

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

Updated by Mathias PFAUWADEL 4.0

## Patch Notes

- 4.0 : Better managing of scrolling, pie chart, can display list of objects
- 3.3 : Update Graphics
- 3.0 : Enable Saving
- 2.0 : 1st version working

## To be Done

- More Options
- Add Translations in 18n like Data/Common/18n

## 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 pie chart... and also export in tsv

## Screen Shot

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

The screenshot shows the 'Pivot Table Configuration' window. On the left, there is a list of application categories with dropdown menus for each. The 'Table' dropdown is set to 'None'. The 'Count' dropdown is set to 'Count'. The 'Application\_Catégorie' dropdown is set to 'Application\_Catégorie'. The pivot table on the right displays the following data:

Application_Catégorie	Développement interne	Logiciel	Middleware	Progiciel	...(UndefinedValue)...	Totals
Application_Type d'accès						
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

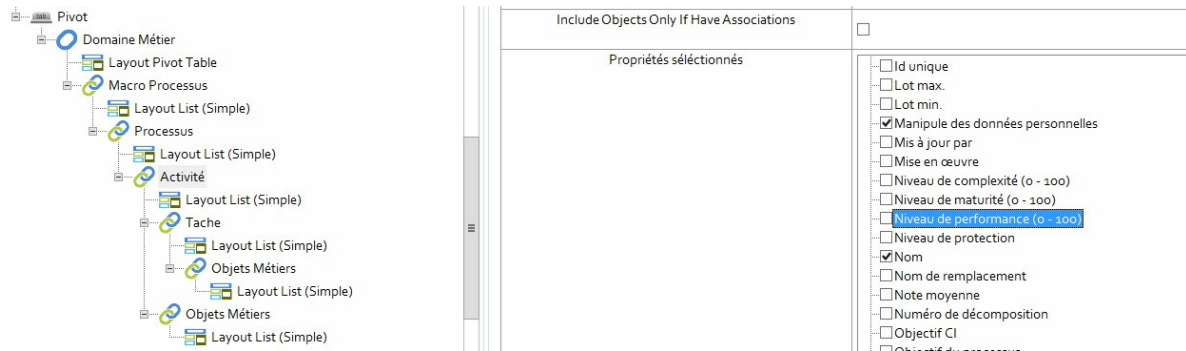
The Custom Display String is not compatible yet

## 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.

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

### UI

If false, you will not have any interface, just the table or graph

### Vertical Display

If you want the table to be vertical

## **Complementary Node**

Side way node to add in an objectPage

## **Hidden Nodes :**

Make a jump and merge on these node

## **Legend :**

If there is a legend for the graph when pivotable is used inside a multi display layout

## **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.

Pivot Table Configuration

42 [Save] [Create]

[Sum] [Time Entry\_Dura] [Year] [Month]

[CW User\_Team]

[Time Entry\_Daily rate] [Time Entry\_Description] [Time Entry\_Duration]

300.00 [Time Entry\_Duration]

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 these 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