#### Name cwLayoutNetwork Version

**Updated by Mathias PFAUWADEL 3.1** 

### **Patch Notes**

- 3.1 : Correct double item, adding shape option, correct edge color
- 3.0 : RightClick, Highlight by External, merging (with bigger size) arrow if several associations
- 2.0 : Adding group, icon, Impact, globalFilter, arrow
- 1.0:1st version working

### To be Done

- SearchText Box
- More Options
- Add Translations il 8n like Data/Common/il 8n

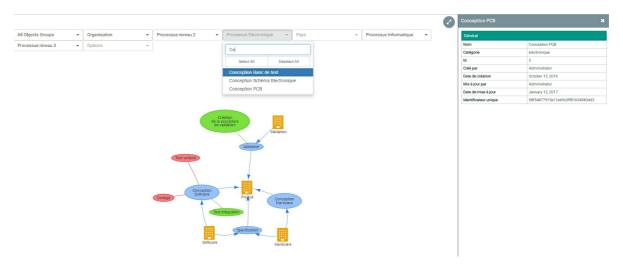
## **Description**

Allow you to display objects and their associations in a network. The layout provide the same interaction than diagram, simple click for popOUT and double click to go on the objectPage. This layout can be use on IndexPage of ObjectPage.

In case of several association, the layout will display only one edge between node, if arrow are in different way, it will display both. The size of the edge will depend of the number of association.

#### **Screen Shot**

The layout will scan all of your hierarchy tree, and put it in a network. You can use filter to choose which item to display

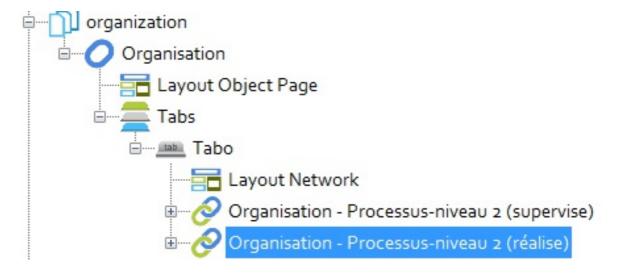


### **Node setup**

### On indexPage



### On ObjectPage With the Object of the object Page on the network



The network layout should be use alone in a view.

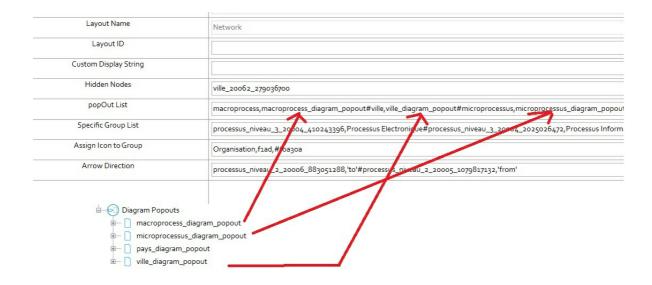
# **Options**

#### **Hidden Nodes:**

Set the ID of the nodes you don't want to appear in the tree, the children will be display instead. (Can be use for application flux See exemples below)

### popOutList:

List the popOut that you want to be used. (ex:scriptname1,popOutName1#scriptname2,popOutName2)



### **Specific Group List:**

Group are the different filter box of the network, by default object are sort in to different group by ObjectType(name of the group is the name of the objectype).

If you want objects of a node to be in a different group use this option:

NodeID, GroupName#NodeID2, GroupName2#

(ex:processus niveau 3 20004 410243396, Processus

Electronique#processus\_niveau\_3\_20004\_2025026472, Processus Informatique)

PS: If an object is present twice in the JSON object, one time in a group and one time in another group, it will only appear in the first group

### **Group To Select On Start**

List the groups you want to display when the network is started. Use comma separator

### Assign Icon or Shape to Group:

You can assign a shape (ellipse, circle, database, box, diamond, dot, star, triangle, triangleDown, square ) to a group.

Use

NameGroup, shape, color, borderColor(optionnal)||NameGroup2, shape2, color2, borderColor2(optionnal)|

You can also assign a FontAwesome Icon to a group.(go to this website to find the code http://fontawesome.io/icons/) Use

NameGroup,icon,FontAwesomeUnicode,color||NameGroup2,icon,FontAwesomeUnicode2,color2.

