

Core - Epic # 47018

Status:	Resolved	Priority:	Could have
Author:	Thomas Maroschik	Category:	
Created:	2013-04-07	Assigned To:	Thomas Maroschik
Updated:	2015-05-19	Due date:	
Sprint Focus:			
Subject:	Implement Composer support and clean package manager API		
Description			
Subtasks:			
Task # 52737: Integrate Flow Package Subpackage			Resolved
Task # 52740: Add composer.json files			Resolved
Bug # 55908: Package-Manager / Extension-Manager reads dependencies only from ext_emconf.php			Resolved
Bug # 55905: In some matter the package manager duplicates entries in PackageState whic...			Closed
Bug # 55755: Legacy packages with dependencies to other composer packages couldn't be in...			Rejected
Task # 55749: isPackageActive() should check runtimeActivatedPackages first			Resolved
Bug # 55646: Framework Packages aren't sorted properly if package is overriten in typo3...			Needs Feedback
Bug # 53537: PackageFactory class not found while running install-tool in 6.2			Closed
Bug # 55152: Class 'TYPO3\FLOW\Package\Exception\InvalidPackageStateException' not found			Closed
Bug # 53342: PackageManager::getCacheldentifier() uses truncated md5			Resolved
Bug # 54581: Please repair PackageStates before next Beta!			Closed
Bug # 53459: Extension manager - removed extension stays in PackageStates.php as inactive			Resolved
Bug # 54491: PackageManager doesn't solve/recognize real composer packages			Under Review
Task # 53122: Use package manager in impexp extension selector			Closed
Bug # 52984: PackageManager resolving dependencies uses folderstructure for building keys			Rejected
Bug # 55413: [Extension Manager] - PackageStates.php empty if incompatible extension is...			Closed
Feature # 51473: Make it possible, that extensions use composer to load libraries just ...			Resolved
Task # 55404: Extract package dependency sorting to own class			Resolved
Feature # 53015: Allow the activation of packages during runtime			Resolved
Task # 53886: Optimize Package State Migration			Resolved
Related issues:			
related to Core - Bug # 53478: Performance: remove unneeded basename call in ...		Resolved	2013-11-09
related to Core - Feature # 46615: Speed improvements in ClassLoader		Closed	2013-03-23
related to Core - Task # 52731: Use 6.1 branch in travis-integration for travis		Resolved	2013-10-12
related to Core - Bug # 55517: ClassLoader not working with NullBackend for l...		Resolved	2014-01-31
related to Core - Bug # 55555: Cleanup EXT/requiredExt handling		Resolved	2014-02-01
related to Core - Bug # 52891: Fatal error in ExtensionCompatibilityTester		Closed	2013-10-16
precedes Core - Bug # 54857: Test extensions are not considered in functional...		Resolved	2014-01-09

Associated revisions

Revision f4f27565 - 2013-10-12 22:22 - Christian Kuhn

[TASK] Use 6.1 branch in travis-integration for travis

Change-Id: I748bae0a4c4995d6e47b42d2d84cead36db3665d

Resolves: #52731

Related: #47018

Releases: 6.1, 6.0

Reviewed-on: <https://review.typo3.org/24660>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision f272d549 - 2013-10-12 22:41 - Christian Kuhn

[TASK] Use 6.1 branch in travis-integration for travis

Change-Id: I748bae0a4c4995d6e47b42d2d84cead36db3665d

Resolves: #52731

Related: #47018

Releases: 6.1, 6.0

Reviewed-on: <https://review.typo3.org/24660>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

(cherry picked from commit f4f2756533761fa2da2d89f6f91e2be90c2dcb42)

Reviewed-on: <https://review.typo3.org/24662>

Revision 16ac878e - 2013-10-13 02:12 - Christian Kuhn

[TASK] Add composer.json files for each sysext extension

Change-Id: Iaf88fc46903400d97f6f1dc3acedb3c9b438e8dd

Releases: 6.2

Resolves: #52740

Related: #47018

Reviewed-on: <https://review.typo3.org/24667>

Reviewed-by: Thomas Maroschik

Tested-by: Thomas Maroschik

Reviewed-by: Alexander Opitz

Tested-by: Alexander Opitz

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Revision 04cca5ff - 2013-10-13 02:37 - Thomas Maroschik

[TASK] Integrate Flow Package Subpackage

In order to enable the Package Management API, the used Flow classes have been placed in the core. The last synced state and the made changes to the source are noted in a README file.

