

## TYPO3 Core - Bug #90083

### Validators are empty if the same form is rendered multiple times on a page

2020-01-10 13:07 - Ralf Zimmermann

<b>Status:</b>	Closed	<b>Start date:</b>	2020-01-10
<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>		<b>Complexity:</b>	
<b>TYPO3 Version:</b>	9	<b>Is Regression:</b>	
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

There are scenarios in which the same form is rendered several times even though it is only output once on the page. Assuming there is a form plugin with a form with validators on form elements on colPos 10, the following setup would render the plugin twice and output the second rendered plugin.

#### setup.typoscript

```
page = PAGE
page {
    10 = FLUIDTEMPLATE
    10 {
        file = EXT:site_package/Resources/Private/Templates/Index.html

        variables {
            content-col-10 < styles.content.get
            content-col-10.select.where = colPos=10
        }
    }
}

lib.getSomeColPos = CONTENT
lib.getSomeColPos {
    table = tt_content
    select.where = colPos=10
    select.orderBy = sorting
}
```

#### EXT:site\_package/Resources/Private/Templates/Index.html

```
<f:cObject typoscriptObjectPath="lib.getSomeColPos"/>
```

The result is that the validators are missing in the 2nd rendered form.

This is because when the validators are added, a runtime cache is used to prevent validators from being added twice (needed due to internal processes).

When rendering the same 2. form no more validators are added because the form element is not identified clearly enough.

A simple test to fake such a scenario without much effort would be:

#### setup.typoscript

```
page = PAGE
page {
    10 = FLUIDTEMPLATE
    10 {
        file = EXT:site_package/Resources/Private/Templates/Index.html

        variables {
            content < styles.content.get
        }
    }
}
```

```
        content-foo < styles.content.get
    }
}
}
```

EXT:site\_package/Resources/Private/Templates/Index.html

```
{content-foo -> f:format.raw() }
```

or

setup.typoscript

```
page = PAGE
page {
    10 = FLUIDTEMPLATE
    10 {
        file = EXT:site_package/Resources/Private/Templates/CustomContentElement.html
        settings {
            persistenceIdentifier = 1:/form_definitions/test.form.yaml
        }
        extbase.pluginName = Form
        extbase.controllerExtensionName = Formframework
        extbase.controllerName = FormFrontend
        extbase.controllerActionName = perform
    }
}
```

EXT:site\_package/Resources/Private/Templates/CustomContentElement.html

```
<formvh:render persistenceIdentifier="{settings.persistenceIdentifier}" />
<formvh:render persistenceIdentifier="{settings.persistenceIdentifier}" />
```

1:/form\_definitions/test.form.yaml

```
type: Form
identifier: test
label: test
prototypeName: standard
renderables:
-
    type: Page
    identifier: page-1
    label: Step
    renderables:
    -
        defaultValue: ''
        type: Text
        identifier: text-1
        label: Text 1
    -
        defaultValue: ''
        type: Text
        identifier: text-2
        label: Text 2
        properties:
            fluidAdditionalAttributes:
                required: required
        validators:
        -
            identifier: NotEmpty
    -
        defaultValue: ''
        type: Text
        identifier: text-3
        label: Text 3
        properties:
```

```
fluidAdditionalAttributes:
  required: required
validators:
  -
    identifier: NotEmpty
  -
    type: SummaryPage
    identifier: summarypage-1
    label: 'Summary step'
```

result:

## Step

Text 1

Text 2 \*

Text 3 \*

Next step

## Step

Text 1

Text 2

Text 3

Next step

### Related issues:

Related to TYPO3 Core - Bug #88730: Validators of a field with the same ident...	Closed	2019-07-11
Related to TYPO3 Core - Bug #89236: TYPO3 Forms Extension: Required - Indicat...	Closed	2019-09-24

### Associated revisions

#### Revision dbaa9dbc - 2020-02-17 08:47 - Ralf Zimmermann

[BUGFIX] Respect form element instance for validators

Make sure to apply all configured validators if a form is rendered multiple times on the same page.

Resolves: #90083

Releases: master, 9.5

Change-Id: Ife1a8beb985cde4fdb7c635fd98f4e7bc5ccb9db

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+62840>

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#### Revision 10b5e6e9 - 2020-02-17 09:43 - Ralf Zimmermann

[BUGFIX] Respect form element instance for validators

Make sure to apply all configured validators if a form is rendered multiple times on the same page.

Resolves: #90083  
Releases: master, 9.5  
Change-Id: Ife1a8beb985cde4fdb7c635fd98f4e7bc5ccb9db  
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+63230>  
Tested-by: TYPO3com <[noreply@typo3.com](mailto:noreply@typo3.com)>  
Tested-by: Ralf Zimmermann <[ralf.zimmermann@tritum.de](mailto:ralf.zimmermann@tritum.de)>  
Reviewed-by: Ralf Zimmermann <[ralf.zimmermann@tritum.de](mailto:ralf.zimmermann@tritum.de)>

## History

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### #1 - 2020-01-10 13:07 - Ralf Zimmermann

- Related to Bug #88730: Validators of a field with the same identifier is working only once on a page added

### #2 - 2020-01-10 13:08 - Ralf Zimmermann

- Related to Bug #89236: TYPO3 Forms Extension: Required - Indicators (\*) are not shown added

### #3 - 2020-01-10 13:11 - 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 <https://review.typo3.org/c/Packages/TYPO3.CMS/+62840>

### #4 - 2020-01-13 06:46 - Ralf Zimmermann

- Description updated

### #5 - 2020-02-17 08:48 - Gerrit Code Review

Patch set 1 for branch **9.5** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+63230>

### #6 - 2020-02-17 09:00 - Ralf Zimmermann

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [dbaa9dbc910fa72b69dd3af8afd558cb5e9004ae](#).

### #7 - 2020-02-17 09:23 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 2 for branch **9.5** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+63230>

### #8 - 2020-02-17 10:00 - Ralf Zimmermann

- Status changed from Under Review to Resolved

Applied in changeset [10b5e6e9e5f62f5b075ee2e718697d2e84d90925](#).

### #9 - 2020-02-27 12:42 - Benni Mack

- Status changed from Resolved to Closed

## Files

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validators.png	17.8 KB	2020-01-10	Ralf Zimmermann
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