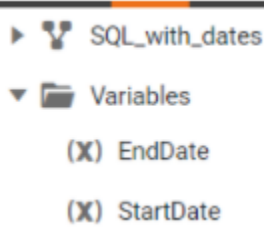


# Filter dashboard using date parameters

This document explains how to filter dashboard data using parameter variables. We will create 2 combo boxes to set up a parameter start and end date. By changing the value of these parameters, we will be able to apply a filtered query to our database.

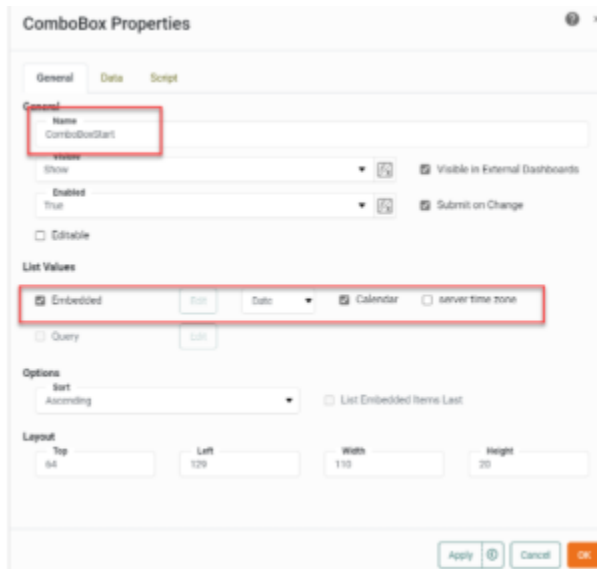
## Prerequisite

We need to have two parameters in the worksheet allowing us to define a start and end date. In our case they are called *StartDate* and *EndDate*.

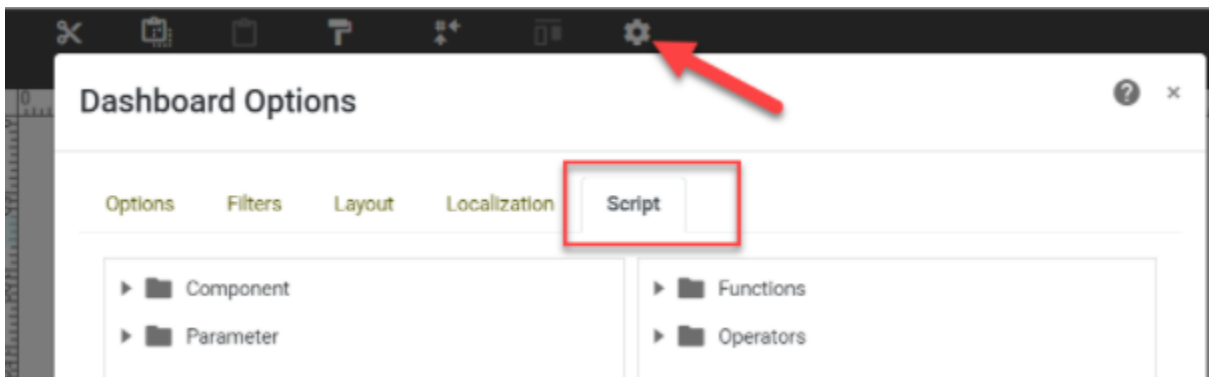


## Steps

- Create two combo boxes allowing the user to select a start and end date. We will call them *ComboBoxStart* and *ComboBoxEnd*. Select *Embedded* as list values type and check the calendar option.



- Go to the dashboard *Options* and go to the *Script* tab.



- Let's create a script that initializes these two combo boxes. For instance:
  - End date = today
  - Start date = today - 3 days

For this we can use the following javascript code:

```
ComboBoxStart.selectedObject = dateAdd('d', -3, new Date());
```

```
ComboBoxEnd.selectedObject = new Date();
```

```
refreshData();
```

The screenshot shows a script editor with three lines of code:

```
1 ComboBoxStart.selectedObject = dateAdd('d', -3, new Date());  
2 ComboBoxEnd.selectedObject = new Date();  
3 refreshData();
```

Below the code editor, there are two radio buttons:  onInit and  onRefresh. To the right, there is a checked checkbox labeled "Enable Script". At the bottom right, there are two buttons: "OK" (orange) and "Cancel" (white with blue border).

- Let's now add a script in the *onRefresh* case, in order to adjust the query depending on the user selection.

```
parameter.StartDate = ComboBoxStart.selectedObject;
```

```
parameter.EndDate = ComboBoxEnd.selectedObject;
```

```
refreshData();
```

The screenshot shows a script editor with three lines of code:

```
1 parameter.StartDate = ComboBoxStart.selectedObject;  
2 parameter.EndDate = ComboBoxEnd.selectedObject;  
3 refreshData();
```

Below the code editor, there are two radio buttons:  onInit and  onRefresh. To the right, there is a checked checkbox labeled "Enable Script". At the bottom right, there are two buttons: "OK" (orange) and "Cancel" (white with blue border).

- Create a simple table or line chart and test if the filter applies correctly