

Core - Bug # 54581

Epic # 47018 (Resolved): Implement Composer support and clean package manager API

Status:	Closed	Priority:	Should have
Author:	Stefan Froemken	Category:	Backend API
Created:	2013-12-23	Assigned To:	Thomas Maroschik
Updated:	2014-02-20	Due date:	
TYPO3 Version: 6.2			
PHP Version: 5.4			
Complexity: hard			
Is Regression: No			
Sprint Focus:			
Subject: Please repair PackageStates before next Beta!			
Description			
<p>Hello Core-Team,</p> <p>I know...current git state of TYPO3 is beta, but there are some basic functions in TYPO3 which still needs some love. I already have created an ticket regarding dependencies in PackageStates.php. Now I have found a second bug:</p> <p>Here a simplified visualisation of: <code>\$this->packageStatesConfiguration['packages']</code>:</p> <pre>array('about' => array(...), 'backend' => array(...), 'core' => array(...), 'yellowpages' => array(...), <--This extension has a dependency to jw_categories 'files' => array(...), <-- I have deleted this extension in extManager 'tt_news' => array(...), 'jw_categories' => array(...),)</pre> <p>If I delete "files" you call:</p> <pre>protected function unregisterPackageByPackageKey(\$packageKey) { unset(\$this->packages[\$packageKey]); unset(\$this->packageKeys[strtolower(\$packageKey)]); unset(\$this->packageStatesConfiguration['packages'][\$packageKey]); \$this->sortAndSavePackageStates(); }</pre> <p>In this function you remove files correctly, but you call <code>\$this->sortAndSavePackageStates()</code> and this a mistake. <code>\$this->sortAndSavePackageStates()</code> only works with already registered packages. So our packages array looks like:</p> <pre>array('about' => array(...), 'backend' => array(...), 'core' => array(...), 'yellowpages' => array(...), <--This extension has a dependency to jw_categories);</pre>			

\$this->sortAndSavePackageStates() cannot find package jw_categories, because it is not registered already. Backtrace:

PHP Fatal error: Uncaught exception 'UnexpectedValueException' with message 'The package "yellowpages2" depends on "jw_categories" which is not present in the system.' in

/Applications/MAMP/htdocs/typo3_src/typo3/sysext/core/Classes/Package/PackageManager.php:636

Stack trace:

#0 /Applications/MAMP/htdocs/typo3_src/typo3/sysext/core/Classes/Package/PackageManager.php(692):

TYPO3\CMS\Core\Package\PackageManager->buildDependencyGraphForPackages(Array)

#1 /Applications/MAMP/htdocs/typo3_src/typo3/sysext/core/Classes/Package/PackageManager.php(719):

TYPO3\CMS\Core\Package\PackageManager->buildDependencyGraph()

#2 /Applications/MAMP/htdocs/typo3_src/typo3/sysext/core/Classes/Package/PackageManager.php(776):

TYPO3\CMS\Core\Package\PackageManager->getAvailablePackageLoadingOrder()

#3

/Applications/MAMP/htdocs/typo3_src/typo3/sysext/core/Resources/PHP/TYPO3.Flow/Classes/TYPO3.Flow/Package/PackageManager.php

Manager.php(914): TYPO3\CMS\Core\Package\PackageManager->sortAvailablePackagesByDependencies()

#4 /Applications/MAMP/htdocs/typo3_src/typo3/s in

/Applications/MAMP/htdocs/typo3_src/typo3/sysext/core/Classes/Package/PackageManager.php on line 636

Stefan

Related issues:

related to Core - Task # 55404: Extract package dependency sorting to own class

Resolved

2014-01-28

related to Core - Bug # 54142: Dependencies for non-composerbased extensions ...

Resolved

2013-12-02

History

#1 - 2013-12-23 17:47 - Markus Klein

How did the jw_categories ext get into the \$this->packageStatesConfiguration['packages'] if it was not registered before?

Where did tt_news go??

#2 - 2013-12-25 11:41 - Thomas Maroschik

Potentially we should just consider active packages in the dependency solving algorithm. All inactive packages are basically irrelevant.

#3 - 2014-01-02 08:25 - Stefan Froemken

I'm sorry about this ticket here. I have tried to solve this problem on myself, but if I change a little bit here it crashes somewhere else. This bug here only appears, if you delete the Flow-Check for TYPO3-Extensions. I'm sure Thomas knows what I mean, because we have discussed about it some weeks ago on skype.

@Markus: As far as I can see, all extensions from ext-paths will be added to \$this->packageStatesConfiguration['packages']. Later on while registration process some packages will be removed from this array again.

In my kind of view this is a very important bug which has to be solved. As long as sorting does not work correctly incl. dependencies, extensions cannot override TCA configuration of other extensions. Sure, maybe it works, but this is because of different orderings with each additionally installed extension.

Stefan

#4 - 2014-01-22 20:14 - 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/27002>

#5 - 2014-02-12 09:56 - Ernesto Baschny

- *Parent task set to #47018*

#6 - 2014-02-12 10:10 - Thomas Maroschik

- *Status changed from Under Review to Closed*

- *% Done changed from 0 to 100*

The issue has been solved by #55404.

#7 - 2014-02-20 16:26 - Thomas Maroschik

- *Assigned To set to Thomas Maroschik*