

TYPO3.Flow - Bug #27995

Quote arguments in system command on Windows

2011-07-08 17:36 - Bastian Waidelich

Status: Resolved	Start date: 2011-07-08
Priority: Should have	Due date:
Assignee: Bastian Waidelich	% Done: 100%
Category: Core	Estimated time: 0.00 hour
Target version:	Complexity:
PHP Version:	
Has patch:	
Description	
The bootstrap currently does not quote system call arguments on Windows. This leads to errors if the path to your php binary contains spaces.	
<pre>\$command = 'SET FLOW3_ROOTPATH=' . FLOW3_PATH_ROOT . '&' . 'SET FLOW3_CONTEXT=' . \$this->context . '&' . \$this->settings['core']['phpBinaryPathAndFilename'] . ' -c ' . php_ini_loaded_file() . ' ' . FLOW3_PATH_FLOW3 . 'Scripts/flow3' . ' ' . escapeshellarg(\$commandIdentifier);</pre>	
Should be changed to:	
<pre>\$command = 'SET FLOW3_ROOTPATH="' . FLOW3_PATH_ROOT . '"&' . 'SET FLOW3_CONTEXT="' . \$this->context . '"&' . \$this->settings['core']['phpBinaryPathAndFilename'] . '" -c "' . php_ini_loaded_file() . '" ' . FLOW3_PATH_FLOW3 . 'Scripts/flow3' . ' ' . escapeshellarg(\$commandIdentifier) . '"';</pre>	
TODO: Test	
Related issues:	
Related to TYPO3.Flow - Bug #31779: Command execution on Windows breaks with ... Closed 2011-11-12	

Associated revisions

Revision 7bb24f9d - 2011-07-19 17:36 - Bastian Waidelich

[BUGFIX] Properly escape and quote CLI arguments

Currently arguments that are passed to the system() function in Bootstrap::executeCommand() are not properly escaped. This leads to errors if arguments / paths contain spaces.

Change-Id: Ief9eb0e1800cd9810867e607ba66456dccb3ee4e
Resolves: #27995

History

#1 - 2011-07-09 17:07 - Adrian Föder

we should also consider changing the REM in the new flow3.bat file from

```
REM This can include the php.ini to be used (for example "SET PHP=C:/php/php.exe -c C:/php/php.ini")
```

to some kind of

```
REM This can include the php.ini to be used (for example SET PHP="C:/php/php.exe" -c "C:/php/php.ini" )
```

So we should directly write the double quotes even if they are not necessary in the example; but to avoid errors when user rely on that suggestion.

#2 - 2011-07-11 13:21 - Mr. Hudson

- Status changed from New to Under Review

Patch set 1 of change Ief9eb0e1800cd9810867e607ba66456dccb3ee4e has been pushed to the review server. It is available at <http://review.typo3.org/3243>

#3 - 2011-07-19 17:37 - Mr. Hudson

Patch set 2 of change lef9eb0e1800cd9810867e607ba66456dcbb3ee4e has been pushed to the review server.
It is available at <http://review.typo3.org/3243>

#4 - 2011-07-19 18:05 - Bastian Waidelich

- *Status changed from Under Review to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset [7bb24f9dc49324d2ed931d641b7dbe6ffe6934f7](https://review.typo3.org/3243).