

TYPO3 Core - Bug #78977

Fatal error: Failed to retrieve the reflection object in Extbase Reflection Service

2016-12-13 14:47 - Stefan Rotsch

Status:	Closed	Start date:	2016-12-13
Priority:	Must have	Due date:	
Assignee:		% Done:	100%
Category:	Extbase	Estimated time:	0.00 hour
Target version:	next-patchlevel	Complexity:	
TYPO3 Version:	6.2	Is Regression:	Yes
PHP Version:	5.6	Sprint Focus:	
Tags:			
Description			
<p>With fixing the caching of MethodReflection objects in #78915, there is an issue now which leads to a fatal error when trying to read the reflection properties of a MethodReflection object restored from cache.</p> <pre>Fatal error: ReflectionFunctionAbstract::getDocComment(): Internal error: Failed to retrieve the reflection object in /var/www/htdocs/typo3_src/typo3/sysex/extbase/Classes/Reflection/MethodReflection.php on line 120</pre> <p>When writing a MethodReflection object to cache, the object gets serialized. As serialize does not take care of virtual properties (such as the reflection properties), the reflection information gets lost. Trying to access reflection properties on an object resumed from cache causes the fatal error.</p> <p>To fix the error it seems sufficient to call the reflection object's <code>__toString()</code> method before serializing it.</p>			
Related issues:			
Follows TYPO3 Core - Bug #78915: Critical performance bug in Extbase Reflecti...		Closed	2016-12-08

Associated revisions

Revision 1d0f1c2c - 2016-12-15 09:56 - Helmut Hummel

Revert "[BUGFIX] Reflection Cache does not save methodReflections"

Internal PHP classes including the `\ReflectionMethod` are not serializable. Doing so results in a fatal error at some point. The reported issue must be solved differently.

This reverts commit a5c1e222bf9858f5a44af1007cd9e1677b9a534d.

Reverts: [#78915](#)

Resolves: [#78977](#)

Releases: master, 7.6, 6.2

Change-Id: I1161b97eb04d0b1ba8ca59b3008d3f62c6ea1cf5

Reviewed-on: <https://review.typo3.org/50963>

Reviewed-by: Markus Klein <markus.klein@typo3.org>

Tested-by: Markus Klein <markus.klein@typo3.org>

Reviewed-by: Nicole Cordes <typo3@cordes.co>

Tested-by: Nicole Cordes <typo3@cordes.co>

Tested-by: TYPO3com <no-reply@typo3.com>

Revision 60cc6128 - 2016-12-15 10:57 - Helmut Hummel

Revert "[BUGFIX] Reflection Cache does not save methodReflections"

Internal PHP classes including the `\ReflectionMethod` are not serializable. Doing so results in a fatal error at some point. The reported issue must be solved differently.

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Reverts: [#78915](#)

Resolves: [#78977](#)

Releases: master, 7.6, 6.2

Change-Id: I1161b97eb04d0b1ba8ca59b3008d3f62c6ea1cf5

Reviewed-on: <https://review.typo3.org/50968>

Reviewed-by: Stefan Rotsch <stefan.rotsch@aoe.com>
Tested-by: Stefan Rotsch <stefan.rotsch@aoe.com>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Nicole Cordes <typo3@cordes.co>
Tested-by: Nicole Cordes <typo3@cordes.co>

Revision 18b19ea9 - 2016-12-15 11:01 - Nicole Cordes

Revert "[BUGFIX] Reflection Cache does not save methodReflections"

Internal PHP classes including the \ReflectionMethod are not serializable. Doing so results in a fatal error at some point. The reported issue must be solved differently.

This reverts commit a5c1e222bf9858f5a44af1007cd9e1677b9a534d.

Reverts: #78915
Resolves: #78977
Releases: master, 7.6, 6.2
Change-Id: I1161b97eb04d0b1ba8ca59b3008d3f62c6ea1cf5
Reviewed-on: <https://review.typo3.org/50969>
Reviewed-by: Stefan Rotsch <stefan.rotsch@aoe.com>
Tested-by: Stefan Rotsch <stefan.rotsch@aoe.com>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Nicole Cordes <typo3@cordes.co>
Tested-by: Nicole Cordes <typo3@cordes.co>

Revision 5b7c3f6f - 2016-12-16 00:11 - Helmut Hummel

[BUGFIX] Optimize cache handling in ReflectionService

Method reflection objects are used temporarily to extract information from methods. This information is eventually stored in the cache. However the method reflection objects themselves must stay outside the cache because they cannot be serialized. They also do not provide much value as the information is stored in the cache anyway. The only additional info these reflections provided is whether a method existed or not in the class, which we now also cache as plain array.

