

## TYPO3.Fluid - Feature # 53059

<b>Status:</b>	Closed	<b>Priority:</b>	Should have
<b>Author:</b>	Bastian Waidelich	<b>Category:</b>	Core
<b>Created:</b>	2013-10-23	<b>Assigned To:</b>	Bastian Waidelich
<b>Updated:</b>	2014-12-08	<b>Due date:</b>	

**Has patch:** No

**Subject:** Throw exception for unresolved namespaces

### Description

One major source of errors when working with Fluid is the missing error handling when referring to a ViewHelper namespace that hasn't been declared.

Especially when one extracts parts of the template to a partial the namespace declaration is easily forgotten.

The issue with this is that namespace prefixes are allowed in xml so Fluid can't determine whether `<unknown-namespace:foo />` is a mistyped ViewHelper or a (possibly valid) XML/XHTML tag that has been registered otherwise.

Given the importance of this we should solve this even though it would be a breaking change. We came up with following solution:

```
1{namespace x=Some\Package\ViewHelpers}
2{namespace xs}
3
4<f:foo /> <!-- as before: this would be a valid fluid tag as "f" is always registered (even though it would throw an exception
because there is no VH "FooViewHelper" in the Fluid package -->
5
6<x:some.viewHelper /> <!-- as before: would resolve to \Some\Package\ViewHelpers\Some\ViewHelperViewHelper -->
7
8<xs:element /> <!-- as before but explicit: would be ignored, because the namespace is registered but does not point to a
PHP namespace -->
9
10<unknown:foo /> <!-- new: would throw an exception in Dev context, ignore the tag in Production context because the
namespace "unknown" is not defined -->
11
```

When working with complex XML based files with a lot of namespaces (like XML Schema or LaTeX) it would be tedious to register all the namespaces so we should also support some kind of placeholder syntax like:

```
1{namespace *} <!-- ignores all unknown namespaces (old behavior) -->
2{namespace xs*} <!-- ignores all unknown namespaces that start with "xs" -->
```

Note: a different approach to this would be to configure namespaces not in the Fluid template but in the configuration. See #35766 and the related issues for reasons why we **shouldn't** do this

### Related issues:

related to TYPO3.Fluid - Bug # 30138: Bad error message "TYPO3\FLOW3\Persiste...	<b>Closed</b>	<b>2011-09-20</b>
related to TYPO3.Fluid - Feature # 58557: Define Namespaces in Configuration ...	<b>Rejected</b>	<b>2014-05-06</b>
related to TYPO3.Fluid - Feature # 58829: Register package namespaces automat...	<b>Closed</b>	<b>2014-05-15</b>

## History

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### #1 - 2013-10-23 13:45 - Gerrit Code Review

- Status changed from New to Under Review

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

It is available at <https://review.typo3.org/24971>

### #2 - 2013-11-05 15:31 - Bastian Waidelich

- Assigned To set to Bastian Waidelich

### #3 - 2014-06-11 23:16 - Gerrit Code Review

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

It is available at <https://review.typo3.org/30673>

### #4 - 2014-06-12 11:15 - Gerrit Code Review

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

It is available at <https://review.typo3.org/30673>

### #5 - 2014-06-13 18:27 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.Fluid** has been pushed to the review server.

It is available at <https://review.typo3.org/30673>

### #6 - 2014-12-08 19:24 - Bastian Waidelich

- Status changed from Under Review to Closed

This ticket has been moved to <https://jira.typo3.org/browse/FLOW-150>