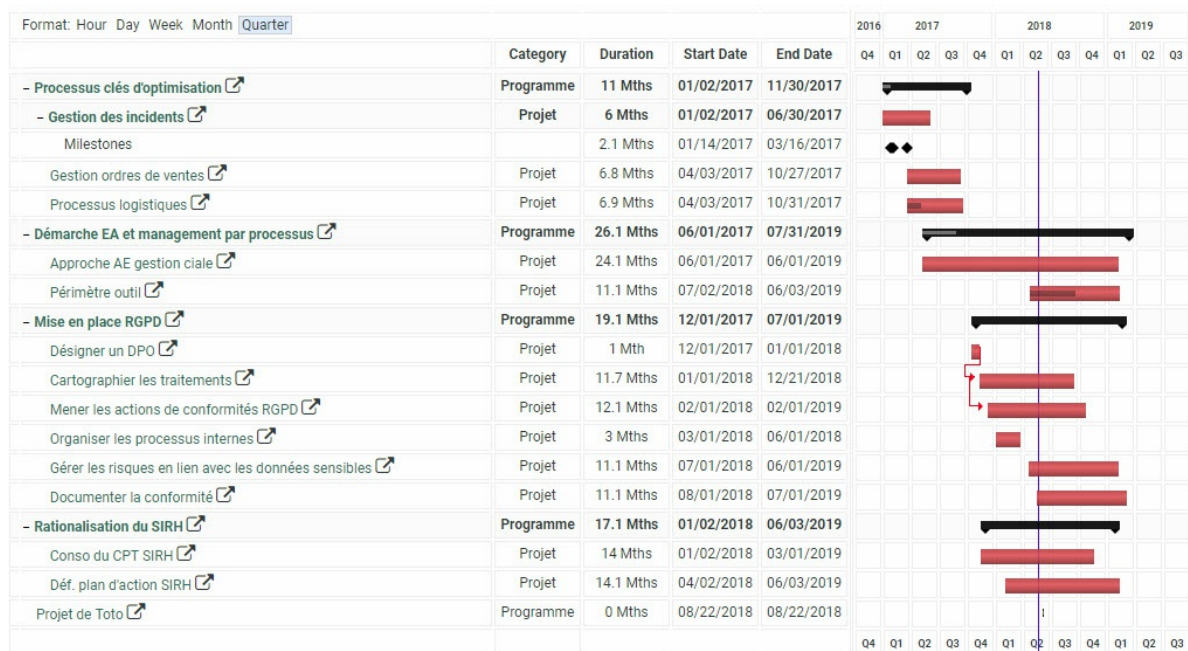| Name | Gantt | Version |
|------|-------|---------|
| **Updated by** Mathias PFAUWADEL | | 1.0 |

# Patch Notes

- 1.0 : 1st version working

# To be Done

- More Options
- Add Translations i18n like Data/Common/i18n

# Description

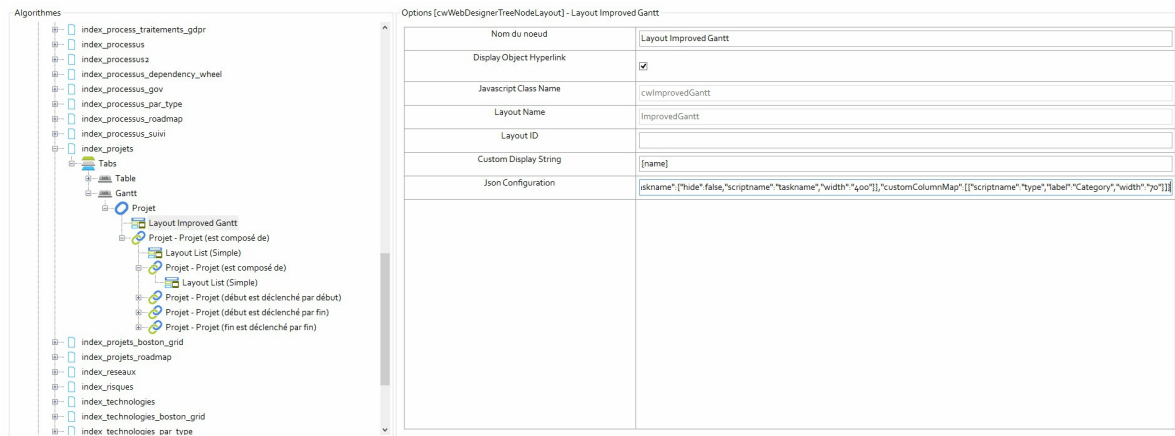Allow you to display objects in a gantt Chart with Milestones and dependency

