

Name **Pivot Table** **Version**

Updated by Mathias PFAUWADEL 3.3

Patch Notes

- 3.3 : Update Graphics
- 3.0 : Enable Saving
- 2.0 : 1st version working

To be Done

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

Description

Allow you to display your item and their associations (n-lvl) in a pivot table, filter, choose your pivot ordering and display bar chart, line piechat... and also export un tsv

Screen Shot

The layout will scan all of your hierarchy tree, and put it in the pivot table

The screenshot shows a web application interface for configuring a pivot table. On the left, under 'Pivot Table Configuration', there is a dropdown menu set to 'None' and a 'Table' dropdown. Below these is a list of application types with expandable options: 'Application_Code application (unique)', 'Application_Contient des informations personnelles', 'Application', 'Application_Cible', 'Application_Coût de maintenance', 'Application_Coût total de possession', 'Application_Criticité', 'Application_Critique pour réglementations RGPD', 'Application_Nombre d'utilisateurs', 'Application_Type d'application', and 'Application_Type de contrat'. In the center, there is a 'Count' dropdown and an 'Application_Catégorie' dropdown. On the right, a pivot table is displayed with the following data:

Application_Type d'accès	Application_Catégorie	Développement interne	Logiciel	Middleware	Progiciel	__UndefinedValue__	Totals
Accès illimité		2	1	1	2		6
Licence à l'utilisateur		8	5		2		15
Location par utilisateur					9		9
__UndefinedValue__			2		7	2	11
Totals		10	8	1	20	2	41

Custom Display String Enhanced

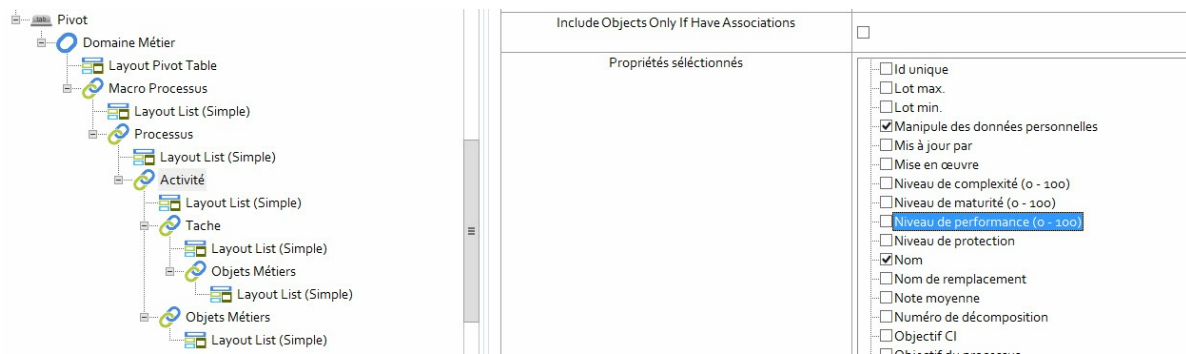
The Custom Display String is not compatible yet

Button

In order to use the button for masking or displaying the different area with IE, you need to install utils 1.3 or more

<https://github.com/ErwinConsultingFrance/evolve-layouts/tree/master/dist/Utils>

Node setup



Options in the evolve Designer

Json Configuration :

Describe your configuration in a json object, then minify it on <https://www.cleancss.com/json-minify/>

Here is an exemple of a json configuration.

```
{
  "complementaryNode" : [],
  "hiddenNodes" : [],
  "cardinalNodes" : [],
  "cols" : [],
  "rows" : [],
  "aggregatorName" : "Count",
  "vals" : [],
  "rendererName" : "Table",
  "hiddenAttributes" : [],
  "enableEdit" : true,
  "loadFirstPivot" : true,
  "hiddenFromDragDrop" : [Properties1,Properties2],
  "hideFilter" : false,
  "hideOption" : false,
  "hideRow" : false,
  "hideColumn" : false,
  "hideTotals" : false,
  "currentDateFilter" : [Properties1,Properties2]
}
```

Complementary Node

Side way node to add in an objectPage

Hidden Nodes :

Make a jump and merge on these node

Cardinal Nodes :

Association of these nodes will be consider as property and it will be assume that they have only object

associate

cols

Label of the column you want to load at the beginning

rows

Label of the rows you want to load at the beginning

rendererName

Name of the renderer you want to use at the beginning by default it's table

Hidden Attribute

If you want to hide some Attribute put their label in the option

Aggregator Name

Put the initial aggregator by default it's count

Values (vals)

Values use for the aggregators

Hidden From Drag Drop

Allow you to hide some property from the pivot table (these element can still be use for data deriver)

Current Date Filter

The property selected will automatically have the currentDate selected with this format
FullYear/FullMonth

