Enduro/X Core - Bug #796

JSON functions used in Enduro/X might incorrectly process large long fields

02/09/2023 09:50 AM - Madars

Status:	Closed		**Start date:**	02/09/2023
Priority:	Normal (Code 4)		**Due date:**	
Assignee:			**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description

For example:

Having "109832567849012365" in UBF long field, and converting buffer tpubftojson()->tpjsontoub() the value will be changed from "109832567849012365" to "109832567849012368"

History

#1 - 02/09/2023 10:18 PM - Madars

- Status changed from New to Resolved

- % Done changed from 0 to 100

Release notes

Fixed JSON library so that tpjsontoubf(), tpubftojson(), tpviewtojson(), tpjsontoview() and related auto buffer convert functions would handle C long type correctly. Now long types are directly marshaled/unmarshaled from JSON. Previously such conversions was done via double type, which at large numbers caused long typed fields to change the values.

Compatibility changes: tpviewtojson() previously did encode **int** type fields to JSON strings, now **int** type fields in views are encoded as JSON number.

Available from Enduro/X release 7.5.38+, 8.0.8+.

#2 - 02/09/2023 10:18 PM - Madars

- Status changed from Resolved to Closed