

# How to Run NPrinting XML Request Reporting Only upon Successful Reloading of QlikView Documents

You can download this tutorial by clicking here: "[How to Run NPrinting XML Request Reporting Only upon Successful Reloading of QlikView Documents](#)".

Learn how to run an NPrinting XML Request Reporting only upon successful reloading of a QlikView document in this tutorial. This is accomplished by running a QlikView macro that renames a request file only after error-free reloading.

## Prerequisites:

- Do the [How to Execute NPrinting Reports by External XML Request](#) tutorial before continuing
- Download the [NPrinting Training Environment](#) and expand it into C:\NPrintingTraining\. We'll be using the request file C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original, whose creation is explained in the aforementioned tutorial
- Enable **External Request** on NPrinting Service, see **Install NPrinting Release 14 and Later**
- Make sure that NPrinting Service is running

Now:

1. Start up QlikView
2. Select SalesDemo to open. If the QlikView application is not in the "Recently Opened Document" list click on File -> Open move to C:\NPrintingTraining\QlikViewDocuments and select SalesDemo.qvw

## Add Functions to Macro Script

```

100 set objFSO = CreateObject("Scripting.FileSystemObject")
101 objFSO.CopyFile "C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original", "C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original"
102 'Set MyFile = objFSO.GetFile("C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original")
103 'MyFile.Copy ("C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original", "C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original")
104
105 end sub
106
107 Function AddZero(num)
108     if len(num) = 1 Then
109         AddZero = "0" & num
110     else
111         AddZero = num
112     end if
113 End Function
114
115 Function fRenameRequestFile(num)
116     set objFSO = CreateObject("Scripting.FileSystemObject")
117     objFSO.CopyFile "C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original", "C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original"
118 End Function
119
120 sub ExportDefaultRecipientAddress
121     set obj = ActiveDocument.GetSheetObject("NP")
122     obj.ServerSideExportEx "C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.original"
123 end sub
  
```

1. Open the macro editor (Ctrl+m or Tools -> Edit Modules)
2. Add the functions:

```

Function AddZero(num)
    if len(num) = 1 Then
        AddZero = "0" & num
    end if
End Function
  
```

```

else
    AddZero = num
end if
End Function

```

```

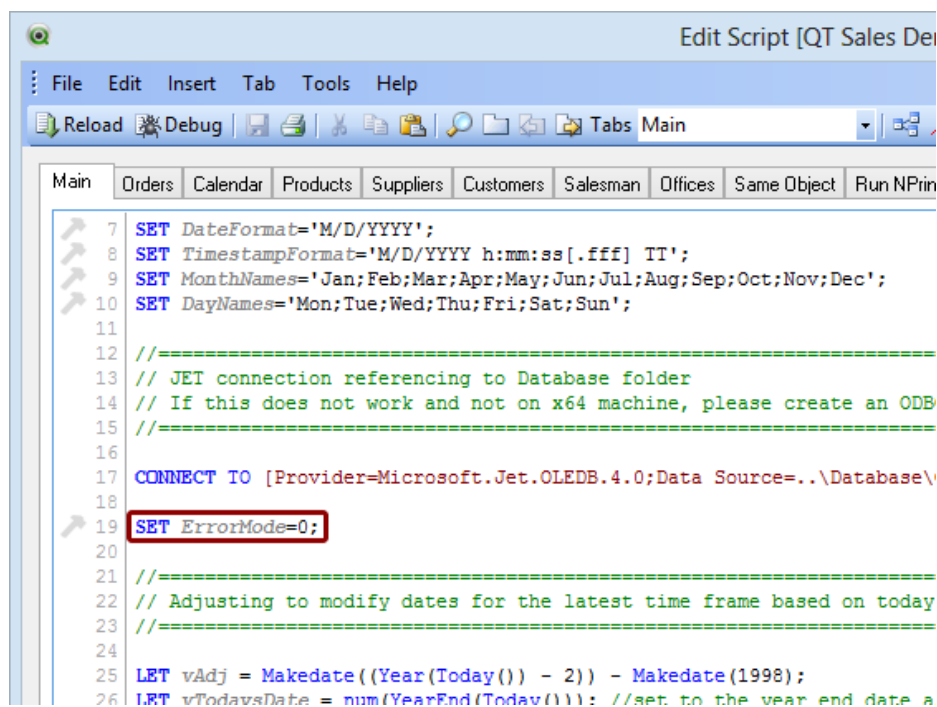
Function fRenameRequestFile(num)
    set objFSO = CreateObject("Scripting.FileSystemObject")
    objFSO.CopyFile "C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests.
original", "C:\NPrintingTraining\ExternalRequestsXML\AccessPointExternalRequests_" & year(date)
& AddZero(month(date)) & AddZero(day(date)) & "_" & AddZero(hour(time)) &
AddZero(minute(time)) & AddZero(second(time)) & ".request", True
End Function

