NPrinting filters:

NPrinting has "filter library" which can be used for creating different reports. If the number of filter is more it cannot be entered manually as it takes lot of time. The following scenario helps us in understanding how to automate the filter list creation process.

Scenario:

Creating filter list for all the combinations of country and division.

Solution:

Create a table in QlikView which gives me the list of filters.

Filter Details		
=Country &'-'& Division	Filter 1	Filter 2
Afixrzb-DLA Kgvumif Pyhlbl	Country={Afixrzb}	Division={DLA Kgvumif Pyhlbl}
Afixrzb-GKW Jgeotqwg Hgur	Country={Afixrzb}	Division={GKW Jgeotqwg Hgur}
Afixrzb-LCT Rwgdxbjemds	Country={Afixrzb}	Division={LCT Rwgdxbjemds}
Afixrzb-RYJ Byhsgirh	Country={Afixrzb}	Division={RYJ Byhsgirh}
Afixrzb-WFM Ucisniomajpij Reoslcx	Country={Afixrzb}	Division={WFM Ucisniomajpij Reoslcx}
Avkxevlkd-GKW Jgeotqwg Hgur	Country={Avkxevlkd}	Division={GKW Jgeotqwg Hgur}
Avkxevlkd-LCT Rwgdxbjemds	Country={Avkxevlkd}	Division={LCT Rwgdxbjemds}
Avkxevlkd-NDW Putpxpfbkrz Zfb…	Country={Avkxevlkd}	Division={NDW Putpxpfbkrz Zfbmnb}
Avkxevlkd-PWO Irzexsiflqhbl Cxj…	Country={Avkxevlkd}	Division={PWO Irzexsiflqhbl Cxjwtmjrw}
Avkxevlkd-WFM Ucisniomajpij Re…	Country={Avkxevlkd}	Division={WFM Ucisniomajpij Reoslcx}

I have added Country and Division as dimensions and have framed expressions for filters.

Filter1 - 'Country={' & Country &'}'
Filter2 - 'Division={' & Division & '}'
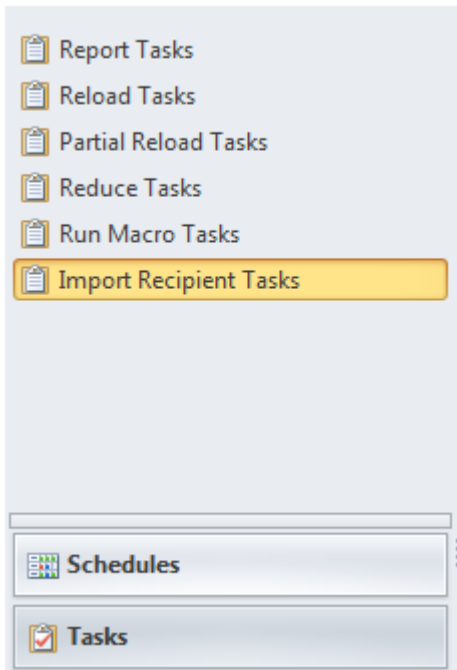
We should make use of the above table in NPrinting.
There are two ways to do so.

    a. QlikView Entity.
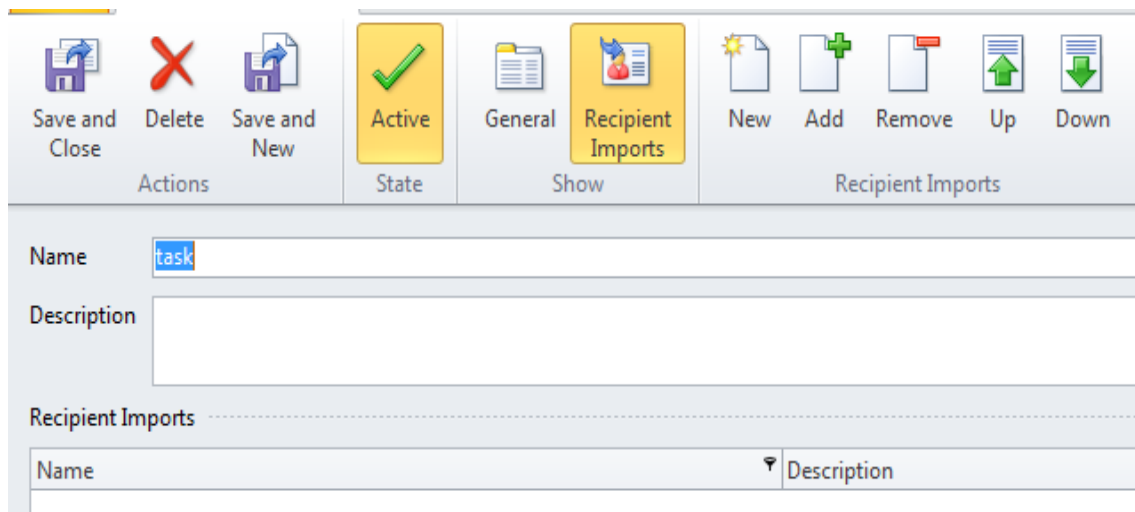   b. Exporting Filter details as Excel Report.

