

TYPO3 Core - Feature #95044

Support autowired LoggerInterface injection

2021-08-31 07:16 - Benjamin Franzke

Status:	Closed	Start date:	2021-08-31
Priority:	Should have	Due date:	
Assignee:	Benjamin Franzke	% Done:	100%
Category:	System/Bootstrap/Configuration	Estimated time:	0.00 hour
Target version:	11.4	Complexity:	
PHP Version:		Sprint Focus:	
Tags:			
Description			
Logger may be required to be available during object construction, LoggerAwareInterface isn't an option in that case. Therefore LoggerInterface as constructor argument should be autowired (if the services is configured to use autowiring) and instantiated with an object-specific logger.			
Related issues:			
Related to TYPO3 Core - Feature #95079: Support PHP 8 channel attribute for l...		Closed	2021-09-02

Associated revisions

Revision 85917dd3 - 2021-09-03 08:51 - Benjamin Franzke

[FEATURE] Support autowired LoggerInterface injection

Logger instances may be required to be available during object construction, LoggerAwareInterface isn't an option in that case. Therefore LoggerInterface as constructor argument is now autowired (if the service is configured to use autowiring) and instantiated with an object-specific logger.

We add a symfony compiler pass that prepares an inline factory which fetches the appropriate Logger instance from the LogManager. One of the TYPO3 core classes that require this is the Scheduler.

Scheduler used to contain a safety net which fetches a logger instance from LogManager in case the logger is already needed during the constructor invocation. In that case the logger was not available, as it was injected via setter injection (setLogger) later (per LoggerAwareInterface).

Releases: master
Resolves: #95044
Change-Id: I57539a731a305da6abc092d2383e2d2f4c1d985c
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+65449>
Tested-by: core-ci <typo3@b13.com>
Tested-by: Benni Mack <benni@typo3.org>
Tested-by: Nikita Hovratov <nikita.h@live.de>
Tested-by: Benjamin Franzke <bfr@qbus.de>
Reviewed-by: Benni Mack <benni@typo3.org>
Reviewed-by: Nikita Hovratov <nikita.h@live.de>
Reviewed-by: Benjamin Franzke <bfr@qbus.de>

Revision 8e0cdb46 - 2021-09-03 15:50 - Benjamin Franzke

[FEATURE] Support PHP 8 style Channel attribute for logger injection

Services are now able to control the component name that an injected logger is created with. This allows to group logs of related classes and is basically a channel system as often used in monolog.

Therefore and as preparation for future monolog logging, the attribute is named Channel.

The Channel attribute is supported for constructor argument injection as a class and parameter specific attribute and for LoggerAwareInterface dependency injection services as a class attribute.

This feature is only available with PHP 8.
The channel attribute will be gracefully ignored in PHP 7,
and the classic component name will be used instead.

Releases: master
Resolves: #95079
Related: #95044
Change-Id: I4b710677bc20c4200fc14b299865f4c7f95e4d0d
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+70849>
Tested-by: Nikita Hovratov <nikita.h@live.de>
Tested-by: core-ci <typo3@b13.com>
Tested-by: Benni Mack <benni@typo3.org>
Tested-by: Benjamin Franzke <bfr@qbus.de>
Reviewed-by: Nikita Hovratov <nikita.h@live.de>
Reviewed-by: Benni Mack <benni@typo3.org>
Reviewed-by: Benjamin Franzke <bfr@qbus.de>

History

#1 - 2021-08-31 07:30 - Gerrit Code Review

- Status changed from New to Under 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/+65449>

#2 - 2021-08-31 08:10 - 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/+65449>

#3 - 2021-09-02 11:48 - Gerrit Code Review

Patch set 5 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/+65449>

#4 - 2021-09-02 21:27 - Gerrit Code Review

Patch set 6 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/+65449>

#5 - 2021-09-03 12:25 - Benjamin Franzke

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [85917dd35592e204200e59015b5577297986aaae](https://review.typo3.org/c/Packages/TYPO3.CMS/+65449).

#6 - 2021-09-03 14:40 - Nikita Hovratov

- Related to Feature #95079: Support PHP 8 channel attribute for logger injection added

#7 - 2021-09-07 07:31 - Benni Mack

- Status changed from Resolved to Closed