Hide Column

If true, the drag&drop column will be hidden

Hide Row

If true, the drag&drop row will be hidden

Hide Totals

If true, the totals column and row will be hidden

Hide Filter

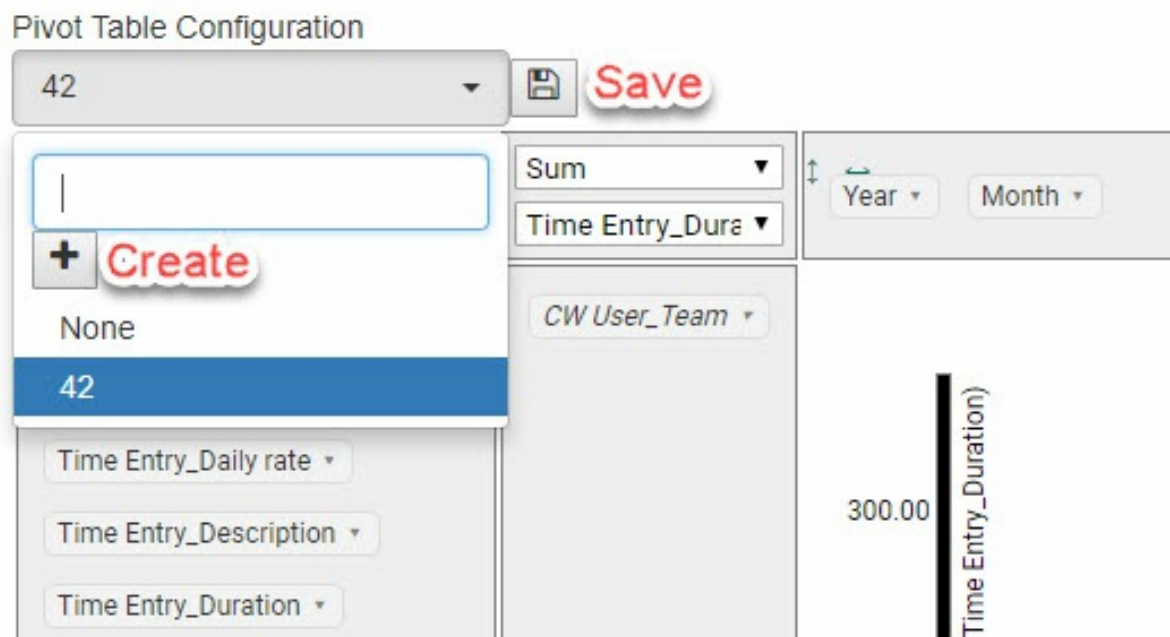
If true, the filter column will be hidden

Hide Options

If true, the aggregator and renderer drop down will be hidden

Enable Edit

You can load Pivot Table Analysis (cols,rows, aggregator, filters ...)
Contributor only can save or create a pivot Table.



When you create a new Pivot Table Analysis, it will create a new object and associate it with the object of your objectPage.

To use this option you need to have your metamodel ready :

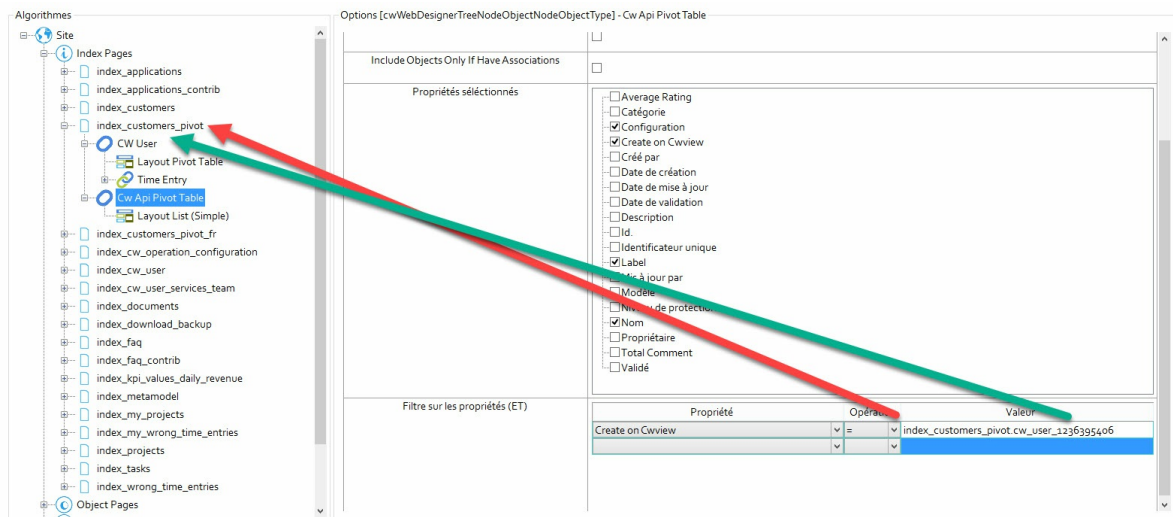
Create a new objectType : CW API Pivot with 3 properties : Configuration (memoText), Label (string) and Create On cwView (string)

Create also an association between CW API Pivot and Any Objects

Inside

C:\Casewise\Evolve\Site\bin\webDesigner\custom\Marketplace\libs\cwPivotTable\src\cwPivotTable.js

Fill theses variable with the scriptname of your model



Inside your evolve configuration

You need to put the association to Cw API Pivot to the main object if you are on an objectPage

On an Indexpage, you need to add a new Cw API Pivot node with a filter(createOnCWview = indexpage.nodeIDofThePivotLayout)

(don't forget to use complementary node if needed)

Drawing



Load the First Cw Api Network of the list

If you check this option, the network layout will load the first capinetwork of the list

Data Deriver

You can create some data deriver, if you want for exemple take only the month of a date you need to modify the file `cwPivotTable.dataDeriver.js`, there are some exemple there on what you can do.

This required some javascript knowledge please ask a consultant