

## TYPO3.Fluid - Task # 9214

Task # 26664 (New): Clean up Form ViewHelpers

Task # 26658 (New): Make Form ViewHelpers consistent

|  |   |                     |                   |  |                     |                   |  |                 |                   |
|--|---|---------------------|-------------------|--|---------------------|-------------------|--|-----------------|-------------------|
| <b>Status:</b>   | Closed  | <b>Priority:</b>    | Must have         |  |                     |                   |  |                 |                   |
| <b>Author:</b>   | Bastian Waidelich   | <b>Category:</b>    | ViewHelpers       |  |                     |                   |  |                 |                   |
| <b>Created:</b>  | 2010-08-09  | <b>Assigned To:</b> | Bastian Waidelich |  |                     |                   |  |                 |                   |
| <b>Updated:</b>  | 2012-05-08  | <b>Due date:</b>    |                   |  |                     |                   |  |                 |                   |
| <b>Has patch:</b>  | No  |                     |                   |  |                     |                   |  |                 |                   |
| <b>Subject:</b>  | Improve handling of bound properties in checkbox, radio and select ViewHelpers  |                     |                   |  |                     |                   |  |                 |                   |
| <b>Description</b>   | <p>Currently the behavior for form.checkbox, form.radio &amp; form.select ViewHelpers is not clear and leads to errors when bound to objects. See #8854 for example.</p> <p>We'll have to define, what output is expected in which case to be able to properly refactor these ViewHelpers.</p>                                |                     |                   |  |                     |                   |  |                 |                   |
| <b>Related issues:</b>   | <table><tr><td>related to TYPO3.Fluid - Task # 5636: Form_RadioViewHelper and CheckBoxLayoutHe...</td><td><b>Under Review</b></td><td><b>2009-12-05</b></td></tr><tr><td>related to TYPO3.Fluid - Bug # 8854: form.checkbox ViewHelper throws Exceptio...</td><td><b>Resolved</b></td><td><b>2010-07-14</b></td></tr></table> |                     |                   | related to TYPO3.Fluid - Task # 5636: Form_RadioViewHelper and CheckBoxLayoutHe... | <b>Under Review</b> | <b>2009-12-05</b> | related to TYPO3.Fluid - Bug # 8854: form.checkbox ViewHelper throws Exceptio... | <b>Resolved</b> | <b>2010-07-14</b> |
| related to TYPO3.Fluid - Task # 5636: Form_RadioViewHelper and CheckBoxLayoutHe... | <b>Under Review</b>   | <b>2009-12-05</b>   |                   |  |                     |                   |  |                 |                   |
| related to TYPO3.Fluid - Bug # 8854: form.checkbox ViewHelper throws Exceptio...   | <b>Resolved</b>   | <b>2010-07-14</b>   |                   |  |                     |                   |  |                 |                   |

### History

#### #1 - 2010-08-09 14:51 - Bastian Waidelich

- File *given\_v1.png* added
- File *form.checkbox\_v1.png* added
- File *form.radio\_v1.png* added

Attached is a first version of an input-output-matrix for checkbox and radio ViewHelpers. A sheet for select ViewHelper follows.

Feel free to comment

#### #2 - 2010-08-09 15:32 - Bastian Waidelich

- File *given\_v2.png* added
- File *form.checkbox\_v2.png* added
- File *form.radio\_v2.png* added

Added examples for properties of type string/integer after discussion with Michael Feinbier.

#### #3 - 2010-08-09 20:01 - Bastian Waidelich

- File *deleted (given\_v1.png)*

#### #4 - 2010-08-09 20:01 - Bastian Waidelich

- File *deleted (form.checkbox\_v1.png)*

#### #5 - 2010-08-09 20:01 - Bastian Waidelich

- File *deleted (form.radio\_v1.png)*

#### #6 - 2010-08-09 20:01 - Bastian Waidelich

- File deleted (*given\_v2.png*)

**#7 - 2010-08-09 20:01 - Bastian Waidelich**

- File deleted (*form.checkbox\_v2.png*)

**#8 - 2010-08-09 20:01 - Bastian Waidelich**

- File deleted (*form.radio\_v2.png*)

**#9 - 2010-08-09 20:03 - Bastian Waidelich**

- File *given\_v3.png* added

- File *form.checkbox\_v3.png* added

- File *form.radio\_v3.png* added

- File *form.select\_v3.png* added

- File *9214\_improve\_checkbox\_radio\_and\_select\_viewhelpers.xlsx* added

Updated version of the input-output matrices and the corresponding Excel file

**#10 - 2010-08-10 11:12 - Michael Feinbier**

- File *9214\_improve\_checkbox\_radio\_and\_select\_viewhelpers\_mf.xls* added

Hey

thanks for your work on this :)

I think you missed the value-attribute in the form.select matrix. The combination of both value and option is important for the behaviour of this viewHelper.

