KOC Spotfire Reusable Component Development

Contents

[KPI Control 1](#_Toc470678471)

[Bullet Chart: 2](#_Toc470678472)

[Gauge: 3](#_Toc470678473)

# KPI Control

1. Resource Files
   1. jQuery.min.js
   2. exporting.js
   3. fontawesome.css
   4. highcharts.js
   5. JSViz.js
   6. HighCharts.KPI.css
   7. HighCharts.KPI.js
   8. highcharts-more.js
   9. no-data-to-display.js
2. Parameters

|  |  |
| --- | --- |
| **Property (With Example)** | **Reason** |
| "lableText": "DWP", | Chart Heading |
| "UOMText": "(stb/d)", | UOM |
| "FilteredCategory": [ | Indicates the filter by property |
| "DWP", |  |
| "DWPTarget" |  |
| ], |  |
| "GroupCategory": "", | Indicates the Group bY parameters |
| "ChartType": "Bar", | Chart Type inside the KPI - |
| "ColorCode": "#26A2ED", | Chart color |
| "SeriesName": "DWP", | Chart Series Name |
| "CategoryCondition": %%DocProp.CategoryConditionField%%, | Specify the Category |
| "RefreshKPI": %%DocProp.RefreshKPI%% | Bool value to refresh the KPI through Jquery |

# Bullet Chart:

1. Resource Files
   1. jQuery.min.js
   2. exporting.js
   3. highcharts.js
   4. JSViz.js
   5. HighCharts.bar.client.js
2. Parameters

|  |  |
| --- | --- |
| **Property (With Example)** | **Reason** |
| "lableText": "Oil Gain/Loss", | Title |
| "UOMText": "(stb/d)", | UOM |
| "FilteredCategory": "", | Indicates the filter by property |
| "XAxisTitle": "Injectors Count", | Title for the X axis |
| "DateFilter": %%DocProp.Inputdate%% | Filter from the calender control |

# Gauge:

1. Resource Files
   1. jQuery.min.js
   2. exporting.js
   3. fontawesome.css
   4. highcharts.js
   5. JSViz.js
   6. highcharts-more.js
   7. Gauge.js
2. Parameters.

|  |  |
| --- | --- |
| **Parameters** | **Description** |
| Parameters | Fdescription |
| { |  |
| "noOfGauges": "4", | Total no of Gauges |
| "actualVal": [ | Data to load during the page load |
| 30, |
| 40, |
| 60, |
| 50 |
| ], |  |
| "category": [ | List of Gauges |
| "LiquidHandleCapacity", |
| "WaterHandleCapacity", |
| "EffluentWaterCapacity", |
| "SeaWaterCapacity" |
| ], | Gauge Titles |
| "title": [ |
| "Liquid Handling Capacity (%)", |
| "Water Handling Capacity (%)", |
| "Effluent Water Capacity (%)", |
| "Sea Water Capacity (%)" |
| ], |  |
| "Script": "OS1-Gauge" | Iron Python Script to Inject |
| } |  |

1. Parameters