🡪 Block Name = GENERIC\_GRAPH

A Graph component is built based on a table structure. The idea is to fill data into the table of the graph to populate it automatically. The table structure is the same as of the Generic table component:

**Axis & values**

List of AXIS List of TAGS per Axis

METRICS

RUN\_TIME

~~TECHNICAL\_DEBT~~

CRITICAL\_VIOLATION

VIOLATION

TECHNICAL\_SIZING

FUNCTIONAL\_WEIGHT

<ID>

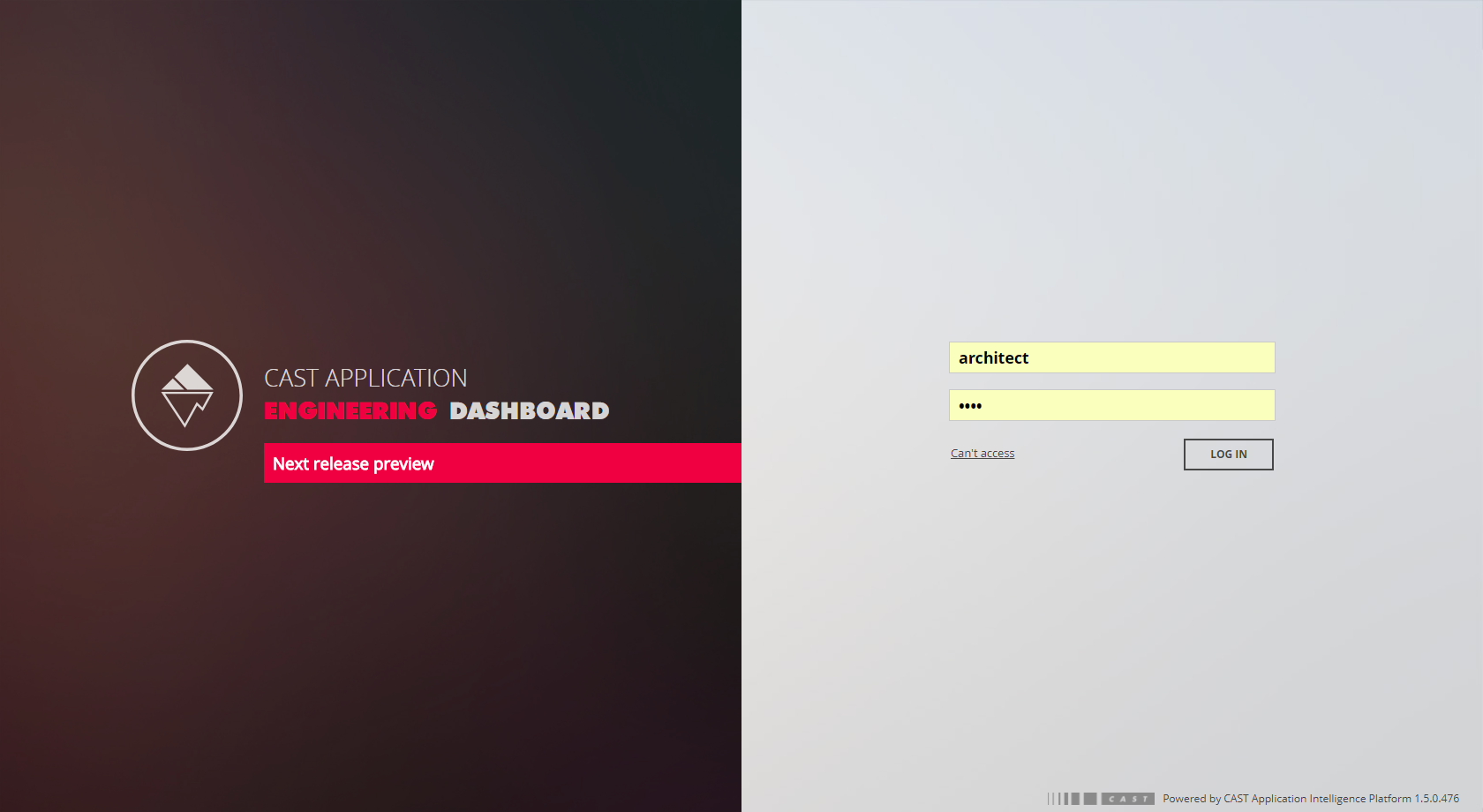
HEALTH\_FACTOR

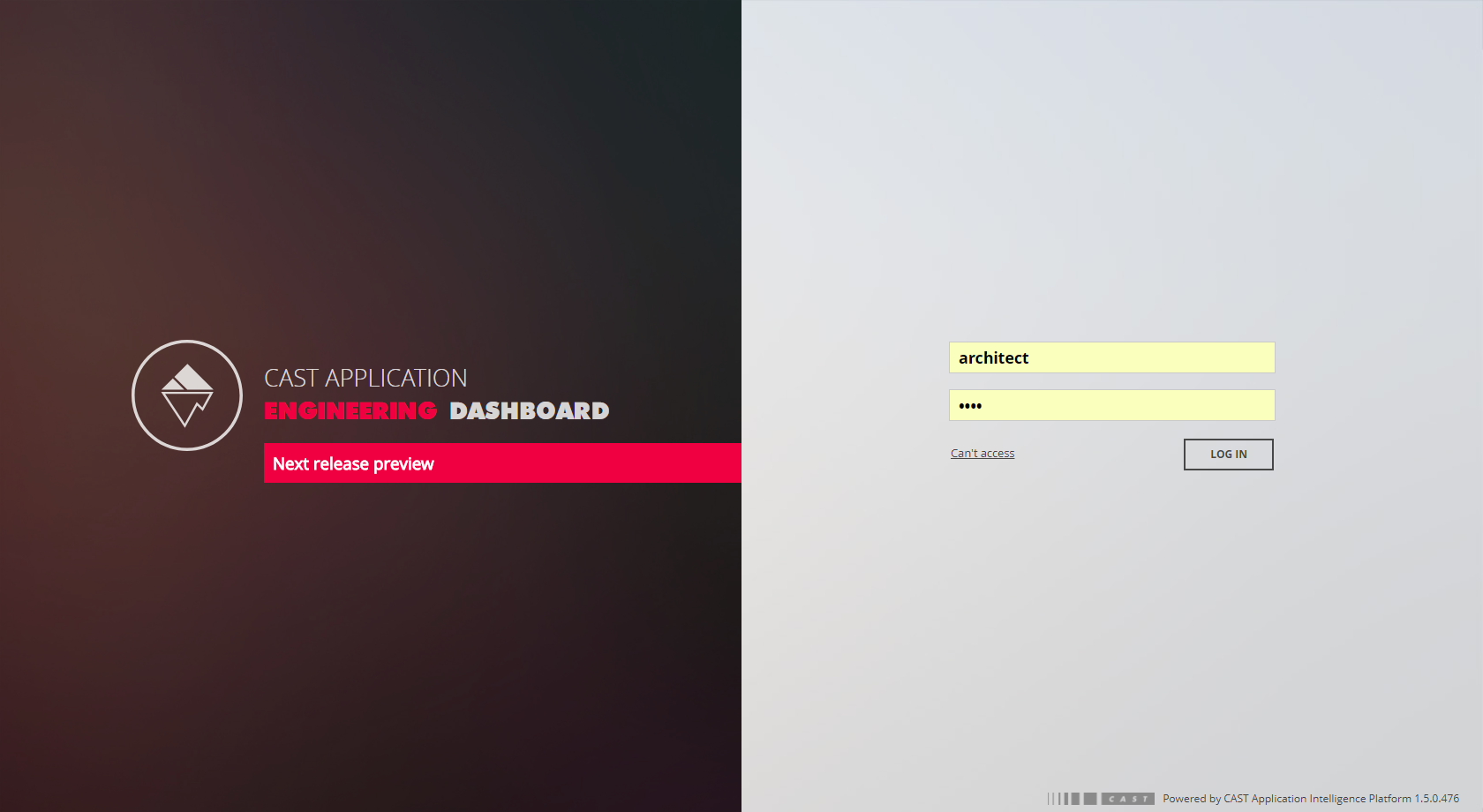
BUSINESS\_CRITERIA

TECHNICAL\_CRITERIA

QUALITY\_RULES

APPLICATIONS

EACH

ALL

<NAME>

VIOLATIONS \*

ALL

REMOVED

ADDED

TOTAL

CRITICAL VIOLATIONS \*

TOTAL

ALL

ADDED

REMOVED

TECHNOLOGIES

EACH

<NAME>

OMG\_TECHNICAL\_DEBT\*\*

REMOVED

ADDED

ALL

TOTAL

\* To get results on violations or critical violations on a specific metrics, add the axis “METRICS=M” where M is a metric id from quality model (eg page 4)

\*\* Requires installation of OMG Technical Debt Measure (>2.0.0 funcrel) (and ISO-5055 Index extensions and/or CISQ Index extensions).  
