Niagara JSON Toolkit
Feature Summary

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JSON Schema's, components with a String JSON output slot:

- ❑ Bespoke JSON string formatting - nest special Properties/Objects/Arrays underneath a JSON Schema to define the message format.

- ❑ Include **bindings** to live station slots / tag values / facet values, schema subscribes to these bindings, so you get a new message when a slot of interest changes value.

- ❑ Support for bql, neql, sys and series transform query results within the JSON output, this also allows history and alarm records to be included.

- ❑ JSON **Alarm Recipient** which translates new alarm records to JSON.

- ❑ **Export Markers** which allow more selective control of data.

- ❑ **Scale up** with a Relative JSON schema - base query target up to 1000's of points resulting in subscription and a new JSON message per target.

- ❑ Special properties to include timestamps and unique id's in each message.

- ❑ Palette includes tools to queue messages and change topic name based upon the current item.

- ❑ Configurable date formats.

- ❑ String keys may be standardized to a chosen case to correct naming inconsistencies in the station.

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Tools for handling **incoming** JSON messages:

❑ JSON message routers for routing messages based upon a key in the message.

❑ Various selector components for extracting values or subsets of the JSON string.

❑ Alarm acknowledgement and Value setpoint components for handling incoming JSON.

Other features:

❑ A JsonSchemaService including the ability to specify a user to which incoming/outgoing data is limited by permissions.

❑ HTML5 support for all views and field editors.

❑ Extendable by developers.

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