

TYPO3.Flow - Feature # 33581

Status:	Resolved	Priority:	Should have
Author:	Peter Russ	Category:	Core
Created:	2012-02-01	Assigned To:	Sebastian Kurfuerst
Updated:	2012-05-09	Due date:	
PHP Version:			
Has patch:	Yes		
Complexity:			
Subject:	Extend configuration/context		
Description			
<p>So far FLOW3 context is limited to Development, Testing and Production. Further there is no way that operation/admin can add or overrule configuration e.g. to set credentials which should not be store in a dev repro.</p>			
FLOW3_SUBSYSTEM			
<p>To give more flexibility to the configuration a new environment constant is added FLOW3_SUBSYSTEM: this could hold e.g. machine or vhost name</p> <p>If this is set Configuration will be created that way: Configuration/Settings.yaml Configuration/<FLOW3_CONTEXT>/Setting.yaml Configuration/<FLOW3_CONTEXT>/<FLOW3_SUBSYSTEM>.Setting.yaml</p> <p>The benefit of that is that you can run e.g. Production Context on a machine for staging with slightly different settings e.g. for the database or a LDAP.</p>			
FLOW3_STATIC_CONFIGURATION			
<p>Credentials or settings that should be set by operations/admin can be define by providing the absolute path and filename without '.yaml' in FLOW3_STATIC_CONFIGURATION.</p> <p>If this is set Configuration will be created that way: Configuration/Settings.yaml Configuration/<FLOW3_CONTEXT>/Setting.yaml Configuration/<FLOW3_CONTEXT>/<FLOW3_SUBSYSTEM>.Setting.yaml <FLOW3_STATIC_CONFIGURATION>.yaml</p> <p>Only small changes in Web/index.php, Bootstrap and ConfigurationManager are required.</p> <p>Patch attached</p>			

Associated revisions

Revision 9df55671 - 2012-05-03 17:41 - Sebastian Kurfuerst

[!!!][FEATURE] (Core): Nested FLOW3 Application Contexts

With this change, it is possible to use nested FLOW3 contexts like "Production/Live" or "Production/Staging/Server1". The main context, has to be one of "Production", "Development" or "Testing", whereas arbitrary sub contexts are supported.

If you run in the context "Production/Staging/Server1", the configuration is inherited in the following way (from most specific to most general):

- Production/Staging/Server1
- Production/Staging
- Production
- as a fallback, the, non-context-specific configuration is used

This change is breaking in the following cases:

- You called `TYPO3\FLOW3\Core\Bootstrap::getContext()` or `TYPO3\FLOW3\Object\ObjectManagerInterface::getContext()`
In this case, not the context string is returned anymore, but instead the `TYPO3\FLOW3\Core\ApplicationContext` object. It can be cast to a string to get the old behavior back; but usually you instead want to call `$context->isDevelopment()`, `$context->isProduction()` or `$context->isTesting()`.
- You wrote your own cache backend
The cache backend constructor now expects the `$context` object to be of type `TYPO3\FLOW3\Core\ApplicationContext`.

Additionally, we removed some leftovers from the configuration manager, especially Signals/Slots configuration as this is not used anymore.

Releases: 1.1
Resolves: #33581
Change-Id: I3ffe0f98b0c92df41edaa15c7d895422aab28411

Revision 4fe6851b - 2012-05-09 15:36 - Karsten Dambekalns

[TASK] Small docblock cleanup to Bootstrap

Change-Id: I594f7ab42ac59e95baec39011554eaba6a304293
Related: #33581
Releases: 1.1

Revision cb141c73 - 2012-05-30 16:39 - Karsten Dambekalns

[TASK] Create configuration directories only on save

The configuration directories for cached configuration were created inside the constructor of the `ConfigurationManager`. This caused the unit test to create directories outside the VFS. Moving the creation to the `saveConfigurationCache` method fixes that. Additionally cleans up some unit tests related to `ApplicationContext` and `ConfigurationManager`.

Change-Id: I90d3f1410314fa39836fdde2a28c911a173a630d
Related: #33581
Releases: 1.1, 1.2

Revision 2a228475 - 2012-05-30 16:43 - Karsten Dambekalns

[TASK] Create configuration directories only on save

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Change-Id: I90d3f1410314fa39836fdde2a28c911a173a630d

Related: #33581

Releases: 1.1, 1.2

History

#1 - 2012-02-01 10:34 - Peter Russ

- File 33581.patch added

#2 - 2012-02-01 10:58 - Karsten Dambekalns

- Project changed from TYPO3 Flow Base Distribution to TYPO3.Flow

#3 - 2012-02-01 10:59 - Karsten Dambekalns

- Category set to Core

- Target version deleted (1.1)

- Has patch set to No

#4 - 2012-02-01 11:35 - Peter Russ

- Target version set to 1.1

why is patch set to no although there is one attached?