To get results on Omg Technical Debt on a specific metric, add the axis "METRICS=M" where M is the index id (ISO, CISQ or AIP)

**Table Structure**

COL 1: (1st axis of information, mandatory)

ROW 1: (1st axis of information, mandatory)

COL 11: (2nd axis of information, optional)

ROW 11: (2nd axis of information, optional)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | COL1 – COL11 | COL1 – COL12 | COL2 - COL21 | COL2 - COL22 |
| ROW1 |  |  |  |  |
| ROW11 |  |  |  |  |
| ROW12 |  |  |  |  |
| ROW2 |  |  |  |  |
| ROW21 |  |  |  |  |
| ROW22 |  |  |  |  |

**“Alt” Structure (without space or return)**

TABLE;GENERIC\_TABLE;COL1=A,COL11=B,ROW1=C,ROW11=D,A=a,B=b,C=c|d,D=e|f|g

* where A,B,C and D are one of the axis above
* and a, b, c, d, e, f, g is one or multiple tags of the axis
* AGGREGATORS

**Clustered column graph – sample 1**

GRAPH;PF\_GENERIC\_GRAPH;COL1=METRICS,ROW1=APPLICATIONS,METRICS=60016

**Clustered column graph – sample 2**

GRAPH;PF\_GENERIC\_GRAPH;COL1=METRICS,ROW1=TECHNOLOGIES,METRICS=10151|60017,AGGREGATORS=SUM|AVERAGE,TECHNOLOGIES=EACH

