

# Examples of dependency matrix tool

The code in this section demonstrates some scenarios with Dependency Matrix tool. The code may not be executable or may not return a correct result. The purpose is to show you how to use Generic Table tool and how it works.

Prints the row, column and its relationship name.

```
#foreach ($diagram in $project.getDiagrams("Dependency Matrix"))
#set ($matrix = $depmatrix.getMatrix($diagram))
#foreach ($row in $matrix.getRows())
#foreach ($col in $matrix.getColumns())
#foreach ($rel in $matrix.getRelation($row, $col))
$row.name has $rel.name with $col.name
#end
#end
#end
#end
```

Counts the number of relations of column elements.

```
#foreach ($diagram in $project.getDiagrams("Dependency Matrix"))
#set ($matrix = $depmatrix.getMatrix($diagram))
#foreach ($col in $matrix.getColumns())
#set ($count = 0)
#foreach ($row in $matrix.getRows())
#set ($numberOfrelation = $matrix.getRelation($row, $col).size())
#set ($count = $count + $numberOfrelation)
#end
$col.name has $count relations
#end
#end
```