

Logging Project - Story # 48874

Status:	Resolved	Priority:	Could have
Author:	Steffen Müller	Category:	Logging API
Created:	2013-06-05	Assigned To:	
Updated:	2013-07-04	Due date:	
TYPO3 Version:	6.2		
Subject:	As a developer I want a PSR-3 compatible Logging API		
Description			
PSR-3 aims to set a standard for Logging in PHP.			
Adapting this standard for the Logging API on TYPO3 would allow developers to replace the core Logging implementation with any other PSR-3 compatible logger (given the necessary dependency injection is in place). It also would ease the understanding how to log in TYPO3.			
Subtasks:			
Task # 48876: PSR-3: throw InvalidArgumentException on undefined severity			Resolved
Task # 48877: PSR-3: Cast log message to string			Resolved
Task # 48879: PSR-3: Validate reserved array key "exception" in LogRecord->data			Closed
Task # 48880: Implement LoggerInterface from PSR-3			Resolved
Task # 48881: PSR-3: Support log severities of type string			Resolved
Related issues:			
related to Core - Task # 49661: Mention PSR-3 Logger compatibility in News.txt		Resolved	2013-07-04
related to TYPO3.Flow - Feature # 49039: RFC: Use PSR-3 logger interface in Flow		New	2013-06-11

History

#1 - 2013-06-05 15:08 - Ernesto Baschny

In my understanding the major benefit of implementing a PSR-3 compatible interface in TYPO3 is not to "allow developers to replace the core Logging implementation", but to allow third party modules/packages which log to PSR-3 to be integrated into TYPO3 without modification (simply injecting the PSR-3 Logging Interface from TYPO3 into it).

From the Standard:

"The main goal is to allow libraries to receive a Psr\Log\LoggerInterface object and write logs to it in a simple and universal way."

The easiest way would be to provide an adapter which implements this interface and under the hood uses the (more sophisticated) TYPO3 API. TYPO3 Core could still use TYPO3's own API (which provides more flexibility).

#2 - 2013-06-05 15:57 - Steffen Müller

I don't think we need adapter, since TYPO3\CMS\Core\Log\Logger already meets the requirements of Psr\Log\LoggerInterface (except for some minor glitches as addressed in the subtasks). See #48880 and #48881

#3 - 2013-07-03 16:08 - Steffen Müller

- Status changed from New to Accepted

#4 - 2013-07-04 16:44 - Steffen Müller

- Status changed from Accepted to Resolved

