Name	**cwLayoutNetwork**	**Version**	
Updated by Mathias PFAUWADEL 3.6			

Patch Notes

- 3.6 : Adding Focus on (that all you to zoom on a node of the network)
- 3.5 : Adding Legend (only for fontawesome icon)
- 3.4 : Working with the LayoutMap
- 3.3 : Adding Complementary Item
- 3.2 : Can be display in a tab for objectPage and Indexpage
- 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
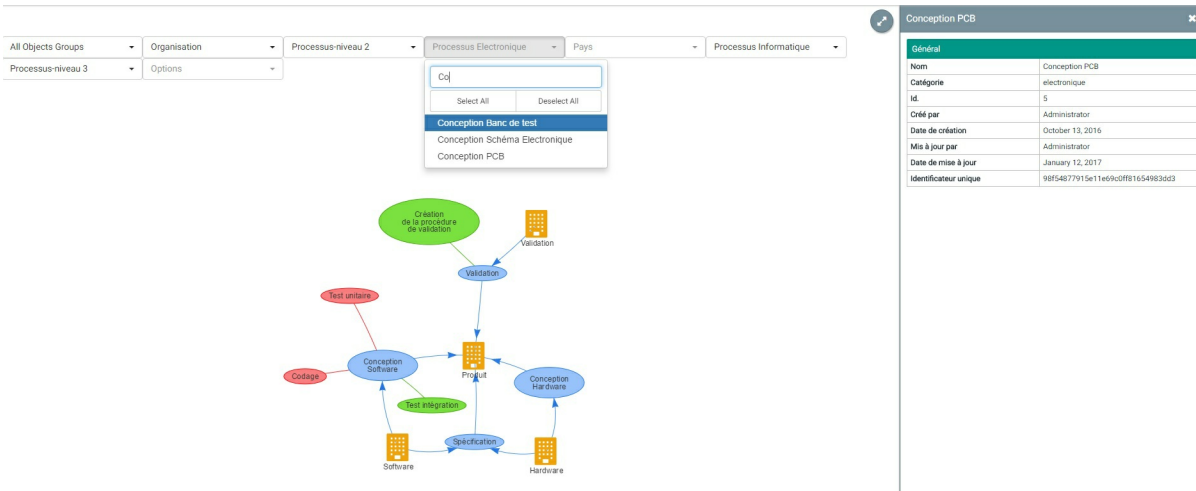- Add Translations i18n like Data/Common/i18n

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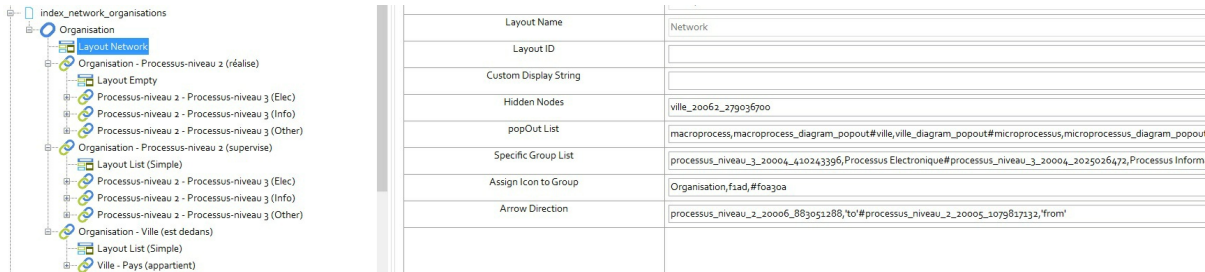
In case of several association, the layout will display only one edge between node, if arrow are in different way, it will display both. The size of the edge will depend of the number of association.

