIX] Use userInput instead of own broken method

The user data from form post submit is broken after install tool

rewrite. Instead of using own method to gather data changed to the userInput variable that is set by the calling action.

Resolves: #49260

Related: #49162

Related: #49258

Releases: 6.2

Change-Id: I2ce0b5e4bfc0ef013039297a9186f0f59413b31

Reviewed-on: <https://review.typo3.org/21511>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision 76e5255e - 2013-06-19 22:54 - Christian Kuhn

[BUGFIX] Install tool: Warning in upgrade wizard

The 'silent' cache framework table upgrade throws a warning that explode() expects a string but an array is given in SqlSchemaMigration getStatementArray(). The upgrade wizard uses a wrong API call, since this method is already called within getExpectedDatabaseSchema() of the helper class.

Change-Id: I6cdde020265e730faa07a25ebda41917672ccea7

Resolves: #49265

Related: #49162

Releases: 6.2

Reviewed-on: <https://review.typo3.org/21516>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision b784b045 - 2013-06-20 21:02 - Christian Kuhn

[FEATURE] Install tool: Check xdebug.max_nesting_level

If PHP xdebug extension is loaded, TYPO3 CMS can fail with the xdebug.max_nesting_level default value of 100. This is easily triggered by fluid, and since we have fluid in the install tool we need a check that gives an administrator a nice warning if the nesting level is not set high enough for our demands.

Change-Id: I4812e7f47b04219d380d7454d51b2e6b74436b6d

Resolves: #49298

Related: #49162

Releases: 6.2

Reviewed-on: <https://review.typo3.org/21549>

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

Reviewed-by: Wouter Wolters

Tested-by: Wouter Wolters

Reviewed-by: Nicole Cordes

Tested-by: Nicole Cordes

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision b8c3c04b - 2013-06-21 21:54 - Christian Kuhn

[FEATURE] Install tool: Remove obsolete keys from LocalConfiguration

Some configuration settings are obsolete, but they have never been actively removed from LocalConfiguration. The patch introduces a list of obsolete configuration options (like SYS/extCache) to the install tool step controller and silently removes those settings from LocalConfiguration to keep it clean. This also obsoletes some deprecation code within core bootstrap.

Change-Id: Id422801f5bbedc0f444a0d905bdbb7d736fd82e8

Resolves: #49299

Related: #49162

Releases: 6.2

Reviewed-on: <https://review.typo3.org/21553>

Reviewed-by: Markus Klein

Tested-by: Markus Klein

Reviewed-by: Wouter Wolters

Tested-by: Wouter Wolters

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision 788964e5 - 2013-06-23 16:01 - Wouter Wolters

[BUGFIX] Reports module link to Install Tool section is incorrect

Change the module name in the link and add a new label to mention the new section name Important Actions.

Change-Id: I75b0698efd759d5a2f679ecceba059f8a8975876

Resolves: #49352

Related: #49162

Releases: 6.2

Reviewed-on: <https://review.typo3.org/21613>

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

Reviewed-by: Jigal van Hemert

Tested-by: Jigal van Hemert

Revision f0d8a255 - 2013-06-24 00:47 - Wouter Wolters

[BUGFIX] Reports Module links to the standalone install tool

Link to the backend module instead of the standalone version.

Change-Id: Icf32b91c1fe6edb2b3fa313c865441a1edc3a731

Resolves: #49353

Related: #49162

Releases: 6.2

Reviewed-on: <https://review.typo3.org/21616>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Reviewed-by: Wouter Wolters

Tested-by: Wouter Wolters

Reviewed-by: Philipp Gampe

Tested-by: Philipp Gampe

Revision ebcedcfa - 2013-07-05 15:06 - Christian Kuhn

[TASK] Install steps: Load saltedpasswords and rsaaauth

Change factory configuration to include settings for saltedpasswords and rsaaauth so they are loaded by default if installation is completed. PhpPass is used as default salt algorithm since this is a better than salted md5 and has no additional system dependencies.

Resolves: #49694

Related: #49162

Releases: 6.2

Change-Id: Ib01628dc2cb80082e8dbd3a5f6c1f24cc5aae589

Reviewed-on: <https://review.typo3.org/21924>

Reviewed-by: Susanne Moog

Tested-by: Susanne Moog

Reviewed-by: Georg Ringer

Tested-by: Georg Ringer

Revision afa7b7f6 - 2013-07-05 16:31 - Christian Kuhn

[TASK] Database analyzer: Enable add tables and add fields

Enable the check boxes for 'add tables' and 'add fields' in the database analyzer by default. Adding is not risky and can be suggested automatically.

