🡪 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

SNAPSHOTS

EVOL

EVOL\_PERCENT

ALL

PREVIOUS

CURRENT

METRICS

CRITICAL\_QUALITY\_RULES

FUNCTIONAL\_WEIGHT

TECHNICAL\_SIZING

RUN\_TIME

TECHNICAL\_DEBT

CRITICAL\_VIOLATION

VIOLATION

<ID>

HEALTH\_FACTOR

BUSINESS\_CRITERIA

TECHNICAL\_CRITERIA

QUALITY\_RULES

MODULES

ALL

<NAME>

TECHNOLOGIES

ALL

<NAME>

VIOLATIONS \*

ALL

REMOVED

ADDED

TOTAL

CRITICAL\_VIOLATIONS \*

TOTAL

ALL

ADDED

REMOVED

\* 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)

**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

**Clustered column graph**

GRAPH;GENERIC\_GRAPH;COL1=SNAPSHOTS,ROW1=METRICS,METRICS=HEALTH\_FACTOR,SNAPSHOTS=CURRENT|PREVIOUS

**Clustered column graph – sample 2**

GRAPH;GENERIC\_GRAPH;COL1=METRICS,ROW1=MODULES,METRICS=HEALTH\_FACTOR

**Stacked Bar**

GRAPH;GENERIC\_GRAPH;COL1=CRITICAL\_VIOLATIONS,ROW1=MODULES,MODULES=ALL,CRITICAL\_VIOLATIONS=ALL,METRICS=60017;

**Stacked Bar – sample 2**

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

**Radar chart**

GRAPH;GENERIC\_GRAPH;COL1=SNAPSHOTS,ROW1=METRICS,METRICS=60013|60014|60016,SNAPSHOTS=CURRENT|PREVIOUS

GRAPH;GENERIC\_GRAPH;COL1=SNAPSHOTS,ROW1=METRICS,METRICS=66033|66031|66032,SNAPSHOTS=CURRENT|PREVIOUS

**Pie chart**

GRAPH;GENERIC\_GRAPH;ROW1=TECHNOLOGIES,COL1=METRICS,TECHNOLOGIES=ALL,METRICS=10151

GRAPH;GENERIC\_GRAPH;ROW1=MODULES,COL1=METRICS,MODULES=ALL,METRICS=10151