

Core - Feature # 21144

Status:	Closed	Priority:	Should have
Author:	Xavier Perseguers	Category:	
Created:	2009-09-25	Assigned To:	Xavier Perseguers
Updated:	2013-06-01	Due date:	
PHP Version:	5.2		
Complexity:			
Sprint Focus:			
Subject:	Remove ext_autoload.php files for extensions using Extbase naming convention		
Description			
<p>The use of ext_autoload.php files was once supposed to be used only for old-fashioned extensions that did not used Extbase naming convention (Classes directory, class component parts as subdirectories).</p> <p>Nowadays, all new extensions (starting with Extbase itself) are polluted with a never-ending growing ext_autoload.php file and we slowly start adding all our classes there to be sure all will work fine without exactly knowing what really needs to be in.</p> <p>The patch allows not less than the removal of the ext_autoload.php file for all extensions sticking to using only the Extbase naming convention. This file may still be used for some third-party classes that may be included in a pure Extbase-styled extension.</p> <p>Note: This has nothing to do with extensions relying on Extbase itself, only on its naming convention.</p> <p>(issue imported from #M12067)</p>			
Related issues:			
related to Core - Feature # 25337: Add PHP 5.3 namespace support		Resolved	2011-03-16

Associated revisions

Revision 9b9ce42e - 2011-07-16 17:55 - Xavier Perseguers

[FEATURE] Implement extbase naming scheme in core autoloader

The patch enables the core autoloader to find class files that are named according to the extbase class and file location naming scheme.

This renders ext_autoload.php entries obsolete for class locations that stick to the extbase scheme even if extbase is not used for an extension. The autoloaders within fluid and extbase are not needed anymore.

Additionally, the class-to-file information is cached in the core autoloader cache in order to reduce the number of file system lookups for consecutive calls.

The patch is covered by unit tests to verify the complex logic.

Change-Id: I1af68a2d95cfc590eecffe6d06ea4e4eb58e11ec

Resolves: #21144

Related: #28249

Related: #28250

Reviewed-on: <http://review.typo3.org/2985>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Reviewed-by: Stefan Neufeind

Tested-by: Stefan Neufeind
Reviewed-by: Philipp Gampe
Tested-by: Philipp Gampe
Reviewed-by: Helmut Hummel
Tested-by: Helmut Hummel

Revision 0c86446c - 2011-07-18 17:35 - Christian Kuhn

[-TASK] Remove autoloader

With core issue #21144 the extbase autoloader was moved to the core.
This patch removes the according code from extbase since class file locations based on the extbase class naming scheme is now handled and cached by the core.

Thanks to Christian Kuhn.

Change-Id: I73b5fc592882f142726fbb4962845e57aa7c1dfe
Resolves: #28249
Depends: #21144

Revision ac347d43 - 2011-09-06 20:36 - Christian Kuhn

[TASK] Remove fluid autoloader

With core issue #21144 the extbase autoloader was moved to the core.
This patch removes the according code from fluid since class file locations based on the extbase naming scheme is now handled and cached by the core.

Change-Id: Ib81cd2d4ec63b84aea0de5186e53e22e12f2be64
Resolves: #28250
Depends: #21144

History

#1 - 2011-03-15 09:55 - Steffen Kamper

Good one! This also helps to use correct naming for classes and a well defined file structure.
Kickstarter has to be aware of this, i would like if kickstarter could produce compatible base.

#2 - 2011-03-15 12:00 - Kay Strobach

fully agree - started question about this in the dev mailinglist

#3 - 2011-03-15 12:59 - Xavier Perseguers

As this is new feature, this should go to 4.6. We could even go one step further a make it compatible with PHP 5.3 namespaces.

#4 - 2011-03-15 13:05 - Kay Strobach

but it should be compatible to extbase!

#5 - 2011-03-15 13:30 - Kay Strobach

perhaps the autoloader can be backported as extension similar to extbase ;)

#6 - 2011-03-16 16:42 - Sebastian Fischer

There is one incorrect thing:

```
$extensionKey = strtolower(array_shift($classNameParts));
```

As extensionkeys could contain an underscore the conversion needs to replace uppercase to `_lowercase`. beside that all looks fine.

#7 - 2011-06-29 17:06 - Xavier Perseguers

- *Tracker changed from Bug to Feature*
- *Target version changed from 4.6.0-beta1 to 1281*
- *TYPO3 Version changed from 4.3 to 4.6*

#8 - 2011-06-29 17:09 - Mr. Hudson

Patch set 1 of change I1af68a2d95cfc590eecffe6d06ea4e4eb58e11ec has been pushed to the review server.

It is available at <http://review.typo3.org/2985>

#9 - 2011-06-29 17:11 - Xavier Perseguers

- *Status changed from New to Under Review*
- *Assigned To set to Xavier Perseguers*

How to test:

1. Take one of your extension where you stick to naming convention but still need an `ext_autoload.php` file.
2. Remove one of the class
3. TYPO3 will fail to instantiate your class
4. Apply patch
5. Retry

#10 - 2011-07-12 16:38 - Xavier Perseguers

- *Target version changed from 1281 to 4.6.0-beta1*

#11 - 2011-07-15 07:40 - Mr. Hudson

Patch set 2 of change I1af68a2d95cfc590eecffe6d06ea4e4eb58e11ec has been pushed to the review server.

It is available at <http://review.typo3.org/2985>

#12 - 2011-07-15 08:22 - Mr. Hudson

Patch set 3 of change l1af68a2d95cfc590eecffe6d06ea4e4eb58e11ec has been pushed to the review server.
It is available at <http://review.typo3.org/2985>

#13 - 2011-07-15 11:22 - Mr. Hudson

Patch set 4 of change l1af68a2d95cfc590eecffe6d06ea4e4eb58e11ec has been pushed to the review server.
It is available at <http://review.typo3.org/2985>

#14 - 2011-07-16 01:09 - Mr. Hudson

Patch set 5 of change l1af68a2d95cfc590eecffe6d06ea4e4eb58e11ec has been pushed to the review server.
It is available at <http://review.typo3.org/2985>

#15 - 2011-07-16 01:35 - Mr. Hudson

Patch set 6 of change l1af68a2d95cfc590eecffe6d06ea4e4eb58e11ec has been pushed to the review server.
It is available at <http://review.typo3.org/2985>

#16 - 2011-07-16 18:00 - Xavier Perseguers

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

Applied in changeset commit:9b9ce42ea4327724234292df8da58b9c89757515.

#17 - 2012-03-07 13:34 - Xavier Perseguers

- Status changed from Resolved to Closed

#18 - 2013-06-01 14:45 - Ernesto Baschny

- Target version deleted (4.6.0-beta1)

Files

12067.diff	1.4 kB	2009-09-25	Administrator Admin
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