Resolves: #52737

Related: #47018

Releases: 6.2

Change-Id: Icfda623d9ff81f52c3c104a0d5ae7c290bf7953

Reviewed-on: <https://review.typo3.org/24666>

Reviewed-by: Alexander Opitz

Tested-by: Alexander Opitz

Reviewed-by: Sascha Egerer

Tested-by: Sascha Egerer

Reviewed-by: Thomas Maroschik

Tested-by: Thomas Maroschik

[FEATURE] Integrate preliminary PackageManager API

The Package Manager from Flow has been backported and integrated as CMS Package Manager. This enables us to use full vendor namespaces for extensions and brings us closer to a unified TYPO3 package format.

For more Details see: <http://wiki.typo3.org/Blueprints/Packagemanager>

Resolves: #47018

Releases: 6.2

Change-Id: I52abedaf470cebddb3553e37581021bf368380e6

Reviewed-on: <https://review.typo3.org/19605>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Reviewed-by: Alexander Opitz

Reviewed-by: Sascha Egerer

Reviewed-by: Thomas Maroschik

Tested-by: Thomas Maroschik

Tested-by: Alexander Opitz

Reviewed-by: Ernesto Baschny

Tested-by: Ernesto Baschny

History

#1 - 2013-04-07 12:21 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#2 - 2013-04-08 08:31 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19604>

#3 - 2013-04-08 09:23 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#4 - 2013-04-08 18:17 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#5 - 2013-04-08 19:17 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19601>

#6 - 2013-04-08 19:17 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#7 - 2013-04-13 19:33 - Gerrit Code Review

Patch set 7 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#8 - 2013-04-14 00:33 - Gerrit Code Review

Patch set 8 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#9 - 2013-05-02 20:34 - Gerrit Code Review

Patch set 9 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#10 - 2013-05-02 20:47 - Gerrit Code Review

Patch set 10 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#11 - 2013-05-04 14:01 - Gerrit Code Review

Patch set 11 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#12 - 2013-05-04 17:31 - Gerrit Code Review

Patch set 12 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#13 - 2013-07-09 07:49 - Gerrit Code Review

Patch set 13 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#14 - 2013-07-15 21:18 - Gerrit Code Review

Patch set 14 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#15 - 2013-07-15 21:26 - Gerrit Code Review

Patch set 15 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#16 - 2013-07-15 22:24 - Gerrit Code Review

Patch set 16 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#17 - 2013-07-15 22:28 - Gerrit Code Review

Patch set 17 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#18 - 2013-08-06 11:37 - Gerrit Code Review

Patch set 18 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#19 - 2013-08-16 12:54 - Gerrit Code Review

Patch set 19 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#20 - 2013-08-16 14:55 - Alexander Opitz

After checkout the Patch Set, I got following Error in logfile:

```
[Fri Aug 16 14:04:28 2013] [error] [client 192.168.8.146] PHP Fatal error: Uncaught exception
'TYPO3\CMS\Core\Package\Exception\PackageStatesUnavailableException' with message
'The package states file is not available. Please visit the installer.' in
/home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Package/PackageManager.php:202
Stack trace:
#0 /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Package/PackageManager.php(91):
TYPO3\CMS\Core\Package\PackageManager->loadPackageStates()
#1 /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Core/Bootstrap.php(292):
TYPO3\CMS\Core\Package\PackageManager->initialize(Object(TYPO3\CMS\Core\Bootstrap), '/home/opitz/web...')
#2 /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Core/Bootstrap.php(224):
TYPO3\CMS\Core\Bootstrap->initializePackageManagement('TYPO3\CMS\Core\...')
#3 /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/install/Start/Install.php(112):
TYPO3\CMS\Core\Bootstrap->loadConfigurationAndInitialize(false, 'TYPO3\CMS\Core\...') in
/home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Package/PackageManager.php on line 202
```

