

## TYPO3 Core - Bug #69957

Epic # 69955 (Closed): Optimize new Extbase/ Fluid based rewrite of EXT:form

### EXT:form - Fix some problems with Container elements

2015-09-18 21:32 - Bjoern Jacob

<b>Status:</b>	Closed	<b>Start date:</b>	2015-09-24
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>	Form Framework	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	7.5	<b>Complexity:</b>	
<b>TYPO3 Version:</b>	7	<b>Is Regression:</b>	No
<b>PHP Version:</b>		<b>Sprint Focus:</b>	Stabilization Sprint
<b>Tags:</b>			
<b>Description</b>			
There are some findings on RADIOGROUP and OPTIONGROUP.			
<ul style="list-style-type: none"><li>• values are not visualized on the confirmAction view</li><li>• after the validation prohibited to go from showAction to confirmAction, all options of the option-group are checked/activated, for the radio-group, the selected value is not updated, it uses the default value defined in TypoScript</li></ul>			
<pre>enctype = multipart/form-data method = post prefix = tx_form confirmation = 1 postProcessor {     1 = mail     1 {         layout {             label = &lt;b&gt;&lt;em&gt;&lt;labelvalue /&gt;&lt;/em&gt;&lt;/b&gt;         }         senderEmail = foo@test.com         recipientEmail = foo@test.com     } } 10 = HEADER 10 {     class = content-header     headingSize = h1     content = Some form... } 20 = FIELDSET 20 {     legend {         value = Yay!     }     10 = TEXTLINE     10 {         name = firstName         placeholder = First name         label {             value = First Name         }     }     20 = TEXTLINE     20 {         name = lastName         placeholder = Last name         label {             value = Last Name         }     } }</pre>			

```

}
30 = TEXTLINE
30 {
    name = email
    placeholder = oliver@hader.name
    label {
        value = E-Mail
    }
}
40 = CHECKBOXGROUP
40 {
    class = fieldset-subgroup
    legend {
        value = Preference
    }
    name = preference
    10 = CHECKBOX
    10 {
        label {
            value = Option 1
        }
    }
    20 = CHECKBOX
    20 {
        label {
            value = Option 2
        }
    }
    30 = CHECKBOX
    30 {
        label {
            value = Option 3
        }
    }
}
50 = RADIOGROUP
50 {
    class = fieldset-subgroup
    legend {
        value = Choice
    }
    name = choice
    10 = RADIO
    10 {
        label {
            value = Option 1
        }
    }
    20 = RADIO
    20 {
        label {
            value = Option 2
        }
    }
    30 = RADIO
    30 {
        checked = checked
        label {
            value = Option 3
        }
    }
}
30 = SUBMIT
30 {
    name = submit
    value = Submit
}

```

```

}
rules {
  1 = required
  1 {
    breakOnError = 0
    showMessage = 1
    message = Required
    error = This field is required
    element = email
  }
  2 = email
  2 {
    breakOnError = 0
    showMessage = 1
    message = (john.doe@domain.com)
    error = This is not a valid email address
    element = email
  }
}
}

```

#### Subtasks:

Bug # 70091: EXT:form - Typos in the partials	Closed
Bug # 70095: EXT:form - Wrong Checkbox and Radiobutton handling	Closed

#### Related issues:

Related to TYPO3 Core - Bug #69971: EXT:form Error at Mail sending / ObjectSt...	Closed	2015-09-19
Related to TYPO3 Core - Task #69369: EXT:form - Use property value instead of...	Closed	2015-08-27

#### Associated revisions

##### Revision a81bd797 - 2015-09-21 09:18 - Ralf Zimmermann

[BUGFIX] EXT:form - wrong attribute handling

- centralize the attribute rendering method.
- make the attribute overlay methods more complete
- put the container elements foreach within the f:else branch

Resolves: #69957

Releases: master

Change-Id: I7c1f067d23dbd8a5bab4cfd8afa7d70a3e38585a

##### Revision 281bce23 - 2015-09-28 21:17 - Ralf Zimmermann

[BUGFIX] EXT:form - wrong attribute handling

- centralize the attribute rendering method
- fix the attribute overlay methods
  - fix: "select" labels remains empty
  - fix: "textblock" remains empty

Resolves: #69957

Releases: master

Change-Id: I60554dbdf1eb8a25b9dfad820a2bc7bd20704199

Reviewed-on: <http://review.typo3.org/43471>

Reviewed-by: Frans Saris <[franssaris@gmail.com](mailto:franssaris@gmail.com)>

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#### History

##### #1 - 2015-09-18 21:38 - Bjoern Jacob

The problem has already been analyzed and we're working on it.