Resolves: #49705

Related: #49162

Releases: 6.2

Change-Id: Ib3069a135f4baedc2bebf59ed5c42a72937fb897

Reviewed-on: <https://review.typo3.org/21943>

Reviewed-by: Wouter Wolters

Tested-by: Wouter Wolters

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

Revision f610981c - 2013-07-05 21:28 - Christian Kuhn

[BUGFIX] Folder structure honors file and folderCreateMask

The folder structure class construct takes care of permissions of files and folders. The patch adds support for config values fileCreateMask and folderCreateMask.

Resolves: #49715

Related: #49162

Releases: 6.2

Change-Id: I9f41ba7f038992ef77cf212229fca524e346431f

Reviewed-on: <https://review.typo3.org/21971>

Reviewed-by: Steffen Ritter

Tested-by: Steffen Ritter

Revision da7a0de4 - 2013-07-05 21:54 - Philipp Gampe

[BUGFIX] Support mysql socket connection

With the switch to mysqli in 6.1, the connection to mysql server via socket broke.

With mysqli, the definition is now:

- If hostname is "localhost", a socket is used and the socket file can be given optionally if it is different from the default.
- If hostname is not "localhost" but an IP address, a port can be given that may be different from the default mysql 3306.

The patch now reflects this in the database connect step and adds a parameter for the optional socket location. The patch will be adapted for 6.1 to include only the additional optional socket parameter.

Resolves: #48117

Related: #49162

Releases: 6.2, 6.1

Change-Id: I968a72dbaf90b3f319c03e697137630534d325c1

Reviewed-on: <https://review.typo3.org/20933>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Reviewed-by: Markus Klein

Tested-by: Markus Klein

Revision c262a79f - 2013-07-06 16:40 - Christian Kuhn

[BUGFIX] Cleanup permission settings in factory configuration

DefaultConfiguration now contains sane values for fileCreateMask and folderCreateMask, so the values from FactoryConfiguration can be removed.

Resolves: #49732

Related: #49162

Releases: 6.2

Change-Id: I7225648cebad697850fd2a728c021ad4ffe80b88

Reviewed-on: <https://review.typo3.org/22012>

Reviewed-by: Wouter Wolters

Tested-by: Wouter Wolters

Revision 34e9b71d - 2013-07-06 20:37 - Christian Kuhn

[BUGFIX] System information looks ugly

Install tool -> important actions -> system information does not break correctly on the definition list. Adapt css a bit.

Resolves: #49748

Related: #49162

Releases: 6.2

Change-Id: Ia2f1c5e4152c238e9c53fb383588fd12d72df1d8

Reviewed-on: <https://review.typo3.org/22053>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Reviewed-by: Wouter Wolters

Tested-by: Wouter Wolters

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

History

#1 - 2013-06-16 15:40 - 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 <https://review.typo3.org/21468>

#2 - 2013-06-16 15:45 - Gerrit Code Review

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

It is available at <https://review.typo3.org/21468>

#3 - 2013-06-16 15:51 - Gerrit Code Review

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

It is available at <https://review.typo3.org/21468>

#4 - 2013-06-16 15:55 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#5 - 2013-06-16 16:28 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#6 - 2013-06-16 20:51 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#7 - 2013-06-16 21:26 - Gerrit Code Review

Patch set 7 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#8 - 2013-06-16 21:43 - Gerrit Code Review

Patch set 8 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#9 - 2013-06-16 22:12 - Gerrit Code Review

Patch set 9 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#10 - 2013-06-16 22:31 - Gerrit Code Review

Patch set 10 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#11 - 2013-06-16 22:44 - Gerrit Code Review

Patch set 11 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#12 - 2013-06-16 22:48 - Gerrit Code Review

Patch set 12 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/21468>

#13 - 2013-06-16 22:57 - Gerrit Code Review

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

It is available at <https://review.typo3.org/21468>

#14 - 2013-06-17 13:34 - Gerrit Code Review

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

It is available at <https://review.typo3.org/21468>

#15 - 2013-06-19 15:55 - Gerrit Code Review

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

It is available at <https://review.typo3.org/21468>

#16 - 2013-06-19 17:30 - Christian Kuhn

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:2e3c9d5e25e5beadafebca949de3e05eeb6f120a.