QlikView Entity:

Following are the steps involved

    1. Click on **Tasks** and select **Import Recipient Tasks**.

2. Select **Recipient Imports** and click on **New**.

1. Select **From QlikView Entity**(Highlighted in the below image) option and mention the **Object ID** of the Filter Details table which we created in QlikView.
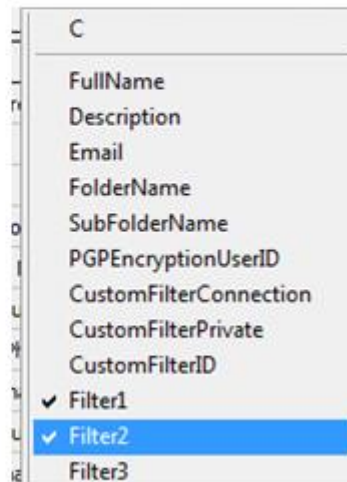
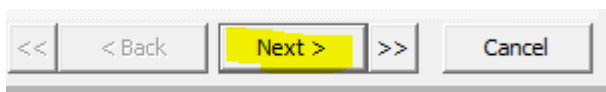2. After mentioning the Object ID click on **From QlikView Entity**. The following window will pop up.
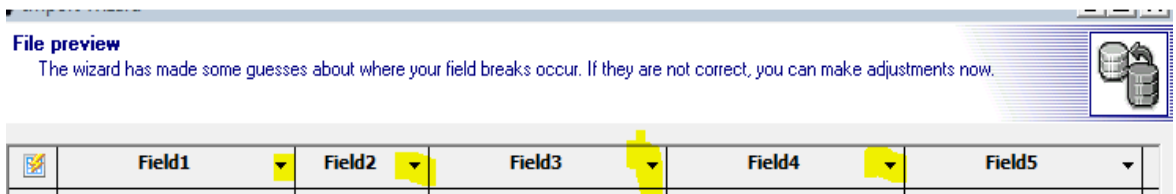
3. Now assign Field1 to **FullName**, Field2to **Filter 1** and Field3to **Filter 2** by clicking on the drop down (Highlighted in Yellow in the above image). FullName is mandatory.
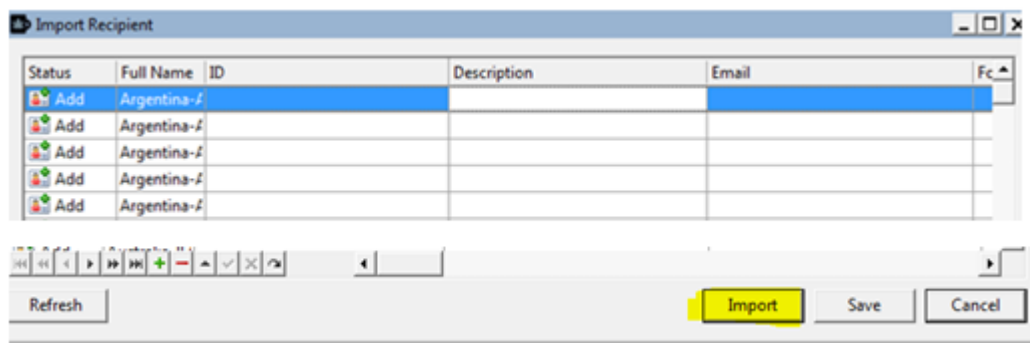
After assinging the columns click on **Next**and then **Execute.**

4. The Import Recipient is created . Click on **Import**.

The filters will be added to the Filter list.

