TYPO3 Core - Task #64361
Improve class loading performance
2015-01-19 17:24 - Helmut Hummel

Status: Closed  Start date: 2015-01-19
Priority: Should have  Due date:
Assignee:  % Done: 100%
Category:  Estimated time: 0.00 hour
Target version:  Complexity:
TYPO3 Version: 6.2  
PHP Version:  
Tags: Sprint Focus: 

Description
Use composer class loader for better performance

Require composer class loader early in the bootstrap gives us many benefits:

1. Very early classes can be found and loaded very early in the bootstrap
2. Get rid of complexity for default cases
3. Test classes will only loadable in testing context
4. Cache warmup will be much faster as much less files need to be written

Related issues:
- Related to TYPO3 Core - Bug #64669: Fix class alias functionality that was br...  Closed  2015-01-30
- Related to TYPO3 Core - Bug #64376: Class aliases not respected in certain si...  Closed  2015-01-20
- Related to TYPO3 Core - Bug #64873: Make composer class loading case insensitive  Closed  2015-02-05
- Related to TYPO3 Core - Bug #65667: ObjectManager can't resolve underscored n...  Closed  2015-03-11
- Related to TYPO3 Core - Bug #65688: Using TYPO3_COMPOSER_AUTOLOAD requires po...  Closed  2015-03-12
- Related to TYPO3 Core - Bug #57604: PackageManager is unable to resolve compo...  Closed  2014-04-03

Associated revisions
Revision 9b556438 - 2015-01-19 20:22 - Helmut Hummel

[FEATURE] Use composer class loader for better performance

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Further details can be found on the wiki [http://wiki.typo3.org/ComposerClassLoader](http://wiki.typo3.org/ComposerClassLoader)

Resolves: #64361
Releases: master, 6.2
Change-Id: 1da22edf8383a9706726a8fdd11297b2983d17b1a

2020-02-23
Revision 77966170 - 2015-01-19 20:44 - Helmut Hummel

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Resolves: #64361
Releases: master, 6.2
Change-Id: lida22edf8383a9706726a8fdd11297b2983d17b1a

Revision ef5068c6 - 2015-01-19 21:29 - Helmut Hummel

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Resolves: #64361
Releases: master, 6.2
Change-Id: lida22edf8383a9706726a8fdd11297b2983d17b1a

Revision f7434c49 - 2015-01-19 21:32 - Helmut Hummel

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Resolves: #64361

2020-02-23
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8ffd11297b2983d17b1a

Revision 9f6cce3 - 2015-01-19 22:10 - Helmut Hummel

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Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8ffd11297b2983d17b1a
Reviewed-on: [http://review.typo3.org/36091](http://review.typo3.org/36091)
Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>
Tested-by: Wouter Wolters <typo3@wouterwolters.nl>
Reviewed-by: Markus Klein <klein.t3@reelworx.at>
Reviewed-by: Benjamin Mack <benni@typo3.org>
Tested-by: Benjamin Mack <benni@typo3.org>
Tested-by: Helmut Hummel <helmut.hummel@typo3.org>
Reviewed-by: Helmut Hummel <helmut.hummel@typo3.org>


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Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8ffd11297b2983d17b1a
Revision 15bde67f - 2015-01-19 23:24 - Helmut Hummel

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Resolves: #64361
Releases: master, 6.2
Change-Id: lida22ed8383a9706726a8f1dd11297b2983d17b1a
Reviewed-on: [http://review.typo3.org/36124](http://review.typo3.org/36124)
Reviewed-by: Helmut Hummel <helmut.hummel@typo3.org>
Tested-by: Helmut Hummel <helmut.hummel@typo3.org>
Reviewed-by: Benjamin Mack <benni@typo3.org>
Tested-by: Benjamin Mack <benni@typo3.org>
Reviewed-by: Markus Klein <klein.t3@reelworx.at>
Tested-by: Markus Klein <klein.t3@reelworx.at>

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Revision 89f9ec40 - 2015-03-14 20:46 - Helmut Hummel

[BUGFIX] Resolve class name from aliases managed by composer

The old class loader has API to return the original class name when given an alias. This API was not respected when implementing composer class loading with #64361 with the result that it was broken for all classes and aliases managed by the composer class loader.

To address this issue, the composer class loader is now injected into the old class alias map, so that it can resolve class names from aliases managed by it.

Related: #64361
Resolves: #65667
Releases: 6.2, master
Change-Id: lflb5098d721477e7d76e97ee61c81d87cad72b4b
Reviewed-on: [http://review.typo3.org/37825](http://review.typo3.org/37825)
Reviewed-by: Sascha Nowak <sascha.nowak@netlogix.de>
Tested-by: Sascha Nowak <sascha.nowak@netlogix.de>
Reviewed-by: Markus Klein <klein.t3@reelworx.at>
Tested-by: Markus Klein <klein.t3@reelworx.at>

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Related: #64361
Resolves: #65667
Releases: 6.2, master
Change-Id: If0b5098d72147fe7d7e97ee61c81d87cad72b4b
Reviewed-on: http://review.typo3.org/37915
Reviewed-by: Helmut Hummel <helmut.hummel@typo3.org>
Reviewed-by: Markus Klein <klein.t3@reelworx.at>
Reviewed-by: Nicole Cordes <typo3@cordes.co>
Tested-by: Helmut Hummel <helmut.hummel@typo3.org>

History

#1 - 2015-01-19 17:24 - Gerrit Code Review
- Status changed from New to Under Review

Patch set 4 for branch master of project Packages/TYPO3.CMS has been pushed to the review server. It is available at http://review.typo3.org/36091

#2 - 2015-01-19 18:12 - 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 http://review.typo3.org/36091

#3 - 2015-01-19 18:30 - 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 http://review.typo3.org/36091

#4 - 2015-01-19 18:57 - 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 http://review.typo3.org/36091

#5 - 2015-01-19 20:24 - Gerrit Code Review
Patch set 8 for branch master of project Packages/TYPO3.CMS has been pushed to the review server. It is available at http://review.typo3.org/36091

#6 - 2015-01-19 20:46 - 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 http://review.typo3.org/36124

#7 - 2015-01-19 21:00 - Helmut Hummel
- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset 9b55643895f2dea260ad15656a730af55c42356c.

- Status changed from Resolved to Under 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 http://review.typo3.org/36124

- Status changed from Under Review to Resolved

Applied in changeset ef5068c6877c17f00df6cea573ca980963561380.

#10 - 2015-01-19 21:30 - Helmut Hummel
- Status changed from Under Review to Resolved

Applied in changeset ef5068c6877c17f00df6cea573ca980963561380.

- 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 http://review.typo3.org/36124

#12 - 2015-01-19 22:00 - Helmut Hummel
- Status changed from Under Review to Resolved

Applied in changeset f7434c49e554ee20eab47df3688d49c3bd80d296.

- Status changed from Resolved to Under Review

Patch set 4 for branch TYPO3_6-2 of project Packages/TYPO3.CMS has been pushed to the review server. It is available at http://review.typo3.org/36124

#14 - 2015-01-19 23:00 - Helmut Hummel
- Status changed from Under Review to Resolved

Applied in changeset f7434c49e554ee20eab47df3688d49c3bd80d296.
#15 - 2018-10-02 11:46 - Benni Mack

- Status changed from Resolved to Closed