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

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)

Layout Name	Network
Layout ID	
Custom Display String	
Hidden Nodes	ville_20062_279036700
popOut List	macroprocess,macroprocess_diagram_popout#ville,ville_diagram_popout#microprocessus,microprocessus_diagram_popout
Specific Group List	processus_niveau_3_20004_410243396,Processus Electronique#processus_niveau_3_20004_2025026472,Processus Inform
Assign Icon to Group	Organisation,f1ad,#f0a30a
Arrow Direction	processus_niveau_2_20006_883051288,'to'#processus_niveau_2_20005_1079817132,'from'

```
Diagram Popouts
    macroprocess_diagram_popout
    microprocessus_diagram_popout
    pays_diagram_popout
    ville_diagram_popout
```

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
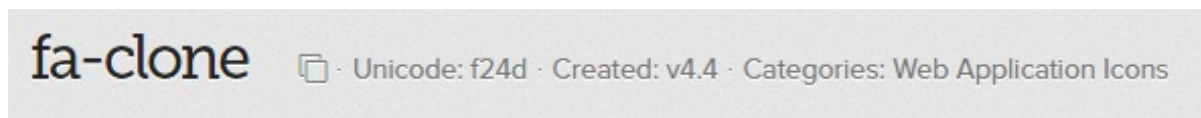
Assign Icon or Shape to Group :

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

fa-clone · Unicode: f24d · Created: v4.4 · Categories: Web Application Icons

Arrow Direction :

This option allows you to set arrows between nodes. The syntax is the following:
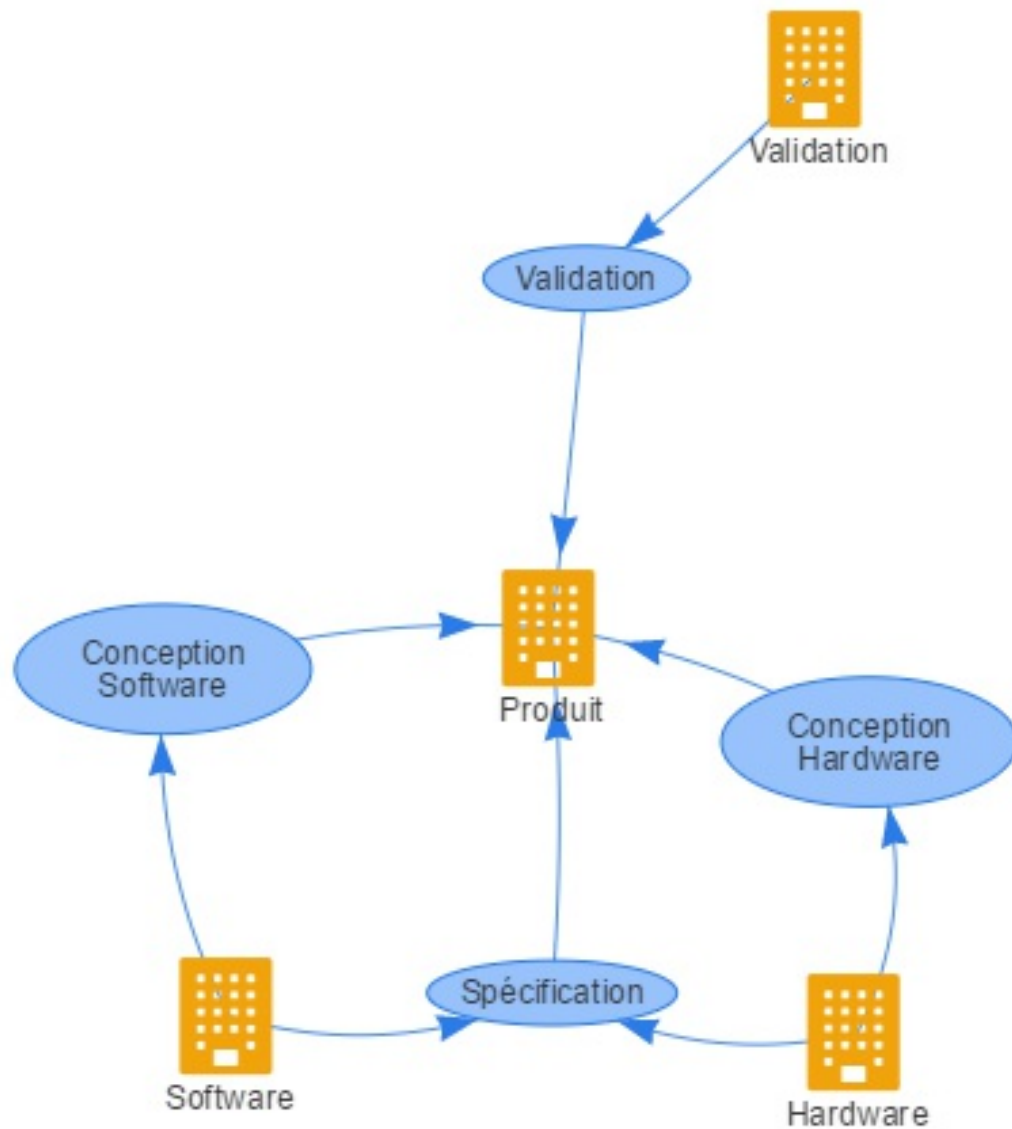node_id,'direction'
You can use symbol # as a separator to set a list of directions.
The direction can be 'to' or 'from'.
For exemple, processus_niveau_2_20006_883051288,'to'#processus_niveau_2_20005_1079817132,'from'
Use to, if you want the arrow that arrive to this node.
Use from, if you want the arrow 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)
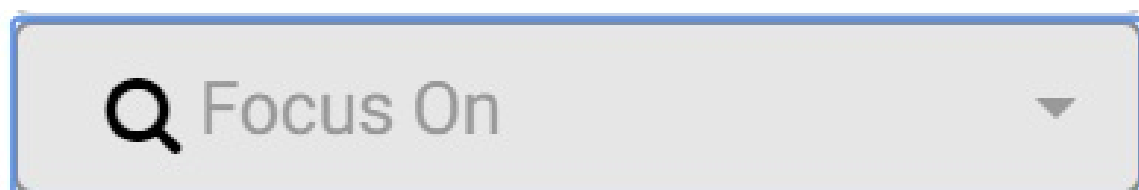
PS : the filter node should always be in first

