TYPO3.Neos - Bug # 53644

Status:	Resolved	**Priority:**	Should have
Author:	Karsten Dambekalns	**Category:**	
Created:	2013-11-14	**Assigned To:**	Christian Müller
Updated:	2013-12-12	**Due date:**	
Subject:	createAndRender() fails to render element added to Carousel		

Description

The first image element added to a Carousel element is rendered as expected (dummy image). The request sent to callAndRender() is this (edited for clarity):

```
"data": [
  "/sites/jounal/home/tech/on-the-go/back-to-the-future/main/node52851b1557c8b/carouselItems@user-username",

"pageArticle<TYPO3.Neos:Page>/body<TYPO3.TypoScript:Template>/content/main<TYPO3.Neos:PrimaryContent>/journalCommonsArti
mmonsArticle<TYPO3.TypoScript:Matcher>/element<Journal.Commons:Article>/main<TYPO3.Neos:ContentCollection>/itemRenderer<T
enderer<TYPO3.Neos:ContentCase>/default<TYPO3.TypoScript:Matcher>/
element<TYPO3.Neos:ContentCollection>/itemRenderer<TYPO3.Neos:ContentCase>/default<TYPO3.TypoScript:Matcher>/element<Jour
lement<Journal.Commons:Carousel>/carouselItems<TYPO3.Neos:ContentCollection>",
  {"nodeType": "TYPO3.Neos.NodeTypes:Image", "properties": {}},
  "into"
]
```

The second image, regardless of it being added after the existing image or to the Carousel's content collection fails to render and shows an exception:

```
Failed to render element
pageArticle<TYPO3.Neos:Page>/
body<TYPO3.TypoScript:Template>/
content/
main<TYPO3.Neos:PrimaryContent>/
journalCommonsArticle<TYPO3.TypoScript:Matcher>/
element<Journal.Commons:Article>/
main<TYPO3.Neos:ContentCollection>/
itemRenderer<TYPO3.Neos:ContentCase>/
default<TYPO3.TypoScript:Matcher>/
element<Journal.Commons:Carousel>/
carouselItems<TYPO3.Neos:ContentCollection>/
itemRenderer<TYPO3.Neos:ContentCase>/
default<TYPO3.TypoScript:Matcher>/
element<TYPO3.Neos:ContentCollection>/
itemRenderer<TYPO3.Neos:ContentCase>/
default<TYPO3.TypoScript:Matcher>/
element<TYPO3.Neos.NodeTypes:Image>
$subject must be an object or array, NULL given.
```

The request sent in that case is this:

```
"data": [

"/sites/journal/home/tech/on-the-go/back-to-the-future/main/node52851b1557c8b/carouselItems/node52851b354c080@user-username", □
sername",

"pageArticle<TYPO3.Neos:Page>/body<TYPO3.TypoScript:Template>/content/main<TYPO3.Neos:PrimaryContent>/journalCommonsArti
```

```
    mmonsArticle<TYPO3.TypoScript:Matcher>/element<Journal.Commons:Article>/main<TYPO3.Neos:ContentCollection>/itemRenderer<TY
    enderer<TYPO3.Neos:ContentCase>/default<TYPO3.TypoScript:Matcher>
    /element<Journal.Commons:Carousel>/carouselItems<TYPO3.Neos:ContentCollection>/itemRenderer<TYPO3.Neos:ContentCase>/defau
    ase>/default<TYPO3.TypoScript:Matcher>/element<TYPO3.Neos.NodeTypes:Image>",
      {"nodeType": "TYPO3.Neos.NodeTypes:Image", "properties": {}},
      "before"
    ]
```

All as expected (into the carouselItems first, then before a node in the carouselItems), except the typoscriptPath argument, which looks really weird.

History

#1 - 2013-11-15 07:20 - Christian Müller

- Status changed from New to Accepted

- Assigned To set to Christian Müller

#2 - 2013-11-15 10:52 - Aske Ertmann

- Project changed from TYPO3.Media to TYPO3.Neos

#3 - 2013-11-15 14:44 - Christian Müller

Quick update here. The problem is that we are a bit optimistic in \TYPO3\Neos\Service\ExtDirect\V1\Controller\NodeController::createAndRenderAction() with the "parent" TypoScript path. We correctly get the parent path there but we falsely assume that it is always the collection, which is not the case. In fact it will be the matcher most of the time. In this case it leads to an error because we try to use the iterator from the collection in rendering the actual element but because we are not rendering the collection at all the iterator is not in the context in this rendering.

I have a working solution but it is not much more future-proof than what we currently have. I guess we need a base NodeType for ContentCollections if we want to have it extensible.

#4 - 2013-12-12 10:54 - Christian Müller

- Status changed from Accepted to Resolved

Was fixed in https://review.typo3.org/#/c/26127.