

## Enduro/X Core - Bug #796

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

02/09/2023 09:50 AM - Madars

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