It's a combination of 3 problems. The checkboxes have no value property which is not a valid configuration. All of the 3 checkboxes are generated with no values and this produces an error. We have to handle incorrect configurations. In addition the attribute overlay stuff in the element builder needs some optimization.

## #2 - 2015-09-19 18:49 - Bjoern Jacob

- Target version set to 7.5

## #3 - 2015-09-21 09:19 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43452>

## #4 - 2015-09-21 09:20 - Ralf Zimmermann

- Status changed from Under Review to New

The patchset fix the following things:

There was 4 rendering functions, which tries to render a message as cObject if allowed.

```
TYPO3\CMS\Form\Controller\FrontendController::renderConfirmationMessage  
TYPO3\CMS\Form\Domain\Builder\ElementBuilder::renderAttributeValue  
TYPO3\CMS\Form\Domain\Validator\AbstractValidator::renderMessage  
TYPO3\CMS\Form\PostProcess\MailPostProcessor::renderMessage
```

But each of them a little bit different.

I unified this 4 functions and put a centralized content rendering method in the

```
TYPO3\CMS\Form\Utility\FormUtility::renderContentObject
```

They handle each possible data input variant.

The attribute overlay methods in

```
TYPO3\CMS\Form\Domain\Builder\ElementBuilder::overlayUserdefinedHtmlAttributeValues
```

and

```
TYPO3\CMS\Form\Domain\Builder\ElementBuilder::moveAllOtherUserdefinedPropertiesToAdditionalArguments
```

was not complete.

This is the new program flow:

- set a attribute based on the typoscript model settings
- if exist this attribute in the user configured typoscript
  - yes
    - if exist a renaming for this attribute
      - yes
        - if exist already the renamed attribute in the user configured typoscript
          - yes
            - render the new named attribute value from the user configured typoscript and set it with the new name
          - no
            - render the original named attribute value from the user configured typoscript and set it with the new name
        - no
      - render the attribute value from the user configured typoscript
    - no
      - render the model setting based value

When programming on Friday night a few careless mistakes happened to me.  
There some bugs in the partials which will be fixed with the patchset.  
Without this fixed it will result in empty html ond / or plaintext parts of the mail,  
depending on the comptibility mode.

## #5 - 2015-09-21 09:33 - Ralf Zimmermann

- Status changed from New to Under Review

- Assignee deleted (Ralf Zimmermann)

**#6 - 2015-09-22 09:00 - Ralf Zimmermann**

- Status changed from *Under Review* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset [a81bd7977d41c5f7d2007b6ceaf89fe02f69bf2a](#).

**#7 - 2015-09-22 11:17 - Bjoern Jacob**

- Status changed from *Resolved* to *Under Review*

- % Done changed from 100 to 0

This is not true. The ticket is not solved and nothing was applied to master IMHO. Still open and under review.

**#8 - 2015-09-22 13:31 - Gerrit Code Review**

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43470>

**#9 - 2015-09-22 13:46 - Gerrit Code Review**

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#10 - 2015-09-22 14:09 - Gerrit Code Review**

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#11 - 2015-09-22 17:52 - Gerrit Code Review**

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#12 - 2015-09-22 17:53 - Ralf Zimmermann**

- Subject changed from *Fix some problems with Container elements* to *EXT:form - Fix some problems with Container elements*

**#13 - 2015-09-22 18:14 - Gerrit Code Review**

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#14 - 2015-09-22 19:21 - Gerrit Code Review**

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#15 - 2015-09-22 20:51 - Gerrit Code Review**

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#16 - 2015-09-22 21:54 - Ralf Zimmermann**

- Status changed from *Under Review* to *In Progress*

Yes i know, is a ugly big patchset. But the most changes have dependencies to others. I want to describe the parts and how to test it.

**#17 - 2015-09-22 22:53 - Gerrit Code Review**

- Status changed from *In Progress* to *Under Review*

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#18 - 2015-09-23 00:11 - Ralf Zimmermann**

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

The patchset fix the following things:

1.

