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Subject: Re: Jsonize int64 surprise

Posted by [Mindtraveller](#) on Thu, 24 Jan 2013 19:21:49 GMT

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I may be wrong. But my point is that JSON is used mostly in Web development. In our case this means: Quote:server[U++] <-> client[javascript]

And javascript natively supports integers up to 64-bit length (actually 53-bit, see below). So should we in U++.

This article

<http://cddivilly.wordpress.com/2012/04/11/json-javascript-lar-ge-64-bit-integers/>

corrects that Javascript actually support integers up to  $2^{53}$ . So if we really want to be close to standards here, we should check not INT\_MAX, but  $2^{53}$  for stringification.

But I'd suggest eliminating ANY surprises at all. We have number - we represent as number. But one may disagree with it.

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