

Core - Bug # 56993

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|---|---|---------------------|-------------------|
| Status: | Resolved | Priority: | Should have |
| Author: | Christian Weiske | Category: | Fluid |
| Created: | 2014-03-17 | Assigned To: | |
| Updated: | 2014-03-24 | Due date: | |
| TYPO3 Version: | 6.2 | | |
| PHP Version: | | | |
| Complexity: | | | |
| Is Regression: | No | | |
| Sprint Focus: | | | |
| Subject: | Cached classloader fails with fluid and is_callable() | | |
| Description | | | |
| <p>The new cached classloader tells you</p> <pre> #1233057566: "12:47" is not a valid cache entry identifier.</pre> <p>when is_callable() is used with a string that is not a proper class name.</p> <p>Extbase/Fluid tries to determine if a fluid property path can be called with is_callable(). During path processing, it may call is_callable() with a string that is not a normal class name.</p> <p>Steps to reproduce:</p> <p>1. Extbase controller:</p> <pre> \$this->view->assign('foo', '1:2');</pre> <p>2. Fluid template:</p> <pre> <if condition="{foo.bar}"></if></pre> <p>This happens with TYPO3 6.2beta7.</p> | | | |
| Related issues: | | | |
| related to Core - Task # 56797: Cleanup ClassLoader | | Resolved | 2014-03-11 |

Associated revisions

Revision 904dfaaa - 2014-03-24 17:36 - Helmut Hummel

[BUGFIX] Don't access property if subject is scalar

Trying to access a property if the subject is a string, causes the class loader to be triggered as is_callable is invoked.

We can avoid that by checking if the subject is an object or array. We can neglect that

is_scalar also returns false for resource types
as this will not really happen in practice.

Resolves: #56993

Releases: 6.2

Change-Id: I94754cd919acc857cd9a8b8e486080c0bf567112

Reviewed-on: <https://review.typo3.org/28586>

Reviewed-by: Alexander Opitz

Tested-by: Alexander Opitz

Reviewed-by: Christian Weiske

Tested-by: Christian Weiske

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

History

#1 - 2014-03-17 14:22 - Christian Weiske

The "Cleanup ClassLoader" task #56797 removed a try/catch-Block which caught this exception previously.

#2 - 2014-03-17 14:39 - 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/28467>

#3 - 2014-03-21 00:25 - Helmut Hummel

- Status changed from Under Review to Needs Feedback

Christian Weiske wrote:

| when `is_callable()` is used with a string that is not a proper class name.

can you please provide the class and line where these checks are performed?

| Extbase/Fluid tries to determine if a fluid property path can be called with `is_callable()`. During path processing, it may call `is_callable()` with a string that is not a normal class name.

| Steps to reproduce:

| 1. Extbase controller:

| `$this->view->assign('foo', '1:2');`

| 2. Fluid template:

| `<if condition="{foo.bar}"></if>`

could not trigger this with this code (class loader is not triggered with class name "1:2")

#4 - 2014-03-21 00:32 - Helmut Hummel

Helmut Hummel wrote:

Christian Weiske wrote:

Steps to reproduce:

1. Extbase controller:

```
$this->view->assign('foo', '1:2');
```

2. Fluid template:

```
<if condition="{foo.bar}"></if>
```

could not trigger this with this code (class loader is not triggered with class name "1:2")

Ah, OK, could reproduce it now.

Can you provide a real use case where this can happen?

`$this->view->assign('foo', '1:2');` and then `<if condition="{foo.bar}"></if>` is not nice to fatal there (which is fixed now btw), but it also does not look like it makes much sense to do things like that ;)

Anyway, if we can avoid triggering the class loader in Fluid, we should do so. For that we need to understand the use case and how we then can deal with that in Fluid

#5 - 2014-03-21 07:33 - Christian Weiske

We have some partials that used to render generic data elements.

For example:

```
$data[] = (object)array('value' => 12.5, 'unit' => 'C');  
$data[] = '12:05';
```

Those data are aggregated from different APIs.

Now our partial contains the following code to determine if it is a unit/value datum or not:

```
<if condition="{datum.value}">  
  <then>{datum.value} {datum.unit}</then>  
  <else>{datum}</else>  
</if>
```

I think this is a sensible use case.

#6 - 2014-03-21 08:20 - Gerrit Code Review

- Status changed from Needs Feedback 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/28586>

#7 - 2014-03-21 08:21 - Helmut Hummel

Christian Weiske wrote:

We have some partials that used to render generic data elements.

Those data are aggregated from different APIs.

Now our partial contains the following code to determine if it is a unit/value datum or not:

Thanks.

I think this is a sensible use case.

Absolutely! I pushed a patchset to prevent the lookup if the subject is a scalar (neither array nor object)

#8 - 2014-03-24 18:30 - Helmut Hummel

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:904dfaaae0688a87bdaacd02e33849417d94e508.