Furthermore the information whether cache relevant properties were updated and the cache needs to be saved again is now reset once it was written. This ensures that the cache is only written once even the ReflectionService is used multiple times.

Resolves: #78915
Resolves: #78977
Releases: master, 7.6, 6.2
Change-Id: I1d00f596633adab886c0db0dfddd71358fb67303
Reviewed-on: <https://review.typo3.org/50953>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Tymoteusz Motylewski <t.motylewski@gmail.com>
Tested-by: Tymoteusz Motylewski <t.motylewski@gmail.com>
Reviewed-by: Stefan Rotsch <stefan.rotsch@aoe.com>
Tested-by: Stefan Rotsch <stefan.rotsch@aoe.com>
Reviewed-by: Markus Klein <markus.klein@typo3.org>
Tested-by: Markus Klein <markus.klein@typo3.org>

Revision 49839358 - 2016-12-16 01:18 - Helmut Hummel

[BUGFIX] Optimize cache handling in ReflectionService

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Resolves: #78915
Resolves: #78977

Releases: master, 7.6, 6.2
Change-Id: I1d00f596633adab886c0db0dfddd71358fb67303
Reviewed-on: <https://review.typo3.org/50980>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Markus Klein <markus.klein@typo3.org>
Tested-by: Markus Klein <markus.klein@typo3.org>

Revision 5124e88a - 2016-12-16 01:46 - Helmut Hummel

[BUGFIX] Optimize cache handling in ReflectionService

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Resolves: #78915
Resolves: #78977
Releases: master, 7.6, 6.2
Change-Id: I1d00f596633adab886c0db0dfddd71358fb67303
Reviewed-on: <https://review.typo3.org/50984>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Nicole Cordes <typo3@cordes.co>
Tested-by: Nicole Cordes <typo3@cordes.co>

History

#1 - 2016-12-13 23:44 - 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/50953>

#2 - 2016-12-14 09:47 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/50953>

#3 - 2016-12-14 18:25 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/50953>

#4 - 2016-12-15 01:20 - Gerrit Code 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/50963>

#5 - 2016-12-15 01:21 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/50963>

#6 - 2016-12-15 01:39 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/50953>

#7 - 2016-12-15 01:51 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/50953>

#8 - 2016-12-15 03:11 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/50953>

#9 - 2016-12-15 09:43 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50953>

#10 - 2016-12-15 09:45 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50963>

#11 - 2016-12-15 09:53 - Gerrit Code Review

Patch set 1 for branch **TYPO3_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50967>

#12 - 2016-12-15 09:55 - Gerrit Code Review

Patch set 2 for branch **TYPO3_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50967>

#13 - 2016-12-15 10:00 - Helmut Hummel

- Status changed from *Under Review* to *Resolved*
- % Done changed from 0 to 100

Applied in changeset [1d0f1c2c35bef195bb4ee7a16db1fad719ad6dc2](#).

#14 - 2016-12-15 10:52 - Gerrit Code Review

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

Patch set 1 for branch **TYPO3_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50968>

#15 - 2016-12-15 10:53 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50969>

#16 - 2016-12-15 11:00 - Helmut Hummel

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

Applied in changeset [60cc6128e7036d9a307638e47b01eeea8711d255](#).

#17 - 2016-12-16 00:10 - Gerrit Code Review

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

Patch set 1 for branch **TYPO3_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50980>

#18 - 2016-12-16 00:30 - Helmut Hummel

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

Applied in changeset [5b7c3f6f9abeb04a0e8803b82dea5a002fd69df0](#).

#19 - 2016-12-16 01:25 - Gerrit Code Review

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

Patch set 1 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50984>

#20 - 2016-12-16 01:27 - Gerrit Code Review

Patch set 2 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50984>

#21 - 2016-12-16 01:30 - Helmut Hummel

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

Applied in changeset [4983935849938f12ba9b5782b3121b0edc8d4550](#).

#22 - 2016-12-16 01:38 - Gerrit Code Review

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

Patch set 3 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/50984>

#23 - 2016-12-16 02:00 - Helmut Hummel

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

Applied in changeset [5124e88a7f4319b593fbf2dbfac767afb7dc0435](#).

#24 - 2018-10-02 11:04 - Benni Mack

- Status changed from *Resolved* to *Closed*