

TYPO3.Neos - Feature # 53321

Status:	Resolved	Priority:	Should have
Author:	Christopher Hlubek	Category:	
Created:	2013-11-04	Assigned To:	Christopher Hlubek
Updated:	2013-11-11	Due date:	
Subject:	Auto-generate TypoScript code for node types		
Description			
<p>A new or changed node type needs an according change to the TypoScript code. To make this process as easy as possible the basic TypoScript code for rendering nodes should be auto-generated.</p> <ul style="list-style-type: none">- Reduce the overhead when implementing node types- Have extensible TypoScript objects per default, instead of using {node.properties.example} as a shortcut- No rendering errors because of missing TypoScript definitions			

Associated revisions

Revision 82dd00ce - 2013-11-11 18:21 - Christopher Hlubek

[!!!][FEATURE] Auto-generate TypoScript from node type configuration

This change refactors the TypoScriptService for easier testing in the RenderingTest and adds the feature of auto-generating TypoScript from the node type configuration.

The generated code for node types is the following::

```
prototype(TYPO3.Neos.NodeTypes:Text) < prototype(TYPO3.Neos.Template) {
    templatePath = 'resource://TYPO3.Neos.NodeTypes/Private/Templates/NodeTypes/Text.html'
    text = ${node.properties.text}
}
```

This is non-breaking as long as the prototype for a node type does not use Array or another TypoScript object, where the additional properties of the auto-generated code could produce unwanted output during rendering.

For these cases it is sufficient to reset the prototype definition in front of the custom declaration::

```
prototype(TYPO3.Neos:Page) >
    prototype(TYPO3.Neos:Page) < prototype(TYPO3.TypoScript:Array) {
    ...
}
```

Due to the changed way of merging the TypoScript relative paths in "include" statements might need to be changed. Relative paths are always resolved from the directory of the current file.

Change-Id: If89c54a3e50f6c17f60b968abeb146daa1659bc4

Resolves: #53321

Reviewed-on: <https://review.typo3.org/25161>

Reviewed-by: Christopher Hlubek

Tested-by: Christopher Hlubek

History

#1 - 2013-11-04 18:52 - Gerrit Code Review

- Status changed from New to Under Review

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

It is available at <https://review.typo3.org/25161>

#2 - 2013-11-05 09:28 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at <https://review.typo3.org/25161>

#3 - 2013-11-05 12:57 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at <https://review.typo3.org/25161>

#4 - 2013-11-11 12:03 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at <https://review.typo3.org/25161>

#5 - 2013-11-11 12:30 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at <https://review.typo3.org/25161>

#6 - 2013-11-11 18:13 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at <https://review.typo3.org/25161>

#7 - 2013-11-11 18:17 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at <https://review.typo3.org/25161>

#8 - 2013-11-11 18:36 - Christopher Hlubek

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:82dd00cee4c089d5fba85bc4f705bb577ba13d43.

