

Getting Started - Feature # 5690

Status:	Accepted	Priority:	Should have
Author:	Marco Weber	Category:	Content / Instructions
Created:	2009-12-09	Assigned To:	Robert Lemke
Updated:	2010-10-20	Due date:	
Subject:	Getting started documentation - setting the environment variables for FCGI		

Description

It is very important, that people are informed in the Getting Started Documentation, that sometimes the "SetEnv FLOW3_CONTEXT Development" Directive doesn't set the environment variables in PHP!

In case you're using an SUEXEC/FCGI PHP Version in Apache, SUEXEC wont pass FLOW3_CONTEXT to the fcgi script...
(Because the variable wasn't defined in "Safe-Vars" on SUEXEC compilation time.)

Since providers propably won't recompile SUEXEC with FLOW3_CONTEXT defined in "Safe-Vars", php won't receive the value SET with SetEnv in apache...

In this case i've found just 3 quick solutions to set the environment variable:

Solution 1: In the FCGI Starter Script:

It usually looks something like this:

```
#!/bin/sh
FLOW3_CONTEXT='Development'
export FLOW3_CONTEXT
PHPRC="/path/to/php5/conf/directory"
export PHPRC
PHP_FCGI_CHILDREN=5
export PHP_FCGI_CHILDREN
PHP_FCGI_MAX_REQUESTS=5000
export PHP_FCGI_MAX_REQUESTS
exec '/path/to/php5.3/bin/php-cgi'
```

Solution 2: Creating a prepend file in your php.ini

Create a prepend file that looks like this:

```
<?php
$_SERVER['FLOW3_CONTEXT']='Development';
?>
```

Finally, set the "auto_prepend_file = /path/to/your/prepend-file.php" option in your php.ini

Solution 3: Alter the Web/index.php file

Add the following line to the file after the "define" line:

```
$_SERVER['FLOW3_CONTEXT']='Development';
```

There might be other ways to set the environment variable, but this should be mentioned in the documentation.

History

#1 - 2009-12-10 09:36 - Karsten Dambekalns

- Project changed from *TYPO3.Flow* to *Getting Started*

#2 - 2009-12-10 09:37 - Karsten Dambekalns

- Category set to *Content / Instructions*
- Status changed from *New* to *Accepted*
- Assigned To set to *Karsten Dambekalns*
- Priority changed from *Must have* to *Should have*

#3 - 2009-12-10 09:42 - Karsten Dambekalns

- Target version set to *1.0.0 alpha 7*

#4 - 2009-12-30 18:07 - Alois Baule

I'm using Flow3 1.0.0 alpha6 and tried your solutions #2 und #3. But they did not show any effect.

I succeeded in altering *Web/index.php* by adding the following line after *declare(...)*:

```
putenv('FLOW3_CONTEXT=Development');
```

#5 - 2010-01-18 11:44 - Karsten Dambekalns

- Assigned To changed from *Karsten Dambekalns* to *Robert Lemke*

#6 - 2010-02-01 12:16 - Marco Weber

Alois Baule wrote:

I'm using Flow3 1.0.0 alpha6 and tried your solutions #2 und #3. But they did not show any effect.

*I succeeded in altering *Web/index.php* by adding the following line after *declare(...)*:*

```
putenv('FLOW3_CONTEXT=Development');
```

Hi Alois,

Thanks for the tipp, that `$_SERVER['FLOW3_CONTEXT']='Development'`; should be replaced by `putenv('FLOW3_CONTEXT=Development');`

To Solution 1: What kind of fcgi configuration do you use? And on which OS?

(Solution 1 only works, when you have a wrapper script in your fcgi-bin and don't call the php binary directly.)

See You Marco Weber

#7 - 2010-02-01 12:18 - Marco Weber

It might be better to replace the line:

```
$_SERVER['FLOW3_CONTEXT']='Development';
```

with the following line:

```
putenv('FLOW3_CONTEXT=Development');
```