However **From QlikView Entity** option is avilable only from version 15.4.0.0. If we are using older version then we can use the other approch. (Exporting Filter details as Excel Report)
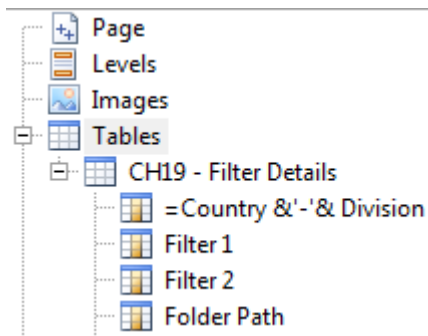
Exporting Filter details as Excel Report

Following are the steps involved

1. Click on **Report** and select **Excel reports**to create the template for Filter Details excel file.
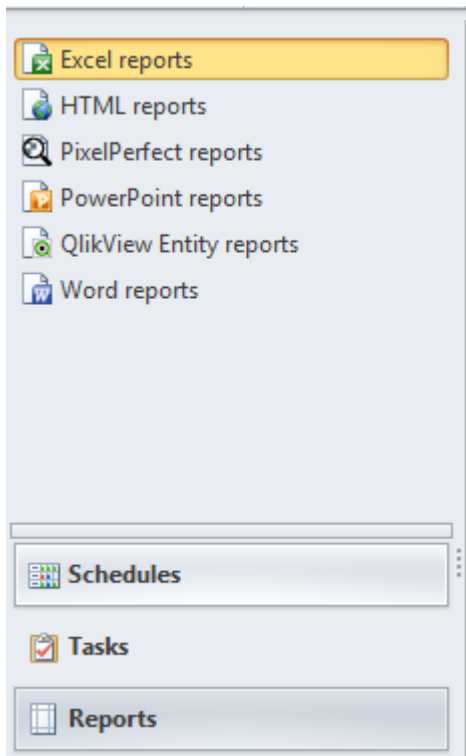
2. Export the Filter Details table of QlikView using **Tables** Option

3. Assign the columns of Filter Details to the excel columns

We can add a column in the striaght table of QlikView to mention the path where the NPrinting reports should be saved.

FolderName Expression:

'C:\FolderPath\NPrinting\Output Reports'&Country &   '-'& Division

4. Following two tasks must be created to load the Filter Details to NPrinting.
    a. **Report Tasks** – To save the Filter Details in Excel Format in the needed path.
    b. **Import Recipient Tasks** – To load the Filter Details Excel file from the where it was stored by the Report Tasks (Previous Step - Step a).
        The steps involved in creating the Import Recipient Tasks is explained below.
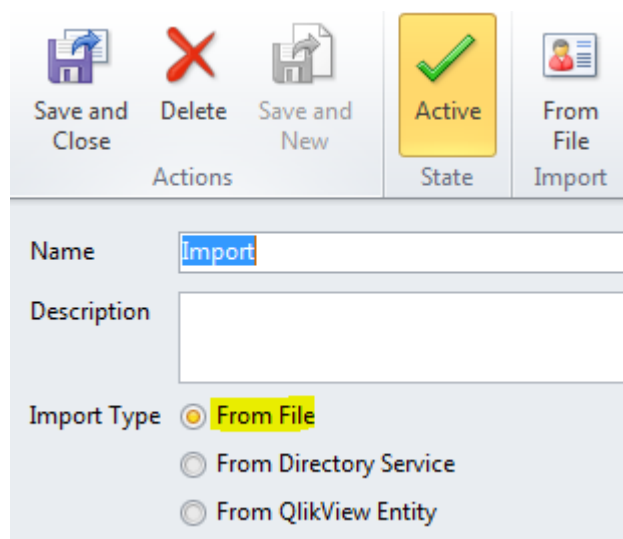
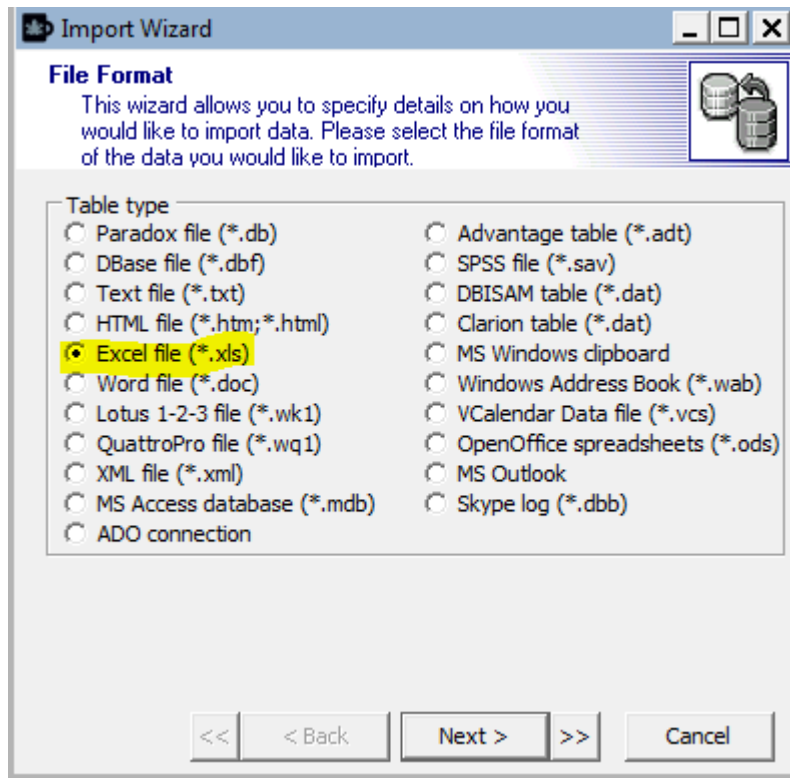**Import Recipient Tasks**

