

Question

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JSON, Cache and Date/Time

I have a Cache classes with [%TimeStamp](#) (e.g. 2016-04-18 12:29:11) and [%Date](#) (eg. 64027) properties. And I have a javascript client app, which needs full CRUD over this properties.

But in javascript date/time are defined by [ISO8601](#) (e.g. timestamp 2016-04-18T12:29:11Z, date 2016-04-18).

Communication between a server and a client on a server side are done via following classes/methods:

- SQL JSON via [%ZEN.Auxiliary.jsonSQLProvider:%WriteJSONFromSQL](#)
- Object JSON via [%ZEN.Auxiliary.jsonProvider:%WriteJSONFromObject](#)
- JSON Object via [%ZEN.Auxiliary.jsonProvider:%ConvertJSONToObject](#)
- Dynamic Object JSON via [%Library.AbstractObject:\\$toJSON](#)
- JSON Dynamic Object via [%Library.AbstractObject:\\$fromJSON](#)

The question is, how can I enable all this types of communication with:

- no work on a client side (client always receives/sends [ISO8601](#) timestamp/date)
- minimum amount of work on a server side for each new property

Restrictions: I can't just use %String because Cache classes are also used by other Cache applications with SQL and object access and they may require ORDER BY date/time values, etc.

[#JavaScript](#) [#JSON](#) [#Object Data Model](#) [#REST API](#) [#Frontend](#) [#Caché](#)

Source URL: <https://community.intersystems.com/post/json-cache-and-datetime>