

## TYPO3.Flow - Bug #50080

### Broken concept for CLI/Web separation

2013-07-16 15:52 - Philipp Gampe

<b>Status:</b>	Needs Feedback	<b>Start date:</b>	2013-07-16
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Karsten Dambekalns	<b>% Done:</b>	0%
<b>Category:</b>	Core	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	medium
<b>PHP Version:</b>			
<b>Has patch:</b>	No		

#### Description

Currently Flow tries to detect a CLI request by looking into the PHP\_SAPI constant. This is a wrong approach and completely breaks on host that use CGI for both web and console requests.

The German hoster Domainfactory is such a hoster. The PHP\_SAPI in both web and console is cgi-fcgi, thus there is no way to distinguish a web from a cli request.

I tried to fix it myself in the code, but got lost in the various bootstrap methods (and their orders) and the sub-request cycles:  
<https://notes.typo3.org/p/neos-domainfactory>

@see <http://www.php.net/manual/en/function.php-sapi-name.php#89858>

IMHO Flow should take advantage of the different entry scripts and set a constant very early in the entry point that distinguishes the request types. Then it could also separate cli from cli-sub and web requests.  
It would be cheaper in terms of processing time and less error prone.

#### History

##### #1 - 2013-07-16 15:53 - Philipp Gampe

TYPO3 CMS also uses a constant to detect cli requests.

##### #2 - 2013-08-12 08:51 - Karsten Dambekalns

- Status changed from New to Needs Feedback
- Assignee set to Karsten Dambekalns
- PHP Version deleted (5.4)

It is inherently wrong to use the CGI binary for CLI purposes, someone should fix those hosters. The CLI binary behaves different than the CGI binary, see <http://www.php.net/manual/en/features.commandline.differences.php>

So even if everything we currently do in a CLI context works with CGI as well, there is no guarantee it stays like this.

##### #3 - 2013-08-12 20:29 - Philipp Gampe

OK, there is actually CLI support for DF since a while ... they added it for Flow and Symfony 2 ;)  
<http://www.df.eu/blog/2011/10/26/php-5-3-8-cli-und-python-sphinx/>

Anyway, I still think that Flow should try to support non-cli env too. Not all hosters support a CLI binary and the required changes are pretty low, if you set a constant at the entry scripts.

##### #4 - 2013-08-13 08:42 - Karsten Dambekalns

Philipp Gampe wrote:

OK, there is actually CLI support for DF since a while ...

That blog post is 2 years old. "For a while" is a slight understatement. :)

Anyway, I still think that Flow should try to support non-cli env too. Not all hosters support a CLI binary and the required changes are pretty low

I still think for CLI work you need a CLI environment. As I wrote, even if it works currently, there is no guarantee we will be relying on CLI specifics in the future.