```
<form> <! Buffer—>
  <label>Buffer_Report_bw</label>
  <description>Allow 2min refresh after parameter selections.</description>
  <search>
    <query>| makeresults
     </query>
    <earliest>$TimeRangePicker.earliest$</earliest>
    <latest>$TimeRangePicker.latest$</latest>
    <done>
      <eval token="earliestTime">strftime(strptime($job.earliestTime$,"%Y/%m/%d
%H:%M:%S %p"),"%Y%m%d%H%M%S")</eval>
      <eval token="latestTime">strftime(strptime($job.latestTime$,"%Y/%m/%d %H:
%M:%S %p"),"%Y%m%d%H%M%S")</eval>
    </done>
  </search>
  <fieldset submitButton="false" autoRun="true">
    <input type="time" token="TimeRangePicker" searchWhenChanged="true">
      <label>Time Picker</label>
      <default>
        <earliest>-7d@h</earliest>
        <latest>now</latest>
      </default>
    </input>
    <input type="dropdown" token="fre" searchWhenChanged="true">
      <label>Sampling Frequency</label>
      <choice value="s">Seconds</choice>
      <choice value="min">Minutes</choice>
      <choice value="h">Hours</choice>
      <default>h</default>
    </input>
    <input type="link" token="chassisC">
      <label>Model</label>
      <choice value="*">All</choice>
      <fieldForLabel>MODEL</fieldForLabel>
      <fieldForValue>MODEL</fieldForValue>
      <search>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| table ID, N_KOBAU, ZPKT , _time
| join ID type=left
```

```
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table MODEL| dedup MODEL</query>
        <earliest>-7d@d</earliest>
        <latest>now</latest>
      </search>
      <default>*</default>
    </input>
    <input type="dropdown" token="PlantArea" searchWhenChanged="true">
      <label>Production Area*</label>
      <choice value="*">All</choice>
      <fieldForLabel>ROLLE</fieldForLabel>
      <fieldForValue>ROLLE</fieldForValue>
      <search>
        <query>|inputlookup check.csv| table *
| fields ROLLE
| dedup ROLLE
| sort ROLLE</query>
        <earliest>-7d@h</earliest>
        <latest>now</latest>
      </search>
      <default>*</default>
      <initialValue>*</initialValue>
    </input>
    <input type="dropdown" token="checkp1" searchWhenChanged="true">
      <label>Starting Checkpoint 1</label>
      <default>Select</default>
      <fieldForLabel>T_EREIGNIS</fieldForLabel>
      <fieldForValue>ZPKT</fieldForValue>
      <search>
        <query>|inputlookup check.csv| table *
| where ROLLE == "$PlantArea$"
| sort by ZPKT</query>
        <earliest>-7d@h</earliest>
        <latest>now</latest>
      </search>
    </input>
    <input type="dropdown" token="checkp2" searchWhenChanged="true">
      <label>Starting Checkpoint 2</label>
      <default>0</default>
      <fieldForLabel>T_EREIGNIS</fieldForLabel>
      <fieldForValue>ZPKT</fieldForValue>
```

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      <search>
        <query>|inputlookup check.csv| table *
| where ROLLE == "$PlantArea$"
| sort by ZPKT</query>
        <earliest>-7d@h</earliest>
        <latest>now</latest>
      </search>
      <choice value="0">SKIP</choice>
    </input>
    <input type="dropdown" token="checkp3" searchWhenChanged="true">
      <label>Ending Checkpoint 1</label>
      <default>Select</default>
      <fieldForLabel>T_EREIGNIS</fieldForLabel>
      <fieldForValue>ZPKT</fieldForValue>
      <search>
        <query>|inputlookup check.csv| table *
| where ROLLE == "$PlantArea$"
| sort by ZPKT</query>
        <earliest>-7d@h</earliest>
        <latest>now</latest>
      </search>
    </input>
    <input type="dropdown" token="checkp4" searchWhenChanged="true">
      <label>Ending Checkpoint 2</label>
      <fieldForLabel>T_EREIGNIS</fieldForLabel>
      <fieldForValue>ZPKT</fieldForValue>
      <search>
        <query>|inputlookup check.csv| table *
| where ROLLE == "$PlantArea$"
| sort by ZPKT</query>
        <earliest>-7d@h</earliest>
        <latest>now</latest>
      </search>
      <choice value="0">SKIP</choice>
      <default>0</default>
    </input>
  </fieldset>
  <row>
    <panel>
      <title>Checkpoint Fill Level **UNDER CONSTRUCTION***</title>
      <single>
        <title>Production Area $PlantArea$, Checkpoint Starting to Exiting</title>
        <search>
```

