

# MatrixByObject

Name	Status	Stable	Work but need more test	Nightly	Updated by
Matrix By Object Version 1.4	3.2			3.x	Mathias PFAUWADEL

## Description:

Allow you to display matrix of association between objects that are connected too a father object.  
You can display properties of association in cells. This layout is for object page.

## Screenshot:

	A1	A2	A3	A4
O1	raci	aci	ci	i
O2	rac			ra
O3	ra			ac
O4	r	a	c	i

## Options

### First-node

Indicate the node ID of the first member of the association to display on the matrix

### Second-node

Indicate the node ID of the second member of the association to display on the matrix

## Custom Association Properties Display

Use the field inside Layout Custom Matric by Object to set what properties of the association you want to see.

Use the following syntaxe:

SCRIPTNAME1:nameToDisplayIfCheckBoxCheck,

SCRIPTNAME2:nameToDisplayIfCheckBoxCheck...

If you don't put nameToDisplayIfCheckBoxCheck, the layout will display the property name if it's a checkbox or the value of the property in other case.

## Connection-policy

Display only objects that are connected to the father object

If for exemple we have the following metamodel

Process -> Organisation -> Activity

If this options is check it will display, only the Organisation and the activity that are associated to the Process of the object page

## Exemples

### Standard Case

Here we have a process lvl 2, which is associated to some process lvl3 which are associated to application

We want to display the matrix between the process lvl3 and the application.

Here is the following configuration.



### Object that describe a diagram

Here we have a process, that is described by a diagram, we have some activity and organisation on the diagram.

We want to display the matrix of the association between the activity and the organisation that are on the diagram.

We also want to display property RACI of the association.

Here is the following configuration.

Layout Name	matrix-by-object
Layout ID	
Custom Display String	{name}
Custom Association Properties Display	Responsible:r;Account:a;Consulted:c;Informed:i
first nodeID	testorga_5763_1662947220
Second nodeID	testactivite_5763_462275536
Display only objects that are connected to father	<input checked="" type="checkbox"/>

don't forget to add the property of the intersection you want to display

Property Group Name	General
Identifier	propertyGroup_524333051
Layout	table
Selected Properties	<input checked="" type="checkbox"/> General <input checked="" type="checkbox"/> Responsable <input checked="" type="checkbox"/> Accountable <input checked="" type="checkbox"/> Consulted <input checked="" type="checkbox"/> Informed <input checked="" type="checkbox"/> Name <input type="checkbox"/> Description <input type="checkbox"/> Status <input type="checkbox"/> Version

## Changing CSS

You customize some parameter of the CSS to have the display you want

C:\Casewise\Evolve\Site\bin\webDesigner\custom\Marketplace\libs\MatrixByObject\src\cwLayoutMatrix  
 for exemple, you can change the font size of the property text, by adding font-size: 10px; in  
 .cellChecked