TYPO3 Core - Bug #91156

Double Action execution if redirect at its end

2020-04-21 14:10 - Kuba Wolski

Status:	New		Start date:	2020-04-21
Priority:	Should have		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Extbase		**Estimated time:**	0.00 hour
Target version:				
TYPO3 Version:	9		**Complexity:**	
PHP Version:	7.2		**Is Regression:**	
Tags:			**Sprint Focus:**	

Description

Fresh installation Typo3 9.5.
After initial configuration, I created a very simple extenstion named 'test', with one controller named 'Test', and two actions 'test' and 'test2', and one frontend plugin named 'test'. I installed this extension and put a plugin onto my homepage.

Action 'test' is writing current date and time to a file, using file_put_contents with FILE_APPEND flag. At the end of 'test' a redirect to 'test2' is executed.

When action is served after a browser request, and after a redirect is complete, I can find 2 new lines in a file mentioned before.

I also prepared fresh Typo3 10.4 and the same problem occured.

```php
<?php
namespace Test\Test\Controller;
class TestController extends \TYPO3\CMS\Extbase\Mvc\Controller\ActionController
{
    public function testAction()
    {
        file_put_contents('abc.xyz', date('YmdHis') . "\n", FILE_APPEND);
        $this->redirect('test2');

    }

    public function test2Action()
    {
        echo 'test';
        exit;
    }
}
?>
```

Related issues:

Related to TYPO3 Core - Bug #88628: Redirect call on controller level is firi...		**Rejected**	**2019-06-25**

History

#1 - 2020-04-22 09:28 - Kuba Wolski

After long investigation, I found out, that the doubled action is beeing called twice with exactly the same Request object. It also seems that TYPO3\CMS\Extbase\Core\Bootstrap->run is being called twice.
When I track microtime_start, it shows both 'test' execution at the same request. So it must be duplicated during the same, initial, request, not after redirect.

Timestamp report:
microtime: 1587538537.343; microtime_start: 1587538536.5837; testAction
microtime: 1587538537.3866; microtime_start: 1587538536.5837; testAction
microtime: 1587538538.0774; microtime_start: 1587538537.4427; test2Action

I also did a try with manual redirect using php header function, to exactly the same URI, as I did using native Extbase redirect: no duplication occured.

I did another test, calling 'test2' action directly, and it only reported its request once in my log.

#2 - 2020-06-16 19:27 - Michael Stopp

I can confirm this (for V9). In my case, I have an action that adds new objects to a repository and issues a flash message with the number of newly created objects. With every call of the action I get 2 flash messages and all objects are created twice. When I change the redirect to a forward, the problem goes away.

#3 - 2020-06-16 19:43 - Michael Stopp

- Related to Bug #88628: Redirect call on controller level is firing the action again added

#4 - 2020-06-16 19:45 - Michael Stopp

This seems related to caching -> check out [#88628](). After switching my action to non-cacheable, I no longer get the double calls.