#5 - 2012-02-01 11:37 - Peter Russ

- Target version deleted (1.1)

#6 - 2012-02-01 12:40 - Karsten Dambekalns

- Has patch changed from No to Yes

Peter Russ wrote:

| why is patch set to no although there is one attached?

By accident, it's the default it seems. No intended change. :)

#7 - 2012-02-01 12:42 - Karsten Dambekalns

Regarding the FLOW3_STATIC_CONFIGURATION idea, please check <https://review.typo3.org/5731> and see if that would work for you.

#8 - 2012-02-01 14:33 - Peter Russ

As operation might use different versioning system this will not work for us. Further it requires to restart the php-fpm to activate the settings. This is not really practicable. Further it seems to be a solution to set a few parameters.

I discussed with our operations with the result that our solution would be preferred.

#9 - 2012-02-01 23:56 - Chris Zepernick

I have to agree with Peter there,... passwords and stuff in environment of the v-host is a big no no in most enterprise scenarios, and most likely will not be approved by security audit.

I also would prefer Peters solution on the one hand because of security reasons, on the other because it can provide us with an option for A/B Testing and stuff, without the hazzel to need to have the config seperated from the project to do so.

Our setup at the moment:

1. Development
2. Continous Deployment Development

3. System Integration (For Release Build)
4. Testing (Unit Testing and Stuff)

5. Production
6. A/B Closed User group testing of new Features

We currently work with a of staff of 10 Devs and 2 Admins at one of Telekoms Top 60 Intranet Solutions, of which FLOW3 is a Core component serving as the middleware to our TYPO3 systems.

Regards

Chris

#10 - 2012-02-07 12:00 - Peter Russ

- File 33581-V2.patch added

- File missing_flow3.patch added

Added new version of patch as flow3.php patched part was missing

#11 - 2012-04-26 12:13 - Sebastian Kurfuerst

- Status changed from New to Accepted

- Assigned To set to Sebastian Kurfuerst

I'm currently working on this one.

Main question is how to call this "subSystem":

- FLOW3_SUBSYSTEM
- FLOW3_SUBCONTEXT

- FLOW3_TARGET
- ... your idea here

#12 - 2012-04-26 19:03 - Peter Russ

As we are using this already on several servers in production we would prefer to stay with FLOW3_SUBSYSTEM (similar we use in TYPO3 ;-)

Example: We are in the production context and have there systems with different tasks: one for system integration testing, an other for approval or one for beta.

That the reason we we decided to use FLOW3_SUBSYSTEM.

#13 - 2012-04-26 22:06 - Karsten Dambekalns

Since any new context should inherit from either production or development, I'd rather like to see FLOW3_CONTEXT get the ability to be fed with something like Development, Production/Staging and Production/Live.

Any splitting into FLOW3_CONTEXT and FLOW3_SUBSYSTEM (and where is it a subsystem of FLOW3?) is more complexity IMHO.

#14 - 2012-04-27 07:20 - Gerrit Code Review

- *Status changed from Accepted to Under Review*

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/10808>

#15 - 2012-04-27 08:01 - Gerrit Code Review

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

It is available at <http://review.typo3.org/10808>

#16 - 2012-04-27 08:24 - Gerrit Code Review

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

It is available at <http://review.typo3.org/10808>

#17 - 2012-04-27 11:44 - Gerrit Code Review

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

It is available at <http://review.typo3.org/10808>

#18 - 2012-04-27 11:44 - Gerrit Code Review

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

It is available at <http://review.typo3.org/10808>

#19 - 2012-04-27 11:49 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10808>

#20 - 2012-04-27 13:39 - Gerrit Code Review

Patch set 7 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10808>

#21 - 2012-04-27 15:11 - Gerrit Code Review

Patch set 8 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10808>

#22 - 2012-05-02 11:33 - Gerrit Code Review

Patch set 9 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10808>

#23 - 2012-05-03 16:10 - Gerrit Code Review

Patch set 10 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10808>

#24 - 2012-05-03 16:19 - Gerrit Code Review

Patch set 11 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10808>

#25 - 2012-05-03 16:35 - Gerrit Code Review

Patch set 12 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10808>

#26 - 2012-05-03 17:43 - Gerrit Code Review

Patch set 13 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/10808>

#27 - 2012-05-04 02:38 - Sebastian Kurfuerst

- Status changed from Under Review to Resolved
- % Done changed from 80 to 100

Applied in changeset commit:9df5567135e42e1ab312f9a560c3eed382517c83.

#28 - 2012-05-09 15:28 - Karsten Dambekalns

- *Target version set to 1.1 beta 1*

Files

33581.patch	9.3 kB	2012-02-01	Peter Russ
33581-V2.patch	10.4 kB	2012-02-07	Peter Russ
missing_flow3.patch	1.1 kB	2012-02-07	Peter Russ