```
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN ($checkp1$,
$checkp2$,$checkp3$,$checkp4$) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| dedup ID
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace $checkp1$ with "Incoming"
| replace $checkp3$ with "Outgoing"
| replace $checkp2$ with "Incoming"
| replace $checkp4$ with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token5$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| stats avg(fill_level) as Fill_Level</query>
          <earliest>$TimeRangePicker.earliest$</earliest>
          <latest>$TimeRangePicker.latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="colorBy">value</option>
        <option name="colorMode">block</option>
        <option name="drilldown">all</option>
        <option name="height">115</option>
        <option name="numberPrecision">0</option>
        <option name="rangeColors">["0x555","0x555"]</option>
        <option name="rangeValues">[0]</option>
        <option name="refresh.display">progressbar</option>
        <option name="showSparkline">1</option>
        <option name="showTrendIndicator">1</option>
        <option name="trellis.enabled">0</option>
        <option name="trellis.scales.shared">1</option>
        <option name="trellis.size">medium</option>
        <option name="trendColorInterpretation">standard</option>
        <option name="trendDisplayMode">absolute</option>
        <option name="underLabel">***UNDER CONSTRUCTION***</option>
```

```
      <option name="unitPosition">after</option>
      <option name="useColors">1</option>
      <option name="useThousandSeparators">1</option>
      <drilldown>
        <set token="show_panel4">true</set>
        <unset token="show_panel1">true</unset>
        <unset token="show_panel2">true</unset>
        <unset token="show_panel3">true</unset>
        <unset token="show_panel">true</unset>
      </drilldown>
    </single>
  </panel>
 </row>
 <row>
  <panel>
    <title>Stacker utilization - Layout plant 10, Spartanburg (04/2019)
$TimeRangePicker.latest$</title>
    <html>
     <center> <img style="padding-top:60px" height="800" src="/static/app/
component_analysis/test.png" width="1200"/>  </center>
   <!-- src="/static/app/component_analysis/stkr.png" Stackerimage.png -->
    </html>
  </panel>
 </row>
 <row>
  <panel depends="$alwaysHideCSS$">
    <table>
      <title>Checkpoint Initial Fill Level***UNDER CONSTRUCTION***</title>
      <search>
        <done>
          <set token="Token5">$result.fill_level$</set>
        </done>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN ($checkp1$,
$checkp2$,$checkp3$,$checkp4$) earliest= "-15d@d" latest=now
  | dedup _raw
   | eval timeloct = relative_time(now(),"-7d@h")
   | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
| where DZ_ZPKT &amp;lt; start_time
| join N_KOBAU
   [ search index="ipsl_checkpoint" source="ipsl" ZPKT IN ($checkp1$,
$checkp2$,$checkp3$,$checkp4$) earliest="-15d@d" latest=now
| dedup _raw
   | eval timeloct = relative_time(now(),"-7d@h")
```

```
    | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
    | where DZ_ZPKT &gt; start_time]
     | eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$"  == "*", MODEL, "$chassisC$" )
| where MODEL = CC
| stats count as fill_level</query>
          <earliest>$earliest$</earliest>
          <latest>$latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="count">100</option>
        <option name="dataOverlayMode">none</option>
        <option name="drilldown">none</option>
        <option name="percentagesRow">false</option>
        <option name="refresh.display">progressbar</option>
        <option name="rowNumbers">false</option>
        <option name="totalsRow">false</option>
        <option name="wrap">true</option>
      </table>
    </panel>
  </row>
  <row>
    <panel depends="$show_panel4$">
      <title>Checkpoint Analysis***UNDER CONSTRUCTION***</title>
      <chart>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN ($checkp1$,
$checkp2$,$checkp3$,$checkp4$) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| dedup ID
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
```

```
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace $checkp1$ with "Incoming"
| replace $checkp3$ with "Outgoing"
| replace $checkp2$ with "Incoming"
| replace $checkp4$ with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token5$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| fields _time Outgoing fill_level Incoming Target_Capacity</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option
name="charting.axisLabelsX.majorLabelStyle.overflowMode">ellipsisNone</
option>
      <option name="charting.axisLabelsX.majorLabelStyle.rotation">0</option>
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Units</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.axisX.abbreviation">none</option>
      <option name="charting.axisX.scale">linear</option>
      <option name="charting.axisY.abbreviation">none</option>
      <option name="charting.axisY.scale">linear</option>
      <option name="charting.axisY2.abbreviation">none</option>
      <option name="charting.axisY2.enabled">1</option>
      <option name="charting.axisY2.scale">inherit</option>
      <option name="charting.chart">column</option>
      <option name="charting.chart.bubbleMaximumSize">50</option>
      <option name="charting.chart.bubbleMinimumSize">10</option>
      <option name="charting.chart.bubbleSizeBy">area</option>
      <option name="charting.chart.nullValueMode">gaps</option>
      <option name="charting.chart.overlayFields">fill_level,Target_Capacity</
option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.chart.sliceCollapsingThreshold">0.01</option>
      <option name="charting.chart.stackMode">default</option>
      <option name="charting.chart.style">shiny</option>
```

```
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.layout.splitSeries.allowIndependentYRanges">0</
option>
      <option name="charting.legend.labelStyle.overflowMode">ellipsisMiddle</
option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="charting.lineWidth">2</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
    </chart>
  </panel>
 </row>
</form>
```