TYPO3.Flow - Bug # 50080

Status:	Needs Feedback	**Priority:**	Should have
Author:	Philipp Gampe	**Category:**	Core
Created:	2013-07-16	**Assigned To:**	Karsten Dambekalns
Updated:	2013-08-13	**Due date:**	
PHP Version:			
Has patch:	No		
Complexity:	medium		
Affected Flow version: (any)			
Subject:	Broken concept for CLI/Web separation		
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

- Assigned To set to Karsten Dambekalns

- PHP Version deleted (5.4)

- Affected Flow version changed from Flow 2.0.0 beta 2 to (any)

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.