

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 i18n like Data/Common/i18n

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 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.

The screenshot displays the 'Pivot Table Configuration' window. At the top, there's a dropdown menu with '42' selected, a save icon, and a red 'Save' button. Below this, a search bar is empty, and a '+ Create' button is visible. A dropdown menu is open, showing 'None' and '42' (which is highlighted in blue). To the right, there are two columns: 'Sum' and 'Time Entry_Dura'. The 'Time Entry_Dura' column has a value of '300.00'. Below these columns, there's a section for 'CW User_Team' with a dropdown menu. On the far right, there's a vertical bar labeled 'Time Entry_Duration' with a value of '300.00'.

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