TYPO3.Flow - Bug # 58494

Status:	Needs Feedback	**Priority:**	Must have
Author:	Rafael Kähm	**Category:**	MVC - Routing
Created:	2014-05-04	**Assigned To:**	Bastian Waidelich
Updated:	2014-05-25	**Due date:**	

PHP Version:	
Has patch:	No
Complexity:	
Affected Flow version: Git master	

Subject:	Inifinite redirects if index.php presents in URI
Description	

TYPO3.Welcome package can show this issue.

If you have fresh TYPO3 Flow Setup and call http://...../index.php/flow/welcome(orhttp://...../index.php to) you'll be redirected to:

    [04/May/2014:11:21:26 +0200] "GET /index.php HTTP/1.1" 303 115
    [04/May/2014:11:21:26 +0200] "GET /index.php/flow/welcome HTTP/1.1" 303 130
    [04/May/2014:11:21:27 +0200] "GET /index.php/flow/index.php/flow/welcome HTTP/1.1" 303 145
    [04/May/2014:11:21:27 +0200] "GET /index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1" 303 160
    [04/May/2014:11:21:28 +0200] "GET /index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1" 303 175
    [04/May/2014:11:21:28 +0200] "GET /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome
    HTTP/1.1" 303 190
    [04/May/2014:11:21:28 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1" 303 205
    [04/May/2014:11:21:29 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1"
    303 220
    [04/May/2014:11:21:29 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.
    me HTTP/1.1" 303 235
    [04/May/2014:11:21:29 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/we
    .php/flow/welcome HTTP/1.1" 303 250
    [04/May/2014:11:21:30 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/in
    .php/flow/index.php/flow/welcome HTTP/1.1" 303 265
    [04/May/2014:11:21:30 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/in
    .php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1" 303 280
    [04/May/2014:11:21:30 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/in
    .php/flow/index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1" 303 295
    [04/May/2014:11:21:30 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/in
    .php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1" 303 310
    [04/May/2014:11:21:31 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/in
    .php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1" 303 325
    [04/May/2014:11:21:31 +0200] "GET
    /index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/in

.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome HTTP/1.1" 303
340
[04/May/2014:11:21:31 +0200] "GET
/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/in
.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/index.php/flow/welcome
HTTP/1.1" 303 355

recursively.
NOTE: This infinite redirects makes not apache but TYPO3 Flow.
You can see that, if you add following line in TYPO3\Welcome\Controller\StandardController::redirectAction():
    $this->systemLogger->log(sprintf('I\'m currently on "%s".', $_SERVER['REQUEST_URI']));

I use Apache 2.4 with mod_proxy_fcgi like http://wiki.apache.org/httpd/PHP-FPM shown.

History

#1 - 2014-05-06 15:39 - Rafael Kähm

I don't know currently if this is Apache's or PHP's fault but i'm sure that _SERVER["SCRIPT_NAME"] and _SERVER["PHP_SELF"] env are not set
correctly if using FPM with mod_proxy_fcgi.

I'll check if there are some workarounds for this behaviour.

If somebody know how to fix this one, please post here.

#2 - 2014-05-06 16:05 - Rafael Kähm

Here is https://gist.github.com/RafaelKa/29f5c5bcae902ef4740a#file-request-php-L444-L447 hotfix.

#3 - 2014-05-06 23:47 - Rafael Kähm

So i found solution for this problem.

Best way to run FPM with Apache 2.4 (mod_proxy_fcgi) at all is here described: https://gist.github.com/RafaelKa/f17e1eafa740fd07eb3e
thanks to Andreas Bosch

#4 - 2014-05-14 16:28 - Bastian Waidelich
- Status changed from New to Needs Feedback
- Assigned To set to Bastian Waidelich

Rafael Kähm wrote:

Hi Rafael,

thanks for reporting and the detailed description. So is this resolved or is https://gist.github.com/RafaelKa/29f5c5bcae902ef4740a still relevant?

#5 - 2014-05-25 11:29 - Rafael Kähm

Hello Bastian,

mod_proxy_fcgi does not set fcgi env properly and therefore Flow can not resolve SCRIPT_NAME properly. Hotfix
https://gist.github.com/RafaelKa/29f5c5bcae902ef4740a#file-request-php-L444-L447 prevents infinite redirecting if using official Apache tutorial for
running FPM.

With mod_proxy_handler you do not need hotfix described above, but i think many peaple will have same issue and we can merge this one in Flow
master.

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