**Editing Reference App to display multiple devices:**

By default the reference app can only display one device model at a time, to change that go to

*forge-dataviz-iot-reference-app\client\pages\ReferenceApp.jsx*

and change

//let devicesList = session.dataStore.deviceModels[0].devices;

To

let devicesList = [];

            // Changed to load all devices in json, needs further testing

            for(let i = 0; i < session.dataStore.deviceModels.length;i++){

                devicesList = devicesList.concat(session.dataStore.deviceModels[i].devices);

            }

**Formatting for TL addresses**

In Kaizen all of the Trend Logs will have an address attached to them so that they can be searched by the API, for example the property below has a given ID

|  |  |
| --- | --- |
| CB\_RM5209\_PPD\_ASHRAE\_TL | 2169.422506.TL40 |

With the trend log address is both the Trend log address found in Kaizen combined with the building ID Kaizen assigned, in the example above 2169 is building ID for Canal Building and 422506.TL40 is the Trend Log ID

**Phase of model**

To change displayed phase of model, go to

“forge-dataviz-iot-reference-app\node\_modules\forge-dataviz-iot-react-components\client\components\BaseApp.jsx”

And

<Viewer

                    env={env}

                    phaseName={PHASE\_NAME}//NEW ADDITION

**Environment File configuration**

FORGE\_DOC\_URN=urn:dXJuOmFkc2sud2lwcHJvZDpmcy5maWxlOnZmLmtUNG1xZGYyUTNLa2J0Q25UNE5tcWc\_dmVyc2lvbj0x

ENV=local

ADAPTER\_TYPE=csv

CSV\_DATA\_START=  2019-07-21T16:50:00Z

CSV\_DATA\_END=  2021-08-29T09:50:00Z

CSV\_DELIMITER=","

CSV\_TIMESTAMP\_COLUMN="time"

CSV\_FILE\_EXTENSION=".csv"

* URN: used to point to a uploaded forge model
* ENV = local: Part of configuring the Reference app to use the local env file for certain variables
* ADAPTER\_TYPE: indicates how the reference app should read and search for device data, in our case ALWAYS USE **CSV**
* CSV\_DATA\_START: determines the default starting time period displayed by the reference app
* CSV\_DATA\_END: Determines the default ending Time Period displayed by the reference app
* CSV\_DELIMITER: determines the character used to separate values, simpler to keep as “,”
* CSV\_TIMESTAMP\_COLUMN: Determines name of time column
* CSV\_FILE\_EXTENSION: Determines type of file the Reference app looks at

**Hyperion Controls**Graphical user interface

Description automatically generated with medium confidence

1. Displayed Time Frame, the reference app will look at csv files between this range
2. Indicates which device property being displayed visually on the model
3. Visual display of timeline, can be manipulated there
4. Model browser, allows you to highlight and search for rooms