# Screen Shot

The layout will scan all of your hierarchy tree, and put it in a Gantt Chart



# Custom Display String Enhanced

You can use the Custom Display String Enhanced specific to have the PopOut icon

# Node setup

# Options in the evolve Designer

## Json Configuration :

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

Here is an exemple of a json configuration.

```
{
    "nodes": [{
        "nodeID": "projet_474185792",
        "startDate": "STARTDATE",
        "endDate": "ENDDATE",
        "completion": "PERCENTCOMPLETE",
        "finishToStart": [],
        "startToStart": [],
        "finishToFinish": [],
        "milestone" : [],
        "classStyle": "ggroupblack"
    }, {
        "nodeID": "projet_20027_205402790",
        "startDate": "STARTDATE",
        "endDate": "ENDDATE",
        "completion": "PERCENTCOMPLETE",
        "finishToStart": ["projet_20217_39247427"],
        "startToStart": ["projet_20218_858571321"],
        "finishToFinish": ["projet_20219_1725533778"],
        "milestone" : ["projet_20027_2109559671"],
        "classStyle": "gtaskred"
    }],
    "hiddenNodes": [""],
    "complementaryNode": [],
    "dateDisplayFormat": "mm/dd/yyyy",
    "scale": "month",
    "fixedColumnMap": {
        "startdate": {
            "hide":false,
            "scriptname": "startdate",
            "width": "70"
        },
        "enddate": {
            "hide":false,
            "scriptname": "enddate",
```

```
            "width": "70"
        },
        "duration": {
            "hide":false,
            "scriptname": "duration",
            "width": "70"
        },
        "pccomplete": {
            "hide":true,
            "scriptname": "pccomplete",
            "width": "50"
        },
        "taskname": {
            "hide":false,
            "scriptname": "taskname",
            "width": "400"
        }
    },
    "customColumnMap": [{
        "scriptname": "type",
        "label": "Category",
        "width": "70"
    }]
}
```

You can create your json easily by going on this site

[Json Editor](Json Editor)