```

We are adding functions because subroutines cannot be called from the loading script. Only functions can. The latter function changes the request file extension to **.request** so NPrinting Service will process it.

3. Set the **Current Local Security** to **Allow System Access** so QlikView can change file names
4. Click on **OK**

## Set ErrorMode to Zero



```

Edit Script [QT Sales De
File Edit Insert Tab Tools Help
Reload Debug
Main
Main Orders Calendar Products Suppliers Customers Salesman Offices Same Object Run NPrin
7 SET DateFormat='M/D/YYYY';
8 SET TimestampFormat='M/D/YYYY h:mm:ss[.fff] TT';
9 SET MonthNames='Jan;Feb;Mar;Apr;May;Jun;Jul;Aug;Sep;Oct;Nov;Dec';
10 SET DayNames='Mon;Tue;Wed;Thu;Fri;Sat;Sun';
11
12 //=====
13 // JET connection referencing to Database folder
14 // If this does not work and not on x64 machine, please create an ODB
15 //=====
16
17 CONNECT TO [Provider=Microsoft.Jet.OLEDB.4.0;Data Source=..\Database\
18
19 SET ErrorMode=0;
20
21 //=====
22 // Adjusting to modify dates for the latest time frame based on today
23 //=====
24
25 LET vAdj = Makedate((Year(Today()) - 2)) - Makedate(1998);
26 LET vTodaysDate = num(YearEnd(Today())): //set to the year end date a

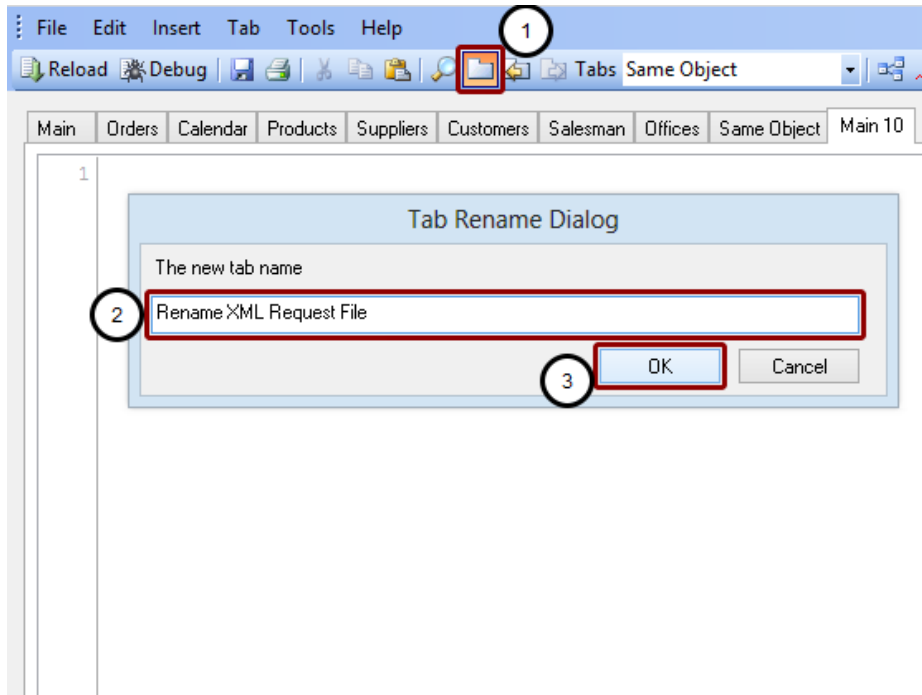
```

