

## TYPO3.TypoScript - Task # 48359

Work Package # 48275 (New): TypoScript consistency

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Sebastian Kurfuerst	<b>Category:</b>	
<b>Created:</b>	2013-05-17	<b>Assigned To:</b>	Sebastian Kurfuerst
<b>Updated:</b>	2013-09-23	<b>Due date:</b>	
<b>Subject:</b>	Simple Value / Eel Expression / TypoScript Object Interoperability		
<b>Description</b>			
<p>currently, there is a big distinction between <b>simple values and eel expressions</b>, and sub-TypoScript objects; despite them sharing the same namespace.</p> <p>However, basically, all of the above mentioned three TS data types produce a <b>value</b> which they return to their <b>parent</b>.</p> <p>That's why the following should be made possible:</p> <pre>page.template = "adf" // works today page.template = \${...} // works today page.template = Case { // does NOT work today; but we want to make this possible.   foo.condition = \${...}   foo.then = "myTemplate"   ... }</pre> <p>Same for the other way around:</p> <pre>page.body.sections.main = Template // works today page.body.sections.main = "my static string" // does NOT work today, but we want to make this possible.</pre>			
<b>Related issues:</b>			
related to TYPO3.TypoScript - Task # 48361: Kill processor classes; change pr...		<b>Resolved</b>	<b>2013-05-17</b>
related to TYPO3.TypoScript - Task # 48362: (maybe) rename "matcher" to "if"		<b>New</b>	<b>2013-05-17</b>

### Associated revisions

#### Revision af27c183 - 2013-09-23 21:44 - Sebastian Kurfuerst

[FEATURE] Value / Eel Expression / TypoScript-Object interoperability

Currently, there is a big distinction between simple values and Eel expressions, and sub-TypoScript objects; despite them sharing the same namespace.

However, basically, all of the above mentioned three TS data types produce a value which they return to their parent.

This functionality must be tested in the following three dimensions:

- 1.a using Runtime::evaluate()
- 1.b using \$this->tsValue() inside a TypoScript object
  
- 2.a without processors
- 2.b with processors
  
- 3.a pass in a simple type
- 3.b pass in an Eel Expression
- 3.c pass in a TypoScript object

This change implements the functionality in a test-driven way, testing all the 12 cases from above.

This change also removes all references to "implementationClassName" which was deprecated for a long time now as well. Using "implementationClassName" instead of "@class" was broken anyway so this is not considered breaking.

Resolves: #48359

Change-Id: I3f2569025808f7fa13bee5164b94cbfc982889bf

Reviewed-on: <https://review.typo3.org/21003>

Reviewed-by: Christian Mueller

Tested-by: Christian Mueller

## History

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### #1 - 2013-05-23 10:40 - Sebastian Kurfuerst

TODO: also update the TS reference (TYPO3.TypoScript:Value); and completely remove this type.

### #2 - 2013-05-23 18:12 - Gerrit Code Review

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/21003>

### #3 - 2013-05-23 18:13 - Sebastian Kurfuerst

- Status changed from Accepted to Under Review

- % Done changed from 0 to 30

### #4 - 2013-06-10 08:29 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/21003>

### #5 - 2013-06-10 09:08 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/21003>

**#6 - 2013-06-24 15:19 - Gerrit Code Review**

Patch set 4 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#7 - 2013-07-01 14:14 - Gerrit Code Review**

Patch set 5 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#8 - 2013-07-07 01:24 - Gerrit Code Review**

Patch set 6 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#9 - 2013-07-07 01:49 - Gerrit Code Review**

Patch set 7 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#10 - 2013-07-19 00:49 - Gerrit Code Review**

Patch set 8 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#11 - 2013-07-19 10:46 - Gerrit Code Review**

Patch set 9 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#12 - 2013-07-19 14:14 - Gerrit Code Review**

Patch set 10 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#13 - 2013-07-19 15:56 - Gerrit Code Review**

Patch set 11 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#14 - 2013-07-19 19:47 - Gerrit Code Review**

Patch set 12 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#15 - 2013-07-20 10:12 - Gerrit Code Review**

Patch set 13 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#16 - 2013-07-20 10:26 - Gerrit Code Review**

Patch set 14 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#17 - 2013-07-20 10:37 - Gerrit Code Review**

Patch set 15 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#18 - 2013-07-20 10:48 - Gerrit Code Review**

Patch set 16 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#19 - 2013-07-24 14:02 - Gerrit Code Review**

Patch set 17 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#20 - 2013-08-09 19:48 - Gerrit Code Review**

Patch set 18 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#21 - 2013-09-16 21:59 - Gerrit Code Review**

Patch set 19 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#22 - 2013-09-16 22:08 - Gerrit Code Review**

Patch set 20 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#23 - 2013-09-23 21:40 - Gerrit Code Review**

Patch set 21 for branch **master** has been pushed to the review server.  
It is available at <https://review.typo3.org/21003>

**#24 - 2013-09-23 22:35 - Sebastian Kurfuerst**

- *Status changed from Under Review to Resolved*

- *% Done changed from 30 to 100*

Applied in changeset commit:af27c1837f290746ff497656692d089807d0be24.