I.   Select Import Recipient Tasks.
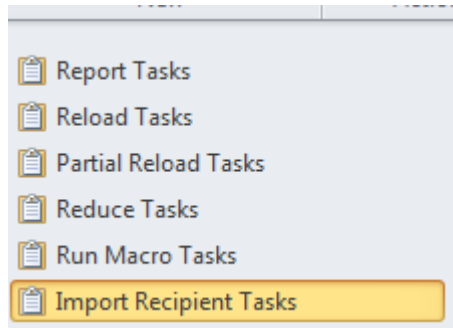
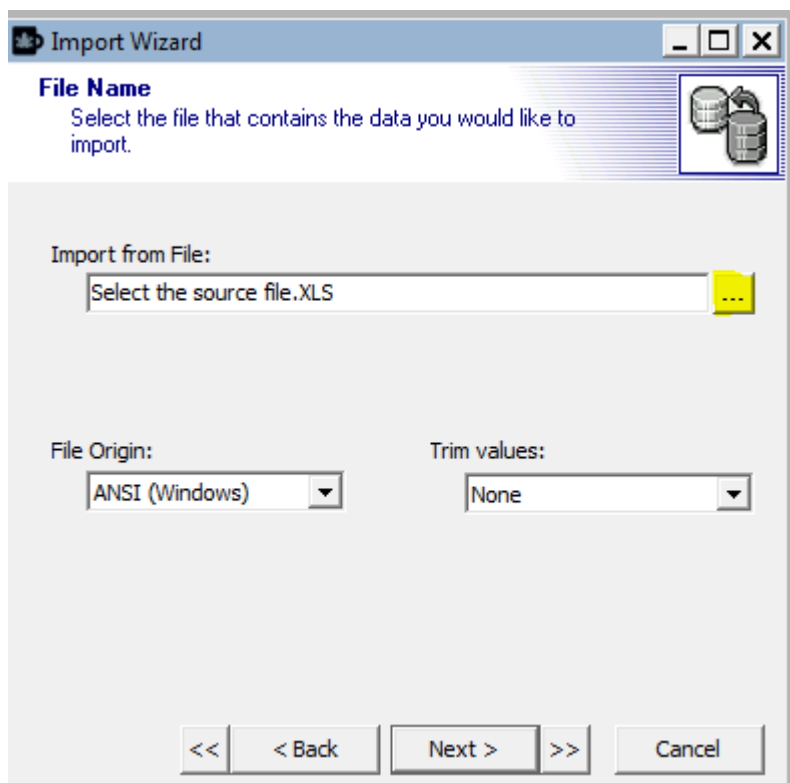II.   Select **Recipient Imports** and click on **New**.
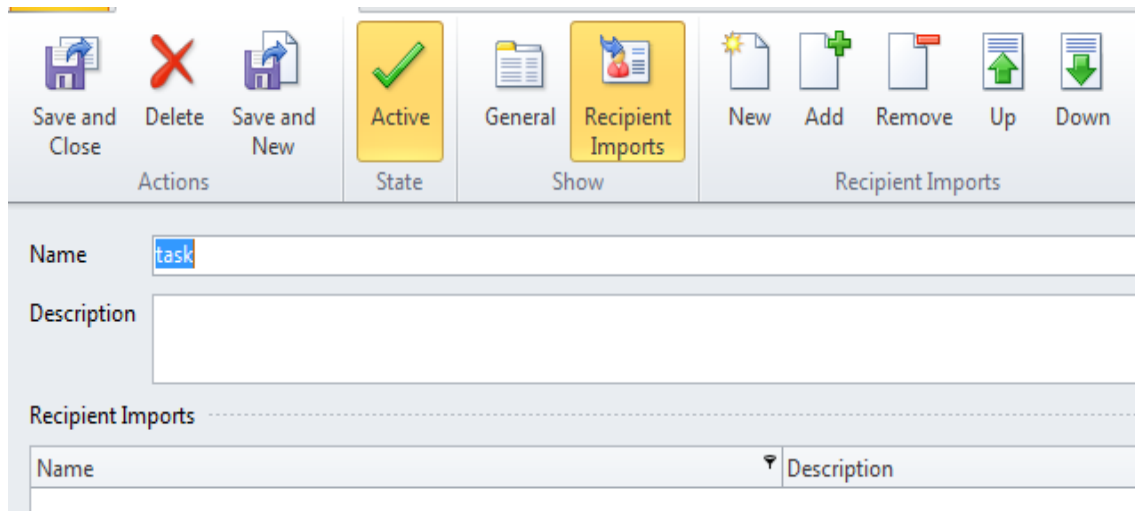
III. Select **From File** (Highlighted in the below image) option .

