

TYPO3.Flow - Bug #44997

JsonView outputs unreliable DateTime representation

2013-01-31 07:59 - Adrian Förder

Status:	Resolved	Start date:	2013-01-31
Priority:	Must have	Due date:	
Assignee:	Adrian Förder	% Done:	100%
Category:	MVC	Estimated time:	0.00 hour
Target version:	2.0	Complexity:	
PHP Version:	5.3		
Has patch:	Yes		

Description

Currently, the JsonView just outputs Y-m-d H:i:s as string when it comes to a DateTime object. This is incorrect since it doesn't care about time zones / offsets.

Error case:

- it's 15:13 GMT, a record is created
- the record is stored in 14:13 UTC
- after Hydration, the DateTime object represents 14:13 UTC
- JsonView's H:i:s makes "14:13" of it
- (maybe) the string is directly given to JavaScript's new Date() constructor, resulting (due to GMT local time) in 14:13 GMT which is obviously wrong.

Solution: add a timezone offset as in ISO 8601 which is also directly accepted by JavaScript's Date() constructor and probably any other "magical" datetime parser.

Associated revisions

Revision e5ed0ff7 - 2013-01-31 07:59 - Adrian Förder

[!!!][BUGFIX] Expose timezone in JsonView's DateTime output

This corrects the string formatting in JsonView regarding DateTime objects. The additionally required Timezone offset is appended as of ISO 8601 in order to not lead into timezone issues after transferring the resulting JSON.

This is breaking in cases where the original incorrect behaviour was worked around by subsequent processing of the transmitted timestamp.

Fixes: #44997

Releases: master, 2.0

Change-Id: la26d68945dd6deae9438de7ba71dee67cff4626d

Revision dfb87c13 - 2013-03-20 16:17 - Adrian Förder

[!!!][BUGFIX] Expose timezone in JsonView's DateTime output

This corrects the string formatting in JsonView regarding DateTime objects. The additionally required Timezone offset is appended as of ISO 8601 in order to not lead into timezone issues after transferring the resulting JSON.

This is breaking in cases where the original incorrect behaviour was worked around by subsequent processing of the transmitted timestamp.

Fixes: #44997

Releases: master, 2.0

Change-Id: la26d68945dd6deae9438de7ba71dee67cff4626d

History

#1 - 2013-01-31 08:00 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 2 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/17789>

#2 - 2013-03-20 16:17 - Gerrit Code Review

Patch set 1 for branch **2.0** has been pushed to the review server.
It is available at <https://review.typo3.org/19089>

#3 - 2013-03-20 16:37 - Adrian Förder

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [dfb87c1373ced4d18c0fe4cd8999820639366b82](#).