

## TYPO3.Flow - Bug #44278

### High memory consumption of Debugger::renderObjectDump() prevents display of Exceptions

2013-01-02 17:43 - Benno Weinzierl

<b>Status:</b>	Resolved	<b>Start date:</b>	2013-01-02
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>	Karsten Dambekalns	<b>% Done:</b>	100%
<b>Category:</b>	Error	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.0	<b>Complexity:</b>	easy
<b>PHP Version:</b>			
<b>Has patch:</b>	No		

**Description**

When an arbitrary Exception is thrown i get a "Allowed memory Limit"-Error instead of the Flow Exception-Errormessage.

This seems to occure because \Doctrine\Common\Util\Debug::export(\$object, 12) is called with 12 nesting levels. In TYPO3\Flow\Error\Debugger:

```
....
static protected function renderObjectDump($object, $level, $renderProperties = TRUE, $plaintext = FALSE, $ansiColors = FALSE) {
    $dump = '';
    $scope = '';
    $additionalAttributes = '';

    if ($object instanceof \Doctrine\Common\Collections\Collection) {
        return self::renderArrayDump(\Doctrine\Common\Util\Debug::export($object, 12), $level, $plaintext, $ansiColors);
    }
    ...
}
```

if i change the 12 to 6 for example it works.  
Should this not be at least configurable via Settings.yaml?

**Related issues:**

Has duplicate TYPO3.Flow - Bug #30714: \TYPO3\FLOW3\var_dump() memory use cau...	<b>Closed</b>	<b>2011-10-10</b>
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#### Associated revisions

##### Revision 261af722 - 2013-01-24 09:04 - Karsten Dambekalns

[BUGFIX] Fix high memory consumption of renderObjectDump()

This change reduces the maximum recursion level for Doctrine Collection dumps from 12 to 3. This reduces memory consumption during exception handling and when using \TYPO3\Flow\var\_dump().

Change-Id: I50fb3d0ad619bd8212221ee5b5032b474b8cfc7d

Fixes: #44278

Releases: master, 2.0

##### Revision 4e54aaa0 - 2013-01-24 13:58 - Karsten Dambekalns

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Fixes: #44278

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#### History

**#1 - 2013-01-11 14:20 - Bastian Waidelich**

- Priority changed from *Should have* to *Could have*

I had the same issue and your change fixed it for me.

But IMO we should rather "fix" the object dumper to avoid recursive loops and maybe a check for memory consumption..

It doesn't make sense to make this configurable I think, because it greatly depends on your objects so this should be cleverer itself

**#2 - 2013-01-11 14:54 - Bastian Waidelich**

- Priority changed from *Could have* to *Should have*

**#3 - 2013-01-22 16:57 - Martin Brüggemann**

- Priority changed from *Should have* to *Must have*

THIS IS A BIG TYPO3 FLOW **SHOWSTOPPER FOR BEGINNERS** (not me ;) We should lower the recursion loops from 12 to 3-6!!!

**#4 - 2013-01-23 07:16 - Karsten Dambekalns**

- Status changed from *New* to *Accepted*

- Assignee set to *Karsten Dambekalns*

**#5 - 2013-01-24 09:04 - Gerrit Code Review**

- Status changed from *Accepted* to *Under Review*

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

It is available at <https://review.typo3.org/17686>

**#6 - 2013-01-24 10:37 - Karsten Dambekalns**

- Status changed from *Under Review* to *Resolved*

- % Done changed from *0* to *100*

Applied in changeset [261af722510782a060ca78f49f7d730709e27064](#).

**#7 - 2013-01-24 13:58 - Gerrit Code Review**

- Status changed from *Resolved* to *Under Review*

Patch set 1 for branch **2.0** has been pushed to the review server.

It is available at <https://review.typo3.org/17688>

**#8 - 2013-01-26 12:37 - Karsten Dambekalns**

- Status changed from *Under Review* to *Resolved*

Applied in changeset [4e54aaa06849f6ddcb8bf48fed9089e75f0b02fe](#).