So I tried the installer and got following error

```
[Fri Aug 16 14:11:46 2013] [error] [client 192.168.8.146] PHP Fatal error: Class 'TYPO3\CMS\Core\Package\FailSafePackageManager' not found in /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Core/Bootstrap.php on line 286
[Fri Aug 16 14:11:46 2013] [error] [client 192.168.8.146] PHP Stack trace:
[Fri Aug 16 14:11:46 2013] [error] [client 192.168.8.146] PHP 1. {main}()
/home/opitz/projects/typo3-master/typo3-src/typo3/sysex/install/Start/Install.php:0
[Fri Aug 16 14:11:46 2013] [error] [client 192.168.8.146] PHP 2. TYPO3\CMS\Core\Bootstrap->loadConfigurationAndInitialize()
/home/opitz/projects/typo3-master/typo3-src/typo3/sysex/install/Start/Install.php:112
[Fri Aug 16 14:11:46 2013] [error] [client 192.168.8.146] PHP 3. TYPO3\CMS\Core\Bootstrap->initializePackageManagement()
/home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Core/Bootstrap.php:223
```

This is caused by the file name FailsafePackageManager.php vs class name FailSafePackageManager (upper vs lower case of the s in safe). After renaming this class I got following error:

```
Fri Aug 16 14:35:26 2013] [error] [client 192.168.8.146] PHP Fatal error: Uncaught exception
'TYPO3\Flow\Package\Exception\InvalidPackageKeyException' with message
'"" is not a valid package key.' in
/home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Resources/PHP/TYPO3.Flow/Classes/TYPO3/Flow/Package/Package.php:103
Stack trace:
#0 /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Package/PackageFactory.php(68):
TYPO3\Flow\Package\Package->__construct(Object(TYPO3\CMS\Core\Package\FailSafePackageManager), "", '/home/opitz/web...',
'Classes/', "")
#1
/home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Resources/PHP/TYPO3.Flow/Classes/TYPO3/Flow/Package/PackageManager.php(794): TY
.php(794): TYPO3\CMS\Core\Package\PackageFactory->create('/home/opitz/web...', 'typo3conf/ext/m...', "", 'Classes/', "")
#2 /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Package/FailSafePackageManager.php(81):
TYPO3\Flow\Package\PackageManager->registerPackagesFromConfiguration()
#3 /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Classes/Pack in
/home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Resources/PHP/TYPO3.Flow/Classes/TYPO3/Flow/Package/Package.php on
line 103
```

This was caused by the new media management extension, which was installed, it includes something from behat which has no extension key.

#21 - 2013-08-16 19:58 - Gerrit Code Review

Patch set 20 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#22 - 2013-09-20 14:20 - Alexander Opitz

An issue in PHP that was fixed with todays version 5.4.20 "class_alias() should accept classes with leading backslashes"

<https://bugs.php.net/bug.php?id=61759>

#23 - 2013-09-26 20:44 - Gerrit Code Review

Patch set 21 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#24 - 2013-10-11 10:25 - Gerrit Code Review

Patch set 22 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#25 - 2013-10-11 21:28 - Gerrit Code Review

Patch set 23 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#26 - 2013-10-12 12:12 - Gerrit Code Review

Patch set 24 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#27 - 2013-10-12 16:35 - Gerrit Code Review

Patch set 25 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#28 - 2013-10-12 16:46 - Gerrit Code Review

Patch set 26 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#29 - 2013-10-12 21:56 - Gerrit Code Review

Patch set 27 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#30 - 2013-10-13 00:00 - Gerrit Code Review

Patch set 28 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#31 - 2013-10-13 01:22 - Gerrit Code Review

Patch set 29 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#32 - 2013-10-13 02:52 - Gerrit Code Review

Patch set 30 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19605>

#33 - 2013-10-13 12:47 - Gerrit Code Review

Patch set 31 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19605>

#34 - 2013-10-13 15:30 - Thomas Maroschik

- *Status changed from Under Review to Resolved*

Applied in changeset commit:84d6207c827ecba09dd7f357ca02369de569c12a.

#35 - 2014-02-12 09:48 - Ernesto Baschny

- *Tracker changed from Feature to Epic*