There was 4 rendering functions, which tries to render a message or attribute as cObject if allowed.

```
TYPO3\CMS\Form\Controller\FrontendController::renderConfirmationMessage  
TYPO3\CMS\Form\Domain\Builder\ElementBuilder::renderAttributeValue  
TYPO3\CMS\Form\Domain\Validator\AbstractValidator::renderMessage  
TYPO3\CMS\Form\PostProcess\MailPostProcessor::renderMessage
```

But each of them a little bit different.

I unified this 4 functions and put a centralized item rendering method in the

```
TYPO3\CMS\Form\Utility\FormUtility::renderItem
```

They handle each possible data input variant.

Affected Parts:

- TYPO3\CMS\Form\Controller\FrontendController
- TYPO3\CMS\Form\Domain\Builder\ElementBuilder
- TYPO3\CMS\Form\Domain\Validator\AbstractValidator
- TYPO3\CMS\Form\PostProcess\MailPostProcessor
- TYPO3\CMS\Form\Utility\FormUtility::renderItem

Test:

If the form is rendered by typoscript you can make each setting in a form element to a cObject. A content element within a form typoscript must be displayed (if allowed)

#####

2.

<https://forge.typo3.org/issues/69369>

A function rename attributes for future use.

But the attribute overlay methods in

```
TYPO3\CMS\Form\Domain\Builder\ElementBuilder::overlayUserdefinedHtmlAttributeValues
```

and

```
TYPO3\CMS\Form\Domain\Builder\ElementBuilder::moveAllOtherUserdefinedPropertiesToAdditionalArguments
```

was not complete.

This is the new program flow:

- set a attribute based on the typoscript model settings
- if exist this attribute in the user configured typoscript
  - yes
    - if exist a renaming for this attribute
      - yes
        - if exist already the renamed attribute in the user configured typoscript
          - yes
            - render the new named attribute value from the user configured typoscript and set it with the new name
          - no
            - render the original named attribute value from the user configured typoscript and set it with the new name
        - no
          - render the attribute value from the user configured typoscript
      - no
        - render the model setting based value

Affected Parts:

- TYPO3\CMS\Form\Domain\Builder\ElementBuilder
  - the changed parts in the methods `overlayUserdefinedHtmlAttributeValues` and `moveAllOtherUserdefinedPropertiesToAdditionalArguments`
- TYPO3\CMS\Form\Utility\CompatibilityLayerUtility
  - the method `getNewAttributeName`

- TYPO3\CMS\Form\Hooks\HandleIncomingFormValues
  - the TEXTAREA part from line 129
- form/Resources/Private/Partials/Compatibility/Confirmation/FlatElements/Textarea.html
- form/Resources/Private/Partials/Compatibility/PostProcessor/Mail/Html/FlatElements/Textarea.html
- form/Resources/Private/Partials/Compatibility/PostProcessor/Mail/Plain/FlatElements/Textarea.html
- form/Resources/Private/Partials/Compatibility/Show/FlatElements/Textarea.html
- form/Resources/Private/Partials/Compatibility/Show/FlatElements/Textblock.html
- form/Resources/Private/Partials/Default/Confirmation/FlatElements/Textarea.html
- form/Resources/Private/Partials/Default/PostProcessor/Mail/Html/FlatElements/Textarea.html
- form/Resources/Private/Partials/Default/PostProcessor/Mail/Plain/FlatElements/Textarea.html
- form/Resources/Private/Partials/Default/Show/FlatElements/Textarea.html
- form/Resources/Private/Partials/Default/Show/FlatElements/Textblock.html

Test:

- compatibility mode = on
  - define OPTION.text
    - text will be displayed as option label
  - define OPTION.data
    - data will be displayed as option label
  - define both
    - text will be displayed as option label
- compatibility mode = off
  - define OPTION.text
    - text will be displayed as option label
  - define OPTION.data
    - nothing will be displayed as label
  - define both
    - text will be displayed as option label

Try the same for TEXTBLOCK (content) and TEXTAREA (data)

#### #19 - 2015-09-23 17:20 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #20 - 2015-09-24 10:20 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #21 - 2015-09-24 10:24 - Gerrit Code Review

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #22 - 2015-09-24 15:57 - Gerrit Code Review

Patch set 11 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #23 - 2015-09-24 20:29 - Benni Mack

- *Sprint Focus set to Stabilization Sprint*

#### #24 - 2015-09-24 22:32 - Gerrit Code Review

Patch set 12 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #25 - 2015-09-24 23:17 - Gerrit Code Review

Patch set 13 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #26 - 2015-09-25 11:46 - Gerrit Code Review