IV. File Format window will pop up.
Select the File Type Excel and Click on **Next.**

V. Mention the path where the Filter Details Excel file is stored. (Filter Details Excel file is created and stored by the Reports Task)
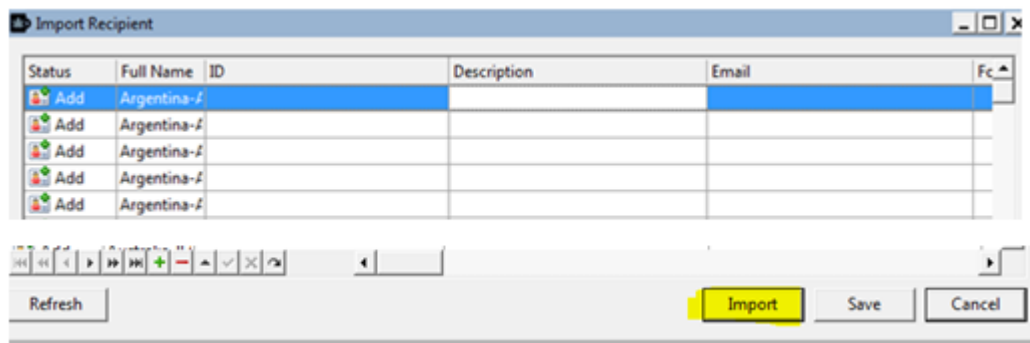
VI. Mention the Data format values like First row, Last row and click on Next.

VII. Now assign the Filter Detials table columns to FullName, Filter 1, Filter 2, FolderName as shown in **QlikView Entity** steps (Step 5).
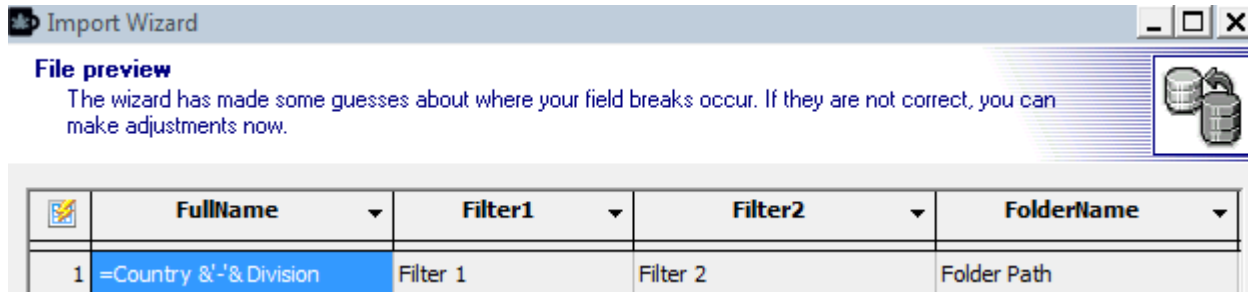
I. After assinging the columns click on **Next**and then **Execute.**

II. The Import Recipient is created . Click on **Import**.

The filters will be added to the Filter list.

By following these two methods we can reduce the time taken to create the filter list.

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