1. Open the QlikView script editor (Ctrl+E or File -> Edit Script)
2. Add

```
SET ErrorMode=0;
```

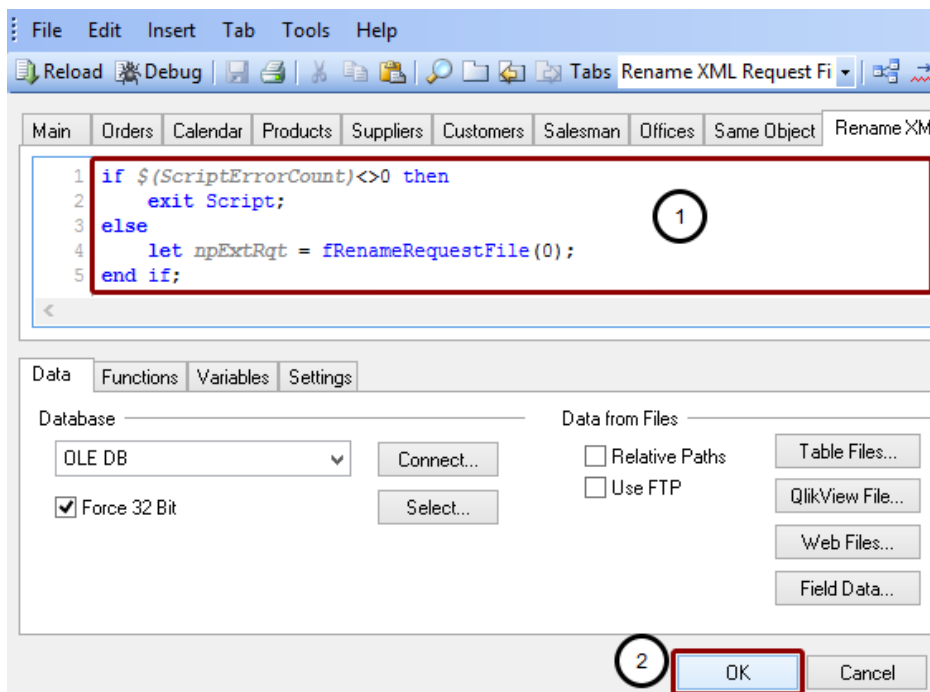
to the beginning of the script if you need to run this script on a server. It will disable interactive error messages

## Add New Tab to Script



1. Add a new tab to the end of the script by clicking on the **Add new tab** icon (Tab -> Add Tab)
2. Enter a label for the tab
3. Click on the **OK** button

## Add "if else" Statement to Script



1. Insert the following piece of script

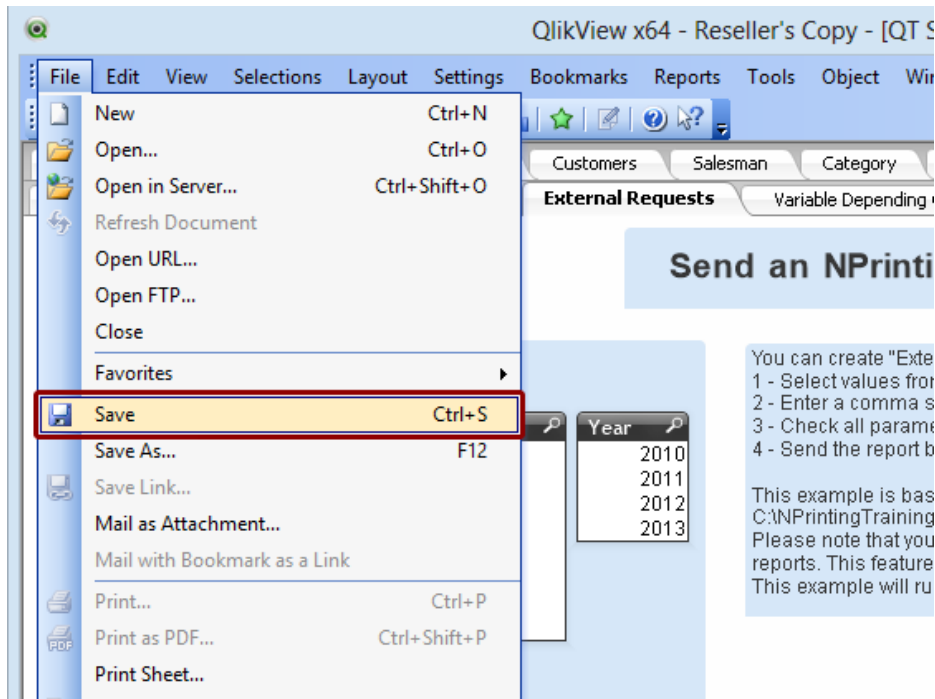
```
if $(ScriptErrorCount)<>0 then
    exit Script;
else
```

```
let npExtRqt = fRenameRequestFile(0);  
end if;
```