I updated your Excel-sheet in the select-tab. I did the matrix for "tags" and "hidden" already. If I find some additional time today I will do the rest of it.

**#11 - 2011-02-03 18:19 - Peter Niederlag**

any updates on this? can we help out somehow?

**#12 - 2011-02-03 18:23 - Michael Feinbier**

Hey Peter,

I started to work on this some days ago. Would be nice if you have a look at the matrix and see, if you miss something

**#13 - 2011-02-03 18:46 - Bastian Waidelich**

- Priority changed from *Should have* to *Must have*

Michael Feinbier wrote:

| *I started to work on this some days ago.*

That's great. This seems to be one of the burning issues!

**#14 - 2011-05-06 10:03 - Sebastian Kurfuerst**

- Target version set to 1.0 beta 2

- Parent task set to #26658

**#15 - 2011-07-28 16:46 - Christopher Seidel**

Hi,

i hope this is okay for you but i had problems with the checkbox Viewhelper and ObjectStorages. I wasnt able to bind an ObjectStorage to a checkbox but i made a small solution to fix this problem.

Old code:

```

} elseif (is_array($propertyValue)) {
    $checked = in_array($valueAttribute, $propertyValue);
    $nameAttribute .= '[]';
} else {
    throw new Tx_Fluid_Core_ViewHelper_Exception("Checkbox viewhelpers can only be bound to properties of type boolean or array.
Property '" . $this->arguments['property'] . "' is of type '" . (is_object($propertyValue) ? get_class($propertyValue) : gettype($propertyValue)) .
"'", 1248261038);
}

```

New Code with added the elseif

```

} elseif (is_array($propertyValue)) {
    $checked = in_array($valueAttribute, $propertyValue);
    $nameAttribute .= '[]';
} elseif (is_object($propertyValue)) {
    foreach ($propertyValue as $value) {
        if($valueAttribute == $value->getUid()) {
            $checked = $value->getUid();
        }
    }
    $nameAttribute .= '[]';
} else {
    throw new Tx_Fluid_Core_ViewHelper_Exception("Checkbox viewhelpers can only be bound to properties of type boolean or
array. Property '" . $this->arguments['property'] . "' is of type '" . (is_object($propertyValue) ? get_class($propertyValue) :
gettype($propertyValue)) . "'", 1248261038);
}

```

**#16 - 2011-09-09 15:20 - Robert Lemke**

- Target version changed from 1.0 beta 2 to 1.0.0

**#17 - 2011-10-20 01:48 - Karsten Dambekalns**

- Target version deleted (1.0.0)

**#18 - 2012-05-08 18:09 - Bastian Waidelich**

- Status changed from Accepted to Closed
- Has patch set to No

Most of this has been resolved in the meantime and the Form framework shows that the Form ViewHelpers work in fact. There are still some glitches, but we should tackle them in smaller change sets.

#### Files

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|   |         |            |                   |
|---|---------|------------|-------------------|
| given_v3.png  | 15 kB   | 2010-08-09 | Bastian Waidelich |
| form.checkbox_v3.png                                      | 29.7 kB | 2010-08-09 | Bastian Waidelich |
| form.radio_v3.png   | 29.9 kB | 2010-08-09 | Bastian Waidelich |
| form.select_v3.png  | 77.7 kB | 2010-08-09 | Bastian Waidelich |
| 9214_improve_checkbox_radio_and_select_viewhelpers.xlsx   | 21.4 kB | 2010-08-09 | Bastian Waidelich |
| 9214_improve_checkbox_radio_and_select_viewhelpers_mf.xls | 37.5 kB | 2010-08-10 | Michael Feinbier  |