TYPO3.Flow - Bug # 51255

Status:	Resolved	**Priority:**	Should have
Author:	Timo Dödtmann	**Category:**	Command
Created:	2013-08-22	**Assigned To:**	Bastian Waidelich
Updated:	2014-05-11	**Due date:**	

PHP Version:	5.4
Has patch:	No
Complexity:	
Affected Flow version: Flow 2.0.0	
Subject:	CommandController: Fix parsing of boolean values
Description	

I have the following (awesome) command:

```php
<?php
namespace Acme\Demo\Command;

use TYPO3\Flow\Annotations as Flow;

/**
 * TestCommand
 *
 * @Flow\Scope("singleton")
 */
class MyCommandController extends \TYPO3\Flow\Cli\CommandController {

    /**
     * @param boolean $myParam A boolean value
     * @return void
     */
    public function commandCommand($myParam) {
        echo sprintf("Result: %s\n\n", var_export($myParam, 1));
    }

}
```

Now, it will be called in the terminal as followed:

```
$ ./flow my:command --myParam FALSE
Result: bool (false)

$ ./flow my:command --myParam=FALSE
Result: bool (true)
```

The last command returns `TRUE` but `FALSE` is passed, because the passed value is interpreted as a string (probably because of the prefix `=`).

I'm not quite sure if it is really a bug, but it would be nice if it is interpreted as "bool (false)".

Related issues:			
related to TYPO3.Flow - Bug # 59023: BooleanConverter should not convert empt...		New	2014-05-22
duplicates TYPO3.Flow - Bug # 51385: BooleanConverter considers "false" TRUE		Resolved	2013-08-27

Associated revisions

Revision 8207a130 - 2013-08-27 14:08 - Bastian Waidelich

[BUGFIX] BooleanConverter considers "false" TRUE

The BooleanConverter provided by Flow simply casts the $source
to a boolean using boxing.
With this change a string "false" (case insensitive) is considered FALSE.

Change-Id: I95ba005490fb158a17b6b7fe3dc1787d96939299
Releases: master, 2.0
Fixes: #51255
Fixes: #51385

Revision 90d745a0 - 2014-01-31 16:02 - Bastian Waidelich

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Releases: master, 2.0
Fixes: #51255
Fixes: #51385

History

#1 - 2013-08-22 12:47 - Bastian Waidelich
- Status changed from New to Needs Feedback

just set the default to FALSE like:

```
1  /**
2   * @param boolean $myParam A boolean value
3   * @return void
4   */
5  public function commandCommand($myParam = FALSE) {
6      $this->outputLine("Result: %s\n\n", array($myParam));
7  }
```

...and omit the flag "--my-param" if you don't want to set it

#2 - 2013-08-26 14:21 - Timo Dödtmann

Thanks for your feedback.

I know how to correctly sends a FALSE to the CommandController.
But I think it would be nice if `--myParam=FALSE` and `--myParam FALSE` would lead to the same result.

By the way, declaration of a default value doesn't fix the different treatment of the parameter.

#3 - 2013-08-26 14:53 - Bastian Waidelich

Timo Dödtmann wrote:

> *But I think it would be nice if `--myParam=FALSE` and `--myParam FALSE` would lead to the same result.*

Reading the issue again, the current behavior is exactly how it's documented at
http://docs.typo3.org/flow/TYPO3FlowDocumentation/TheDefinitiveGuide/PartIII/CommandLine.html#passing-arguments

--foo=bar is not supported currently. So this would be a feature request and is not related to boolean arguments if I got it right!?

> *By the way, declaration of a default value doesn't fix the different treatment of the parameter.*

That was just an example of how to turn the argument into an **option** that is false by default, meaning: If you omit the flag, it's FALSE if you add **--flag** it is TRUE

#4 - 2013-08-26 15:24 - Timo Dödtmann

Exactly!
--myParam FALSE works fine
--myParam=FALSE is a feature request (because **FALSE** is interpreted as a string)

#5 - 2013-08-27 12:38 - Bastian Waidelich

- Subject changed from CommandController: Parsing of boolean values to CommandController: Fix parsing of boolean values

- Status changed from Needs Feedback to Accepted

- Assigned To set to Bastian Waidelich

Ok, I'm with you now. this is indeed a bug with the BooleanConverter. See #51385

#6 - 2013-08-27 12:40 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at https://review.typo3.org/23355

#7 - 2013-08-27 14:08 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at https://review.typo3.org/23355

#8 - 2013-09-24 15:20 - Bastian Waidelich

- Status changed from Under Review to Closed

Closing as duplicate of #51385

#9 - 2014-01-31 16:02 - Gerrit Code Review

- Status changed from Closed to Under Review

Patch set 1 for branch **2.0** of project **Packages/TYPO3.Flow** has been pushed to the review server.

It is available at https://review.typo3.org/27205

#10 - 2014-05-11 12:54 - Bastian Waidelich

- Status changed from Under Review to Resolved