**Stacked Bar – sample 3**

GRAPH;PF\_GENERIC\_GRAPH;COL1=CRITICAL\_VIOLATIONS,ROW1=APPLICATIONS,APPLICATIONS=ALL,CRITICAL\_VIOLATIONS=ALL,METRICS=60017

**Stacked Bar – sample 4**

GRAPH;PF\_GENERIC\_GRAPH;COL1=CRITICAL\_VIOLATIONS,ROW1=METRICS,METRICS=HEALTH\_FACTOR,CRITICAL\_VIOLATIONS=ADDED|REMOVED

**Radar chart – sample 5**

GRAPH;PF\_GENERIC\_GRAPH;COL1=APPLICATIONS,ROW1=METRICS,METRICS=60013|60014|60016,AGGREGATORS=AVERAGE,APPLICATIONS=ALL

**Pie chart – sample 6**

GRAPH;PF\_GENERIC\_GRAPH;ROW1=TECHNOLOGIES,COL1=METRICS,TECHNOLOGIES=EACH,METRICS=10151,AGGREGATORS=SUM

**Stacked Bar – sample with ISO Technical Debt**

GRAPH;PF\_GENERIC\_GRAPH;COL1=OMG\_TECHNICAL\_DEBT,ROW1=APPLICATIONS,APPLICATIONS=EACH,OMG\_TECHNICAL\_DEBT=ALL,METRICS=ISO

ISO option is the recommended technical debt to be used. Requires installation of OMG Technical Debt Measure (>2.0.0 funcrel) and ISO-5055 Index extensions during analysis

CISQ option required installation of OMG Technical Debt Measure and CISQ Index extensions during analysis. Scope of rules is reduced