

## TYPO3.Flow - Task #11683

### symlink() is not working on Windows XP

2010-12-24 08:35 - Irene Höppner

<b>Status:</b>	Resolved	<b>Start date:</b>	2010-12-24
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Robert Lemke	<b>% Done:</b>	100%
<b>Category:</b>	Core	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0 beta 1	<b>Has patch:</b>	
<b>Sprint:</b>		<b>Complexity:</b>	
<b>PHP Version:</b>			
<b>Description</b>			
That means, that the requirements since alpha14 are Windows Vista, Server 2008 or greater ( <a href="http://de.php.net/manual/en/function.symlink.php">http://de.php.net/manual/en/function.symlink.php</a> ). Maybe this should be mentioned somewhere in the documentation? Or at some more distinguished place? Happy Christmas! :-)			
<b>Related issues:</b>			
Related to TYPO3.Flow - Task #8056: Remove configuration option for mirrorMode		<b>Closed</b>	
Related to TYPO3.Flow - Bug #35935: Symlinks still don't work reliably under ...		<b>Closed</b>	<b>2012-04-13</b>
Related to TYPO3.Flow - Bug #33968: Missing privileges to create symlinks in ...		<b>Closed</b>	<b>2012-02-16</b>

#### Associated revisions

##### Revision 0c539bd6 - 2011-08-04 16:05 - Robert Lemke

[TASK] Require Windows 6.0 or higher

The use of symlinks in FLOW3 is an essential feature. Without it, certain parts of the caching and resource management would be unacceptably slow.

Therefore the minimum requirement on Windows platforms is now Windows Vista, Windows Server 2008 or higher.

This change set also makes sure that all code parts in the Bootstrap which exit do send a correct exit code.

Change-Id: I4e75a8351174ad68bde83101373f6a5b9c059043  
Resolves: #11683

#### History

##### #1 - 2011-03-17 13:18 - Robert Lemke

- Target version set to 1.0 beta 1

##### #2 - 2011-04-29 21:41 - Karsten Dambekalns

- Status changed from New to Needs Feedback

- Assignee set to Karsten Dambekalns

Should we just make symlink support for Windows a requirement, get rid of XP and drop the mirrorMode configuration option without looking back?

I give a definitive +1 :)

##### #3 - 2011-05-02 10:38 - Irene Höppner

Getting rid of XP is definitely a +1 :-). (<http://support.microsoft.com/lifecycle/?p1=3223>).

Another thing, that hurts more, is getting rid of Server 2003 (<http://support.microsoft.com/lifecycle/?p1=3198>), but since virtualization is kind of standard now I would give that a +1 as well.

##### #4 - 2011-05-02 10:43 - Bastian Waidelich

IIRC symlinks should work on Windows XP too - at least on a NTFS based file system

**#5 - 2011-05-05 11:36 - Irene Höppner**

Yes, filesystem based you can use symlinks on XP - at least after installing some tool. But the php-function symlink() causes the error "Fatal error: Call to undefined function symlink()".

Tested on an XP with PHP 5.3.1 where symlinks in the filesystem are in use.

However, I'm not sure... if maybe some workaround can be found...

**#6 - 2011-06-19 01:28 - Simon Schaufelberger**

There are still many Windows XP users out in the world that develop apps locally on xp and then push them out to a linux server. Not every developer uses Mac :D Win XP will still be alive for many years even though support from Microsoft will not be available any more. There will be users who will not just upgrade to a newer Windows if they love XP :D

Please don't ignore XP users!

By the way: @Irene: What "tool" do you mean?

**#7 - 2011-08-04 08:41 - Sebastian Kurfuerst**

- Target version changed from 1.0 beta 1 to 1.0 beta 2

**#8 - 2011-08-04 15:21 - Mr. Hudson**

- Status changed from Needs Feedback to Under Review

Patch set 1 of change I4e75a8351174ad68bde83101373f6a5b9c059043 has been pushed to the review server.

It is available at <http://review.typo3.org/4108>

**#9 - 2011-08-04 15:31 - Robert Lemke**

- Category changed from - Documentation - to Core

- Assignee changed from Karsten Dambekalns to Robert Lemke

- Target version changed from 1.0 beta 2 to 1.0 beta 1

**#10 - 2011-08-04 16:05 - Mr. Hudson**

Patch set 2 of change I4e75a8351174ad68bde83101373f6a5b9c059043 has been pushed to the review server.

It is available at <http://review.typo3.org/4108>

**#11 - 2011-08-04 21:35 - Simon Schaufelberger**

If you don't provide the functionality, that it also works on XP without any workarounds in the Code, then PLEASE document at least some workarounds with external tools that provide the functionality of symlinks for Win XP!

The extended support of XP goes until 2014 ;)

**#12 - 2011-08-04 22:48 - Irene Höppner**

@Simon: Use a virtual machine with linux :-).

**#13 - 2011-08-05 17:05 - Robert Lemke**

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [0c539bd6d920ff656531da85fa87619ee7150648](https://review.typo3.org/4108).