Complementary Node :

If you want to add a side Node, use this option
For exemple, if you are on the objectPage of an application, you want to display sent and received flux.
Put the network under the associationNode of the sent flux, then add the node id of the received flux in this option. Use comma as a splitter

Focus On

This menu allow you to zoom on a object prevent on the network, it will go to his position, zoom on it, and select it.

RightClick Action

You can rightClick on a node to display :

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
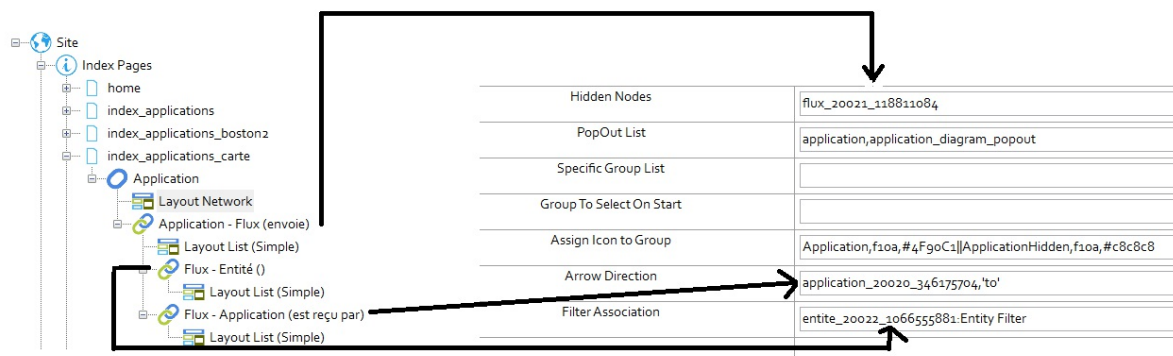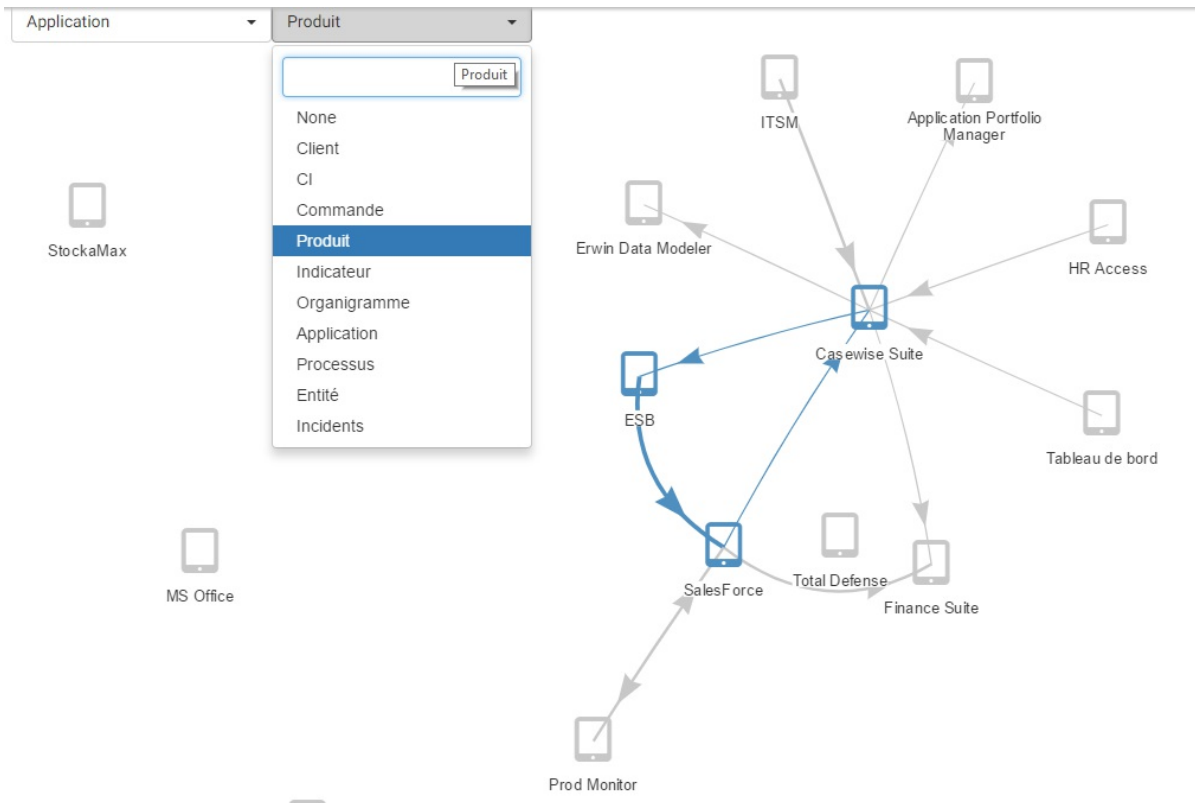
Here we have the following metamodel :

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 :

Hidden Nodes	flux_20021_118811084
PopOut List	application,application_diagram_popout
Specific Group List	
Group To Select On Start	
Assign Icon to Group	Application,f10a,#4F90C1||ApplicationHidden,f10a,#c8c8c8
Arrow Direction	application_20020_346175704,'to'
Filter Association	entite_20022_1066555881:Entity Filter

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

Marketing UK

Support UK

Ventes UK

Comptabilité

Livraison

Direction UK

Services UK

Triage

Finance

Quai de déchargement

Logistique

Ressources Humaines

Support France

Stationnement

Direction Générale

Direction France

Ventes France

Achats

Marketing US

R&D

Marketing France

Direction US

Services France

Ventes US

DSI

Exploitation TI

Services US

Support US

Architecture d'Entreprise

Centre d'appels

Projets TI

Support Client