TYPO3 Core - Bug #93569

console command 'extension:activate' throws error

2021-02-23 07:56 - Ralf Zimmermann

Status:	Closed		Start date:	2021-02-23
Priority:	Should have		**Due date:**	
Assignee:			**% Done:**	100%
Category:	System/Bootstrap/Configuration		**Estimated time:**	0.00 hour
Target version:				
TYPO3 Version:	11		**Complexity:**	
PHP Version:	7.4		**Is Regression:**	
Tags:			**Sprint Focus:**	

Description

Since #93442 (https://review.typo3.org/c/Packages/TYPO3.CMS/+/67648) the console command

```
bin/typo3 extension:activate xxx
```

fails with the following error

```
Uncaught TYPO3 Exception Too few arguments to function TYPO3\CMS\Core\ExpressionLanguage\ProviderC
onfigurationLoader::__construct(), 0 passed in /some/path/typo3/sysext/core/Classes/Utility/Genera
lUtility.php on line 3222 and exactly 2 expected
thrown in file /some/path/typo3/sysext/core/Classes/ExpressionLanguage/ProviderConfigurationLoader
.php
in line 35
```

Tested with completely new TYPO3 instances (empty 'var/' directory and so on).

Related issues:

Related to TYPO3 Core - Task #93442: Inject PackageManager and cache into Exp...	**Closed**	**2021-02-05**
Related to TYPO3 Core - Bug #86248: CLI upgrade wizards can not be invoked fu...	**Closed**	**2018-09-13**
Related to TYPO3 Core - Bug #93721: Activating/Deactivating extensions throug...	**Closed**	**2021-03-12**

Associated revisions

Revision 370de7f9 - 2021-03-10 10:01 - Benjamin Franzke

[BUGFIX] Avoid loading console commands before container is current

The shortcut handling added in #86248 caused the matching command
to be loaded before the symfony DI container was made available to
GeneralUtility::makeInstance (FailsafeContainer was still active).
This caused services (e.g in #93442) that are instantiated using the
GeneralUtility::makeInstance-to-DI-Container bridge to fail
as these services are not available in the FailsafeContainer.

Background: the symfony Application:find() method did not just
search for a matching command, but it also initialized it, once found.
Therefore shortcut resolving is now handled within the TYPO3 command
application to ensure commands are only instantiated once the
symfony container (and localconf) is fully loaded.

Resolves: #93569
Related: #86248
Related: #93442
Releases: master
Change-Id: I717df6aa03f4f474e437f98eef62d291e39010fc
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/68254
Tested-by: core-ci <typo3@b13.com>
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: Andreas Fernandez <a.fernandez@scripting-base.de>
Tested-by: Benni Mack <benni@typo3.org>
Tested-by: Helmut Hummel <typo3@helhum.io>
Reviewed-by: Benni Mack <benni@typo3.org>

Reviewed-by: Helmut Hummel <typo3@helhum.io>

History

#1 - 2021-02-23 07:59 - Ralf Zimmermann

- Description updated

#2 - 2021-02-23 11:09 - Ralf Zimmermann

\TYPO3\CMS\Core\Console\CommandApplication->run tries to bootstrap a non-failsafe container
https://github.com/TYPO3/TYPO3.CMS/blob/f22a127800fff528296dffa5ffbdd518d4811611/typo3/sysext/core/Classes/Console/CommandApplication.php#L103.
Before that there is only the failsafe container available.
"$this->application->find()" for the command "extension:activate" fires a DI chain (on the failsafe container) which, however, already needs an non-failsafe container (constructor DI for an extbase repo -> configuration manager -> TypoScript -> condition matcher -> expression language)

A shrinked trace:

Symfony\Component\Console\Application->find\\('extension:activate') Code
TYPO3\CMS\Core\Console\CommandRegistry->getInstance('TYPO3\\CMS\\Extensionmanager\\Command\ActivateExtensionCommand') Code

- $this->container->get('TYPO3\\CMS\\Extensionmanager\\Command\ActivateExtensionCommand') // $this->container ===
  TYPO3\CMS\Core\DependencyInjection\FailsafeContainer

ActivateExtensionCommand->__construct->InstallUtility $installUtility Code
InstallUtility->injectListUtility(ListUtility $listUtility) Code
ListUtility->injectExtensionRepository(ExtensionRepository $extensionRepository) Code
ExtensionRepository->objectManager->get(QuerySettingsInterface::class) Code
TYPO3\CMS\Extbase\Persistence\Generic\Typo3QuerySettings->initializeObject Code

- $configurationManager->isFeatureEnabled('ignoreAllEnableFieldsInBe') // $configurationManager ===
  TYPO3\CMS\Extbase\Configuration\ConfigurationManager

ConfigurationManager->isFeatureEnabled Code

- $this->concreteConfigurationManager->getConfiguration($extensionName, $pluginName)
- $template->generateConfig() // $template == TYPO3\CMS\Core\TypoScript\TemplateService Code

$matchObj = GeneralUtility::makeInstance(ConditionMatcher::class) Code
$this->expressionLanguageResolver = GeneralUtility::makeInstance(\TYPO3\CMS\Core\ExpressionLanguage\Resolver::class, 'typoscript', $this->expressionLanguageResolverVariables) Code
GeneralUtility::makeInstance(\TYPO3\CMS\Core\ExpressionLanguage\ProviderConfigurationLoader::class) Code

GeneralUtility->makeInstance Code

- self::$container->has(\TYPO3\CMS\Core\ExpressionLanguage\ProviderConfigurationLoader) // self::$container ===
  TYPO3\CMS\Core\DependencyInjection\FailsafeContainer
- self::$container->has(\TYPO3\CMS\Core\ExpressionLanguage\ProviderConfigurationLoader) === false

#3 - 2021-03-08 16:39 - Christian Kuhn

- Related to Task #93442: Inject PackageManager and cache into ExpressionLanguage/ProviderConfigurationLoader added

#4 - 2021-03-08 17:23 - 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/c/Packages/TYPO3.CMS/+/68254

#5 - 2021-03-08 17:24 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/68254

#6 - 2021-03-08 19:33 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/68254

#7 - 2021-03-08 19:57 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/68254

#8 - 2021-03-08 22:01 - Benjamin Franzke

- Related to Bug #86248: CLI upgrade wizards can not be invoked fully uncached added

#9 - 2021-03-10 10:06 - Benjamin Franzke

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [370de7f974d206003fe3e0e5934d2abb62f4806f](#).

#10 - 2021-03-16 19:38 - Benjamin Franzke

- Related to Bug #93721: Activating/Deactivating extensions through CLI results in a PHP error added

#11 - 2021-09-07 07:35 - Benni Mack

- Status changed from Resolved to Closed