

## TYPO3.Flow - Bug #4013

### Argument handling in RESTController doesn't work correctly

2009-07-28 11:38 - Christoph Blömer

<b>Status:</b>	Resolved	<b>Start date:</b>	2009-07-28
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Karsten Dambekalns	<b>% Done:</b>	100%
<b>Category:</b>	MVC	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0 alpha 5	<b>Complexity:</b>	
<b>PHP Version:</b>			
<b>Has patch:</b>			

#### Description

The RESTController is inherited from the ActionController. Therefore the ArgumentHandling should work as intended.

The problem is due to the following code of the RESTController class.

```
public function processRequest(\F3\FLOW3\MVC\RequestInterface $request, \F3\FLOW3\MVC\ResponseInterface $response) {
    $this->arguments->addNewArgument('id', 'UUID', FALSE);
    parent::processRequest($request, $response);
}
```

Adding an argument in this code portion results in a shift of all arguments of a called method. The value for the 1st argument is now shifted to the second argument.

If addNewArgument is removed from that code it works as intended.

A possible solution would be to move that line into the initializeAction method. The argument is then added to the end of the argument array and not to the beginning.

But actually it also shouldn't be passed to the method if it is not required or specified by the method.

#### Associated revisions

##### Revision e4fe5388 - 2009-09-28 11:45 - Karsten Dambekalns

[!!!][+BUGFIX] FLOW3 (MVC): The RESTController no longer defines the \$id argument for methods, this fixes #4013. You must declare the \$id argument properly in your controller actions from now on!

##### Revision 3225 - 2009-09-28 11:45 - Karsten Dambekalns

[!!!][+BUGFIX] FLOW3 (MVC): The RESTController no longer defines the \$id argument for methods, this fixes #4013. You must declare the \$id argument properly in your controller actions from now on!

##### Revision 3227 - 2009-09-28 11:58 - Karsten Dambekalns

[~TASK] TYPO3CR (Admin): Adjusted NodesController with now needed \$id arguments, relates to #4013.

##### Revision 3247 - 2009-09-30 16:50 - Karsten Dambekalns

[~TASK] TYPO3: Adjusted the service controllers to declare the \$id argument as requested. Relates to r3225 which fixed #4013.

#### History

##### #1 - 2009-07-28 11:57 - Robert Lemke

- Priority changed from Must have to -- undefined --
- Target version deleted (1.0 alpha 3)

##### #2 - 2009-07-28 17:00 - Karsten Dambekalns

- Subject changed from Arguement Handling in RESTController doesn't work correctly to Argument handling in RESTController doesn't work correctly

**#3 - 2009-09-23 16:57 - Karsten Dambekalns**

- *Status changed from New to Accepted*
- *Assignee set to Karsten Dambekalns*
- *Priority changed from -- undefined -- to Should have*
- *Target version set to 1.0 alpha 5*

**#4 - 2009-09-28 10:54 - Karsten Dambekalns**

I propose to drop that we simply drop `processRequest()` from the `RESTController`. The `$id` argument should be specified in the action method's signature as usual, the `RESTController` would do it's only magic in `resolveActionMethodName()` then. This solves the problem with argument shifting (I stumbled across this, too) and gives back control over the use of the argument to the developer.

**#5 - 2009-09-28 12:00 - Karsten Dambekalns**

- *Status changed from Accepted to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset r3225.