This checks the value of the system variable **ScriptErrorCount** that contains the number of errors that have occurred during script execution. If non-zero, the script will end. If there are no errors, QlikView calls the function that changes the XML request file extension and the XML request will be executed by NPrinting.

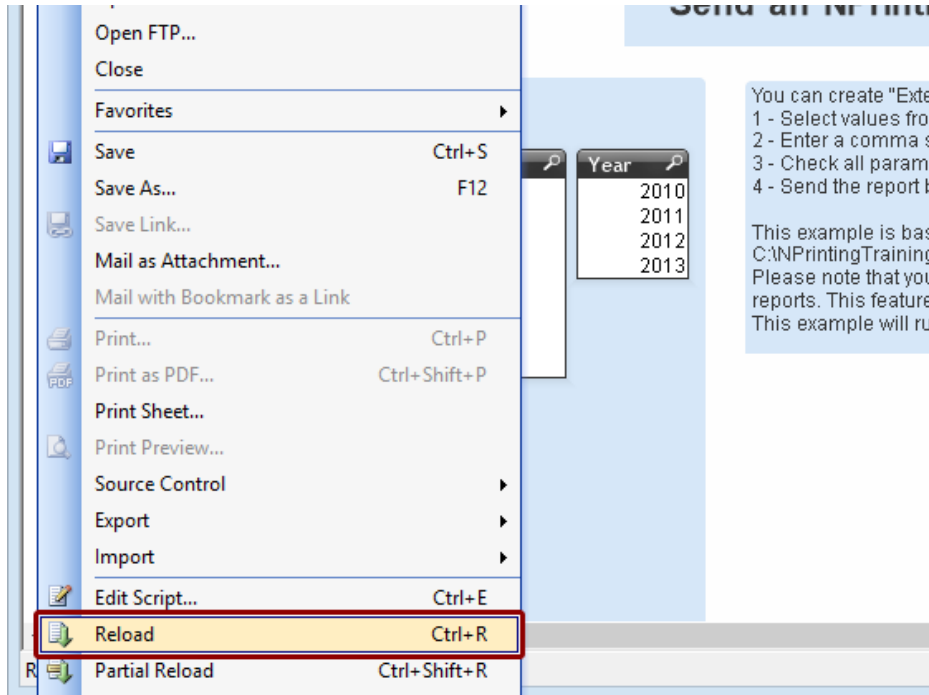
2. Click on the **OK** button

## Save Work



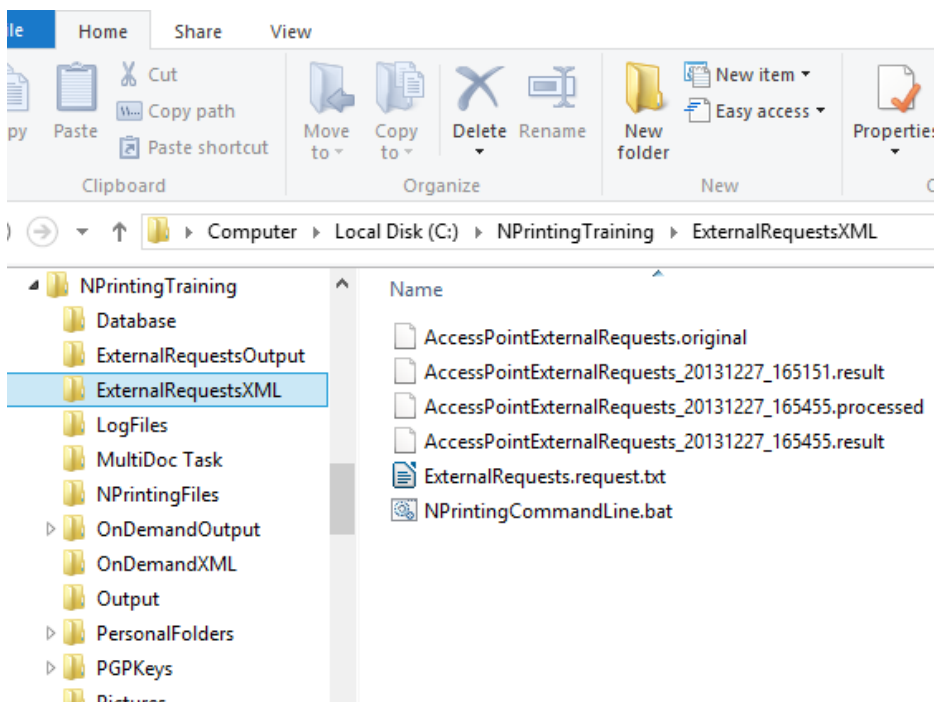
Save changes to your QlikView document either from the **File** menu or with **Ctrl+S**.

## Reload QlikView Document



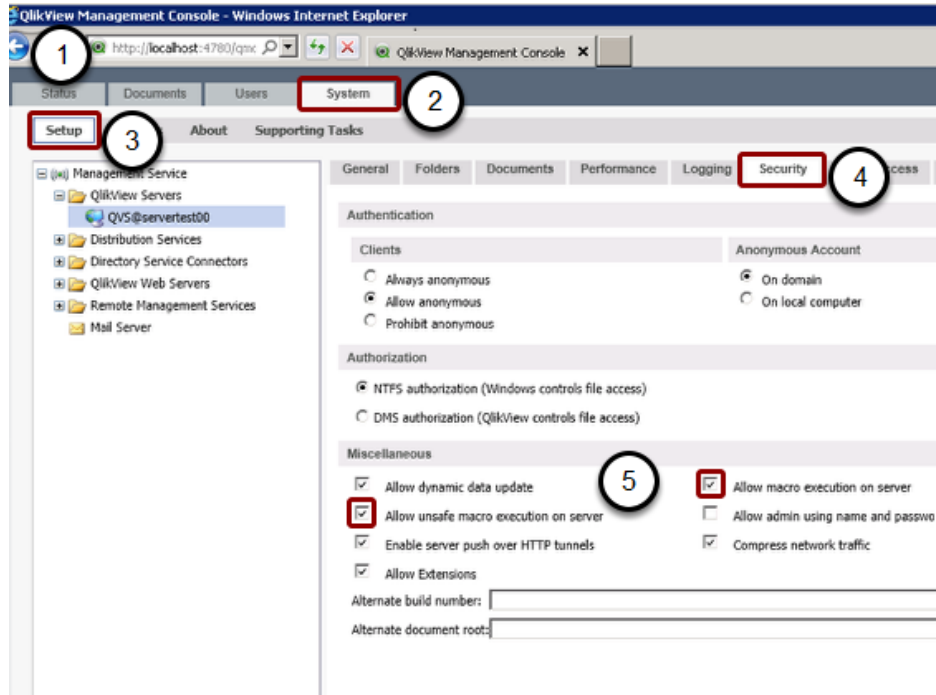
Reload your QlikView document from the **File** menu or with **Ctrl+R**.

## Check C:\NPrintingTraining\ExternalRequestsXML



You'll find the **AccessPointExternal\_Date\_Time.request** file in **C:\NPrintingTraining\ExternalRequestsXML\** and after few minutes the **.result** and **.processed** files.

## Enable Macro Execution on QlikView Server



Remember to enable QlikView document macro execution on a QlikView server as follows:

1. Open the QlikView server management console
2. Go to **System**
3. Select **Setup**
4. Select the **Security** tab
5. Check the options
  - **Allow macro execution on server**
  - **Allow unsafe macro execution on server**