

## QlikView and Visual Studio

To reproduce this example you will require a QlikView Server license and a license for QlikView Workbench. If you are using QlikView within a company it may be possible to obtain a temporary license for QlikView workbench to assess these features.

In this section we are going to cover ways in which you can integrate QlikView documents into a .NET website using Microsoft Visual Studio and QlikView Workbench.

The first example will show how you can build applications to query the management service and the second example will show how you can plug QlikView sheet objects such as tables and charts into a website.

### QMS API

#### Workbench

QlikView server normally requires an extra license to work with QlikView Workbench.

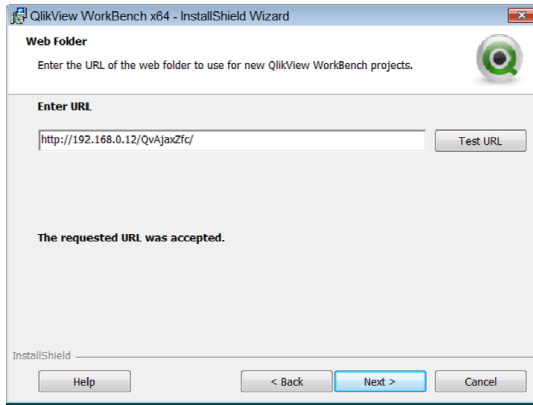
QlikView Workbench is included in the QlikView server extranet license.

To check if you are already licensed to use QlikView Workbench look for the following line in your QlikView server license:

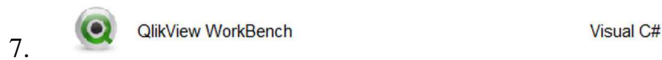
```
WORKBENCH;YES;;
```

If you are licensed to use QlikView Workbench. You can carry out the following steps to start using it:

1. Make sure you have a copy of visual studio installed on your local machine. In this example I am using visual studio express.
2. Download the QlikView Workbench software from [QlikView.com](http://QlikView.com).
3. Install Workbench software. It is a simple install the only screen you need to make sure you get right is the one shown in the screenshot below, that asks for the URL for QlikView Workbench projects.
4. If everything is working you will see the message 'the requested URL was accepted' when you click on the test URL button.



5. Once the installation has completed start visual studio and from the file menu select the new website option.
6. You will see that you now have the option of creating a QlikView Workbench website.



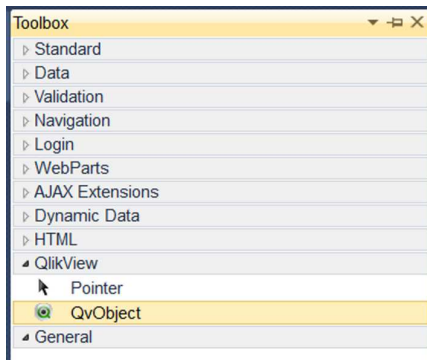
8. Enter the path for the location of the website and click the OK button to create it.
9. Open the toolbox and right click and select the option 'Add tab'. Give the new tab a name of 'QlikView'. Right click on the tab and select Choose Items. Click the browse button and navigate to the following folder:

C:\Program Files\QlikView\WorkBench\Controls\QlikView

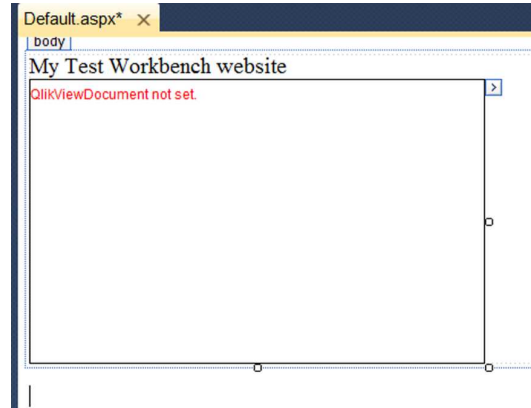
10. Select the following file and click the OK button:

QlikViewWorkBench.dll

11. Options will be added to the QlikView tab as shown below:



- Drag-and-drop the QvObject item to your new webpage.

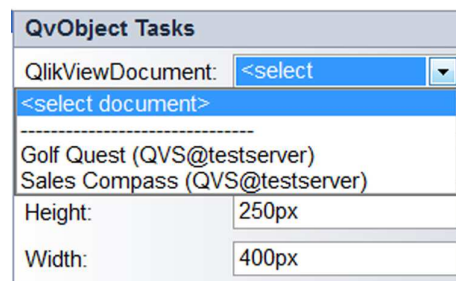


- The following code will be added to the webpage:

```
<qvw:QvObject ID="QvObject1" runat="server" ObjectID="CH368"
```

```
ObjectType="Straight Table" QlikViewDocument="Sales Compass (QVS@testserver)"
```

- Click the arrow on the top right corner of the QvObject item to display a menu .



- Select a document and object to display in your website and press Ctrl+F5 to run the website, and the qlikview object will displayed as shown in the example below:

My Test Workbench website

**Data Management**

Account Name	Account City	Customer	Witho Conta
<b>Total: 81</b>			
Output Respect Inc.	Whiteley	●	
Cowcatcher Performance Inc.		●	
Handmaid Protect Private	Manchester	●	
Maybe Conspire Infobasis	London	●	
Porthole Continous Corporation	Bicester	●	
Warpath Leading	Hemel Hempste	●	
Helicat Assignment Billing	Hartley	●	
Lovelorn Technical Investment	Windsor	●	
Nobleman Improve Iconoculture	Marlow	●	
Sawdust Value Saber Tech	London	●	
Hindquarter Normal	Uttoxeter	●	
Overfastidious Formal Fusion Manager	Haverhill	●	