

## Core - Bug # 57706

<b>Status:</b>	New	<b>Priority:</b>	Should have
<b>Author:</b>	Dave no-lastname-given	<b>Category:</b>	7 Install Improvements
<b>Created:</b>	2014-04-07	<b>Assigned To:</b>	
<b>Updated:</b>	2015-07-16	<b>Due date:</b>	
<b>TYPO3 Version:</b>	6.2		
<b>PHP Version:</b>			
<b>Complexity:</b>	no-brainer		
<b>Is Regression:</b>	No		
<b>Sprint Focus:</b>			
<b>Subject:</b>	Install tool marking symlinked directories as errors.		
<b>Description</b>			
Hi			
I am trying a 6.1.7 -> 6.2.0 upgrade and I noticed that the install tool is marking symlinked directories as errors that need to be corrected.			
To me this is not an error as symlinks to directories are not errors that need to be corrected. I often symlink entire document roots to quickly switch served content.			
I would suggest that if a symlink is detected that the symlink <b>target</b> is followed (using PHP readlink) and then verified. Of course a target can have a different name than it's link, so that would need to be taken in consideration. As long as the link has the correct naming there should be no problems.			
Anything can be logically symlinked in a hosting environment for all manner of perfectly valid reasons. They should not be marked as errors unless they are truly broken links. (i.e. the target doesn't exist)			
A symlink in itself is not an automatic error without further investigation.			
<b>Related issues:</b>			
related to Core - Bug # 52993: index.php in DOC_ROOT must be symlinked		<b>Accepted</b>	<b>2013-10-21</b>

### Associated revisions

Revision d28bb427 - 2015-07-16 09:46 - Georg Ringer

[BUGFIX] Allow symlinked directories in Install Tool

If a directory is expected but it is actual a link,  
check the linked resource. If this is a directory, allow that  
as well.

Change-Id: I85b98a683c987d36a67536050ee595848c7a3b8e

Resolves: #57706

Releases: master

Reviewed-on: <http://review.typo3.org/41383>

Reviewed-by: Susanne Moog <[typo3@susannemoog.de](mailto:typo3@susannemoog.de)>

Tested-by: Susanne Moog <[typo3@susannemoog.de](mailto:typo3@susannemoog.de)>

Reviewed-by: Andreas Fernandez <[typo3@scripting-base.de](mailto:typo3@scripting-base.de)>

Tested-by: Andreas Fernandez <[typo3@scripting-base.de](mailto:typo3@scripting-base.de)>

Revert "[BUGFIX] Allow symlinked directories in Install Tool"

A link is not a directory.

This reverts commit d28bb4270667999d2b82727cbeeb8ba7a7fedb8a.

Change-Id: I0d8d33bae922a94dbb525e1fd575defcfb95074f

Resolves: #57706

Releases: master

Reviewed-on: <http://review.typo3.org/41404>

Reviewed-by: Christian Kuhn <[loli@schwarzbu.ch](mailto:loli@schwarzbu.ch)>

Tested-by: Christian Kuhn <[loli@schwarzbu.ch](mailto:loli@schwarzbu.ch)>

## History

---

### #1 - 2014-12-23 19:56 - Mathias Schreiber

- Target version changed from next-patchlevel to 7.4 (Backend)

### #2 - 2015-07-13 19:42 - Susanne Moog

- Category changed from Install Tool to 7 Install Improvements

### #3 - 2015-07-16 00:48 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/41383>

### #4 - 2015-07-16 09:00 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/41383>

### #5 - 2015-07-16 09:50 - Georg Ringer

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:d28bb4270667999d2b82727cbeeb8ba7a7fedb8a.

### #6 - 2015-07-16 10:55 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/41404>

**#7 - 2015-07-16 11:18 - Christian Kuhn**

- *Status changed from Under Review to Resolved*

Applied in changeset commit:741c74e4b08ca288b98e2a63e54fc9e7e5e13069.

**#8 - 2015-07-16 11:18 - Christian Kuhn**

- *Status changed from Resolved to New*

**#9 - 2015-07-16 11:24 - Christian Kuhn**

The first patches for this issue did not go far enough and had to be reverted:

There are several different scenarios the install tool should cope with. This should be allowed on configuration level:

- example typo3\_src: This is usually a link to a directory, but it may be a directory as well.
- example index.php: This is usually a link to a file, but it may also be a file directly, too. The content of the file should have a defined content.
- example fileadmin: This is usually a directory, but it may be a link pointing to a directory as well.

I propose to have a deeper look at the folderStructure DefaultFactory default structure definition and to align on a structural change of the configuration that allows these kind of configuration.

Hint: Since the folder structure can not be extended by extensions, we're relatively free to change this.