You can mix Icon and shape like that:

Flux,icon,f0ec,#FF8C00||Application,icon,f10a,#4F90C1||Entité,box,#FF8C00,#4F90C1

#### **Arrow Direction:**

This option allows you to set arrows between nodes. The syntax is the following: node id,'direction'

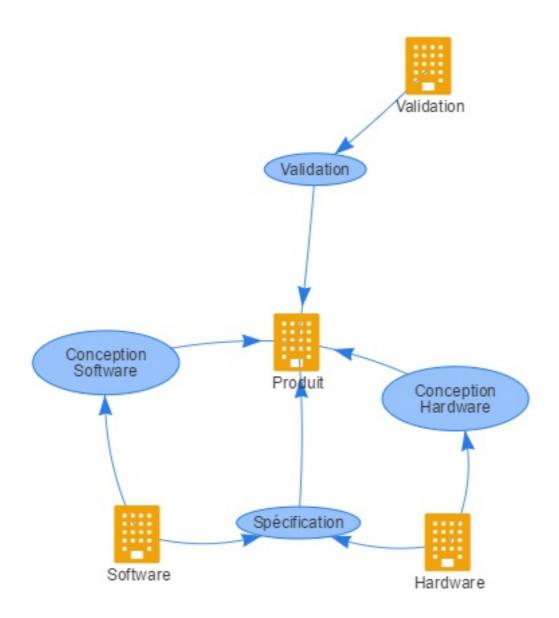
You can use symbol # as a separator to set a list of directions.

The direction can be 'to' or 'from'.

For exemple,

processus\_niveau\_2\_20006\_883051288,'to'#processus\_niveau\_2\_20005\_1079817132,'from' Use to, if you want the arrow that arrive to this node.

Use from, if you want the arrow to leave from this node.



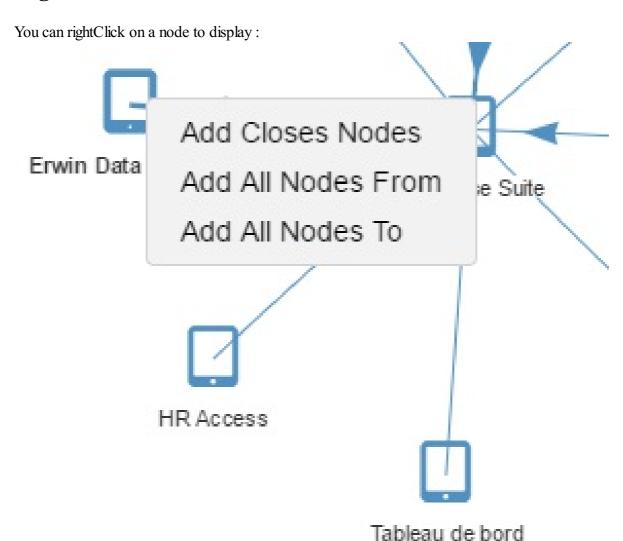
#### Filter Node:

Select Evolve Nodes that will be use to filter your nodes.

nodeID:Label of the filter

For exemple: entite\_20022\_1066555881:Entity Filter (Can be use for application flux See exemples below)

# RightClick Action



#### **Add Closes Nodes**

This will add on the network, the node that are connected to the selected node

#### **Add All Nodes From**

This will add on the network, the node that have a path (even indirect) that leave from the selected Node

#### **Add All Nodes To**

This will add on the network, the node that have a path (even indirect) that go in the selected Node

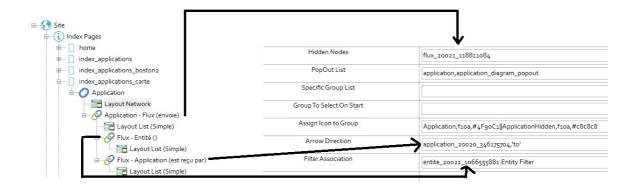
# **Application Map**

Here we have the following metamodel:

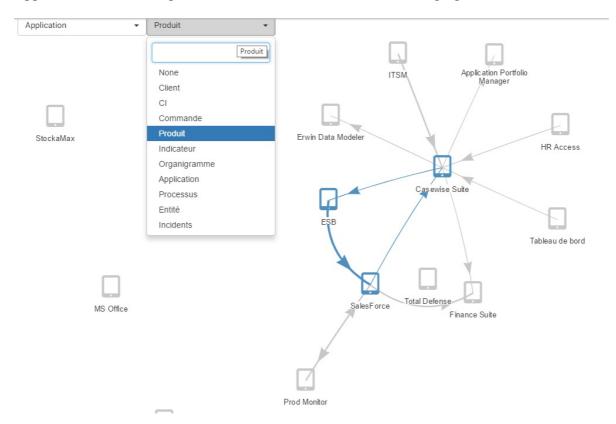
Application connected to flux connected to Application and flux connected to Entity

On the network, we want to display the Application and display the flux as arrow (depending if the flux is emit or receive)

For that, we use the following configuration:



ApplicationHidden correspond to the icon and the colour that the unhighlighted node will take.



You can now go in the Entity Filter and highlight only the node that are connected to a flux that use the selected entity.

PS: if you selected an entity, and all the node connected to the entity are not on the network yet, the entity will add them

# **Organisation Map**