# Nodes

List here all the node that will be use in the gantt chart.
Structure of the object

```
"nodeID": "projet_20027_205402790",              // node ID in evolve
"startDate": "STARTDATE",                        // Scriptname of the property
"endDate": "ENDDATE",                            // Scriptname of the property
"completion": "PERCENTCOMPLETE",                 // Scriptname of the property
"finishToStart": ["projet_20217_39247427"],     // The start of the task of th
"startToStart": ["projet_20218_858571321"],     // The start of the task of th
"finishToFinish": ["projet_20219_1725533778"],  // The end of the task of this
"milestone" : ["projet_20027_2109559671"],      // The task of this node will
"classStyle": "gtaskred"                         // Choose the style of your ta
```
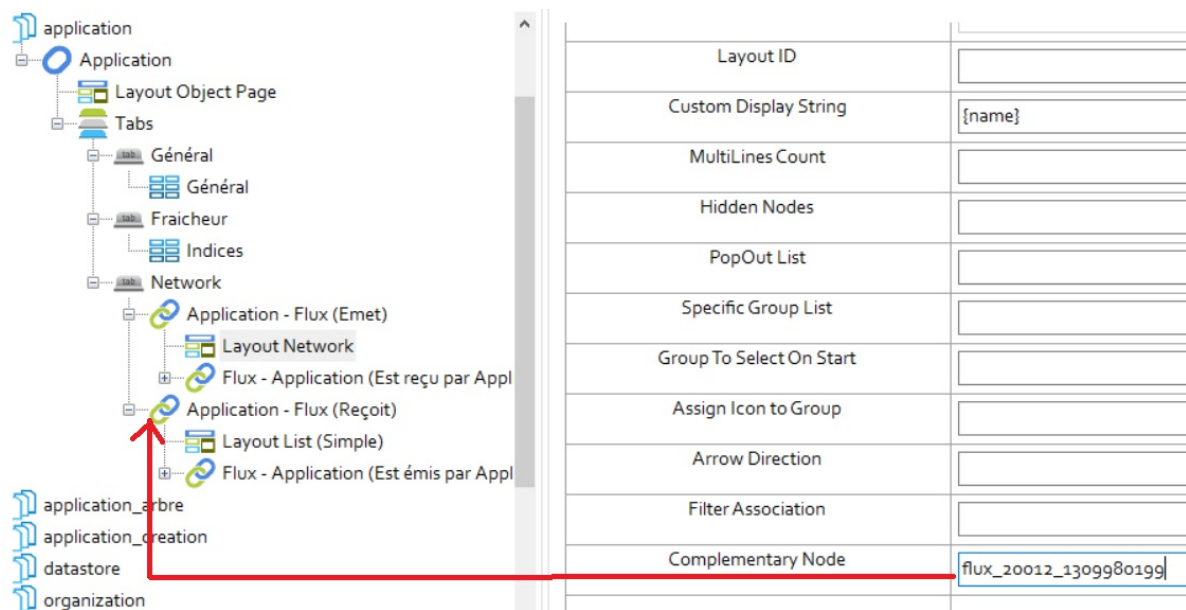
# Hidden Nodes

Set the ID of the nodes you don't want to appear in the gantt, the children will be display instead.

# Complementary Node :

If you want to add a side Node, use this option.

# Date Display Format :

Select the format of display of your dates :

h: Hour (1-12)

hh: Hour (01-12)

pm: am/pm indicator

PM: AM/PM indicator

H: Hour (0-23)

HH: Hour (01-23)

mi: Minutes (1-59)

MI: Minutes (01-59)

d: Day (1-31)

dd: Day (01-31)

day: Abbreviated day of week

DAY: Day of week

m: Month (1-12)

mm: Month (01-12)

mon: Abbreviated month text

month: Full month text

yy: Year, excluding century

yyyy: Year

q: Quarter (1-4)

qq: Quarter (Q1-Q4)

w: ISO Week number (1-53)

ww: ISO Week number (01-53)

week: Full ISO Week date format

separated by one of the following characters: "/-.,':

# Scale

Default scale when you arrived on the gantt, can be changed via buttons :
"day","week","month","quarter"

# Fixed Column Map

Set the option for the different default column of the gantt chart, you can choose the width or if it's hidden or not

don't modify the scriptname

```
{
    "startdate": {
        "hide":false,
        "scriptname": "startdate",
        "width": "70"
    },
    "enddate": {
        "hide":false,
        "scriptname": "enddate",
        "width": "70"
    },
    "duration": {
        "hide":false,
        "scriptname": "duration",
        "width": "70"
    },
    "pccomplete": {
        "hide":true,
        "scriptname": "pccomplete",
        "width": "50"
    },
    "taskname": {
        "hide":false,
        "scriptname": "taskname",
        "width": "400"
    }
}
```

# Custom Column Map

You can add a property to be display in the column.
Choose the width, the label and the casewise scriptname

```
"customColumnMap": [{
    "scriptname": "type",
    "label": "Category",
    "width": "70"
}]
```