Core - Task # 64361

Status:	Resolved	**Priority:**	Should have
Author:	Helmut Hummel	**Category:**	
Created:	2015-01-19	**Assigned To:**	
Updated:	2015-01-19	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	
Sprint Focus:	

Subject:	Improve class loading performance

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 Core - Bug # 64669: Fix class alias functionality that was broken ...	**Closed**	**2015-01-30**
related to Core - Bug # 64376: Class aliases not respected in certain situations	**Resolved**	**2015-01-20**
related to Core - Bug # 64873: Make composer class loading case insensitive	**Resolved**	**2015-02-05**
related to Core - Bug # 65667: ObjectManager can't resolve underscored namesp...	**Resolved**	**2015-03-11**
related to Core - Bug # 65688: Using TYPO3_COMPOSER_AUTOLOAD requires post-au...	**Resolved**	**2015-03-12**
related to Core - Bug # 57604: PackageManager is unable to resolve composer P...	**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

Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8fdd11297b2983d17b1a

Revision 77966170 - 2015-01-19 20:44 - Helmut Hummel

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Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8fdd11297b2983d17b1a

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

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Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8fdd11297b2983d17b1a

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

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Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8fdd11297b2983d17b1a

Revision 9f6ccce3 - 2015-01-19 22:10 - Helmut Hummel

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Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8fdd11297b2983d17b1a
Reviewed-on: 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>

Revision 2a4f702e - 2015-01-19 22:58 - Helmut Hummel

[FEATURE] Use composer class loader for better performance

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Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8fdd11297b2983d17b1a

Revision 15bde67f - 2015-01-19 23:24 - Helmut Hummel

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Resolves: #64361
Releases: master, 6.2
Change-Id: Ida22edf8383a9706726a8fdd11297b2983d17b1a
Reviewed-on: 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>

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: If0b5098d72147fe7d76e97ee61c81d87cad72b4b
Reviewed-on: 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>

Revision cf02cd79 - 2015-03-18 11:13 - Helmut Hummel

[BUGFIX] Resolve class name from aliases managed by composer

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when given an alias. This API was not respected when implementing
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To address this issue, the composer class loader is now injected into
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managed by it.

Related: #64361
Resolves: #65667
Releases: 6.2, master
Change-Id: If0b5098d72147fe7d76e97ee61c81d87cad72b4b

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 commit:9b55643895f2dea260ad15656e730af55c42356c.

#8 - 2015-01-19 21:28 - Gerrit Code Review

- 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

#9 - 2015-01-19 21:29 - Gerrit Code 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

#10 - 2015-01-19 21:30 - Helmut Hummel

- Status changed from Under Review to Resolved

Applied in changeset commit:ef5068c6877c17f00df6cea573ca980963561380.

#11 - 2015-01-19 21:32 - Gerrit Code Review

- Status changed from Resolved to Under Review

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

It is available at http://review.typo3.org/36091

#12 - 2015-01-19 22:00 - Helmut Hummel

- Status changed from Under Review to Resolved

Applied in changeset commit:f7434c49e554ee20eab47df3688d49c3bd80d296.

#13 - 2015-01-19 22:58 - Gerrit Code Review

- 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 commit:2a4f702e50cce712b4f571463b4b44446cb3d2d8.