Patch set 14 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #27 - 2015-09-26 13:23 - Gerrit Code Review

Patch set 15 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

### #28 - 2015-09-26 14:01 - Gerrit Code Review

Patch set 16 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

### #29 - 2015-09-26 14:36 - Gerrit Code Review

Patch set 17 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

### #30 - 2015-09-26 14:40 - Ralf Zimmermann

Here is some typoscript the test this patchset:

```
lib.standardForm = COA
lib.standardForm {
    10 = FORM
    10 {
        confirmation = 1
        prefix = standardForm
        compatibilityMode = 1

        postProcessor {
            1 = mail
            1 {
                senderEmailField = email
                senderNameField = surname
                subjectField = subject
                recipientEmail = x@domain.de
                ccEmail = y@domain.de
                priority = 1
                organization = TRITUM
            }
        }

        10 = COA
        10 {
            10 = TEXT
            10 {
                value = show me
                wrap = <b>|</b>
            }
        }

        20 = TEXTLINE
        20 {
            name = email
            label = TEXT
            label {
                value = show me again
                wrap = <b>|</b>
            }
        }

        30 = SELECT
        30 {
            label = Select
            multiple = 1
            name = selectbox

            10 = OPTION
            10 {
                data = Option 1
                value = value 1
                text = value 1 new
            }

            20 = OPTION
            20 {
                data = Option 2
                value = value 2
                text = value 2 new
            }
        }

        40 = TEXTAREA
```



```

40 {
    data = testcontent
    text = testcontent new
}

50 = TEXTBLOCK
50 {
    content = testcontent
    text = testcontent new
}

100 = SUBMIT
100 {
    name = submit
    value = Submit
}
}

```

Tests:

Without patch (rendered from typoscript):

- the cObject at "10." are visible (already ok)
- the cObject label from "20." are visible (already ok)
- the labels from the selectbox are not visible (bug)
- the the content from the "data" property from "40." is visible (ok, but we want to rename data to text)
- the the content from the "content" property from "50." is not visible (bug)

Without patch (rendered from backend - wizard):

- the cObject at "10." are not visible (already ok)
- the "value" property from the label from "20." are visible, but not rendered as cObject (already ok)
- the labels from the selectbox are not visible (bug)
- the the content from the "data" property from "40." is visible (ok, but we want to rename data to text)
- the the content from the "content" property from "50." is not visible (bug)

With the patch (rendered from typoscript)

- the cObject at "10." are visible
- the cObject label from "20." are visible
- the labels from the selectbox are visible
- the the content from the "data" property from "40." is visible - if "text" is not set
- the the content from the "text" property from "40." is visible - no matter if "data" is set
- the the content from the "data" property from "50." is visible - if "text" is not set
- the the content from the "text" property from "50." is visible - no matter if "content" is set

With the patch (rendered from backend - wizard):

- the cObject at "10." are not visible
- the "value" property from the label from "20." are visible, but not rendered as cObject
- the labels from the selectbox are visible
- the the content from the "data" property from "40." is visible - if "text" is not set
- the the content from the "text" property from "40." is visible - no matter if "data" is set
- the the content from the "data" property from "50." is visible - if "text" is not set
- the the content from the "text" property from "50." is visible - no matter if "content" is set

If compatibility mode is off, the "data" property from OPTION and TEXTAREA and the "content" property from TEXTBLOCK are ignored and all 3 elements use the "text" property.

Please note also comment [#69957#note-18](#)

#### #31 - 2015-09-28 09:38 - Gerrit Code Review

Patch set 18 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #32 - 2015-09-28 10:04 - Gerrit Code Review

Patch set 19 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <http://review.typo3.org/43471>

#### #33 - 2015-09-28 10:59 - Gerrit Code Review

Patch set 20 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/43471>

**#34 - 2015-09-28 13:06 - Gerrit Code Review**

Patch set 21 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#35 - 2015-09-28 13:12 - Gerrit Code Review**

Patch set 22 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#36 - 2015-09-28 19:58 - Gerrit Code Review**

Patch set 23 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/43471>

**#37 - 2015-09-28 21:30 - Ralf Zimmermann**

- *Status changed from Under Review to Resolved*

Applied in changeset [281bce23c0d6d3ce914d945ee89811dfdb51af30](#).

**#38 - 2017-10-19 21:47 - Riccardo De Contardi**

- *Status changed from Resolved to Closed*