

Name **Filter By External Association Version**
Updated by Mathias PFAUWADEL 1.9x

Patch Notes

1.9 : Can use other custom layout

1.8 : Adding filter out, cutting empty branch, CSS fix

Description

Allow you to filter items on a node depending on an association

Installation

<https://github.com/casewise/cpm/wiki>

Parameter setup

DisplayName :

Set the layout javascript class name you want to use to display this node

Filter In :

Set the id(s) of the node(s) which should be display if the association exists. Splitter character is a ;

Filter Out:

Set the id(s) of the node(s) which should be display if the association doesn't exists. Splitter character is a ;

Display if all selected association of an association type :

Element need to have all selected association of an association type to be displayed

Display if at least one association in all association type :

Element need to have at least one association in all association type to be displayed

Use Layout :

Set the layout javascript class name you want to use to display this node

Others Option :

If Use Layout is a custom layout, you can pass custom option by here following this schema =>
Option1:ValueOption1:TypeOption1#Option2:ValueOption2:TypeOption2.....

- if your option is a checkbox, choose TypeOption = 1 and ValueOption = true if it's checked and false if unchecked
- if your option is a text field, choose TypeOption = 0 and ValueOption = your text option

How to set association filter

Exemple 1

Here with have the following metamodel

Process level 2 associated with Process level 3

Process level 3 associated with Sites

Process level 3 associated with Application

We want to display the following list :

- Process level 2
 - Process level 3

And be able to display only the Process level 3 that have the association with a chosen Sites or Applications (you can put as much association type you want)

Here is a list with the associations

- Conception Hardware
 - Conception PCB
 - Lyon
 - Altium Designer
 - Office
 - Outlook
 - Windows
 - Conception Schéma Electronique
 - Paris
 - Altium Designer
 - Office
 - Outlook

- Windows
- Test sur hardware
 - Lyon
 - Office
 - Outlook
 - Windows
- Conception Software
 - Codage
 - Cambridge
 - Eclipse
 - Office
 - Outlook
 - Sublime
 - Windows
 - Test intégration
 - Londres
 - Eclipse
 - Office
 - Outlook
 - Windows
 - Test unitaire
 - Londres
 - Eclipse
 - Office
 - Outlook

- OUTLOOK
- Windows

The layout configure like this :

Options [cwWebDesignerTreeNodeLayout] - Layout Filter By External Association	
Nom du noeud	Layout Filter By External Association
Display Object Hyperlink	<input checked="" type="checkbox"/>
Javascript Class Name	cwFilterByExternalAssociation
Layout Name	filter-by-External-association
Layout ID	
Custom Display String	{name}
Use Layout	cwLayoutList
Filter In	application_20003_337440819;ville_20064_775130272
Display if all selected association of an	<input type="checkbox"/>
Display if at least one association in all	<input type="checkbox"/>

and here is the result if we select Paris

ville ▼ application ▼

éma Electronique

Select All

Deselect All

Paris ✓

Londres

Cambridge

Lyon

ville

application

- Conception Hardware
 - Conception Schéma Electronique
- Conception Software
- Spécification
- Validation
 - Conception Banc de test
 - Création de la procédure de validation

Here we see all the Process level 2 which are in Paris

We can select 1 or more association.(See option to see the behaviour of the list)

ville

application

Select All

Deselect All

Paris ✓

Londres

Cambridge

Lyon ✓

- Conception Hardware
 - Conception Schéma Electronique
- Conception Software
- Spécification
- Validation
 - Conception Banc de test
 - Création de la procédure de validation

ville ▼

application ▼

- Conception Hardware
 - Conception PCB
 - Conception Schéma Electronique
 - Test sur hardware
- Conception Software
- Spécification
- Validation
 - Conception Banc de test
 - Création de la procédure de validation

Here we see all the Process level 2 which are in Paris or(can be modify with option) in Lyon