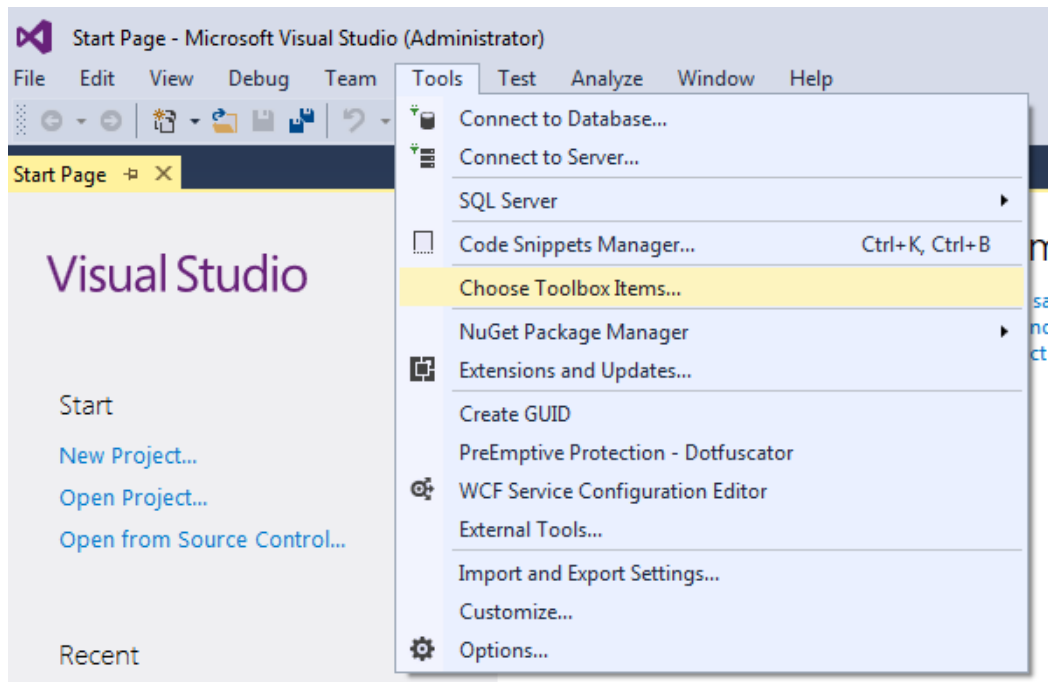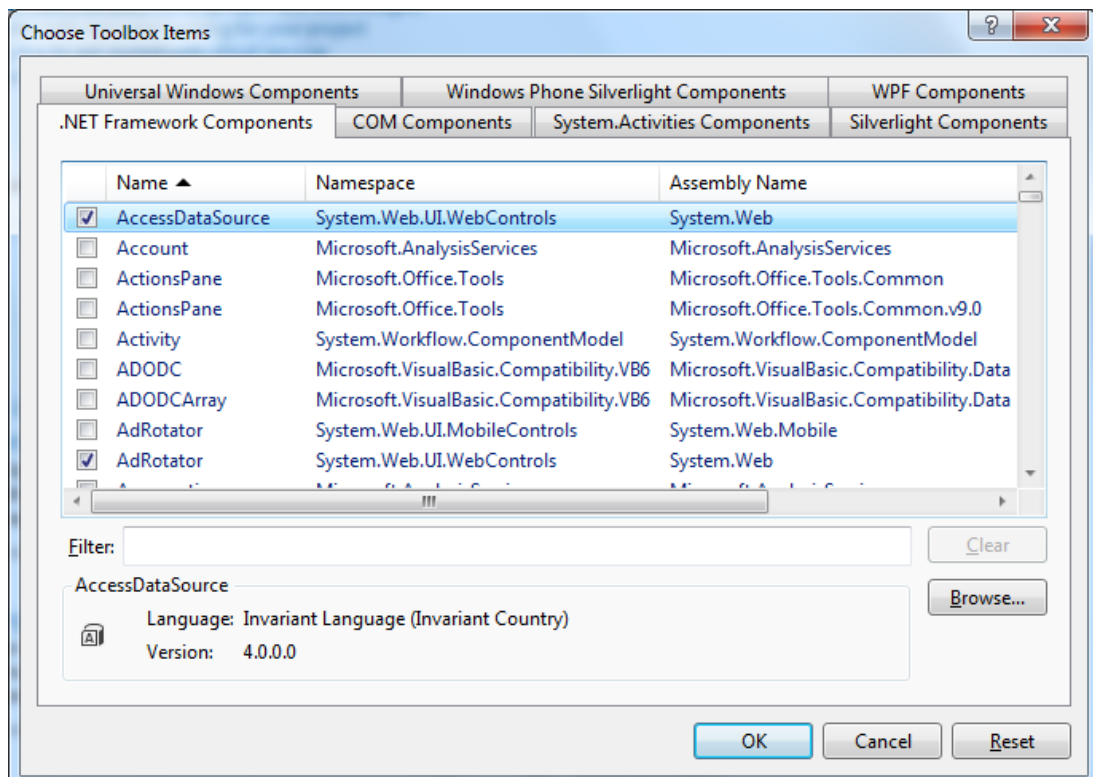# Installing EK RTF library in the Visual Studio development environment

To install the components in the IDE:
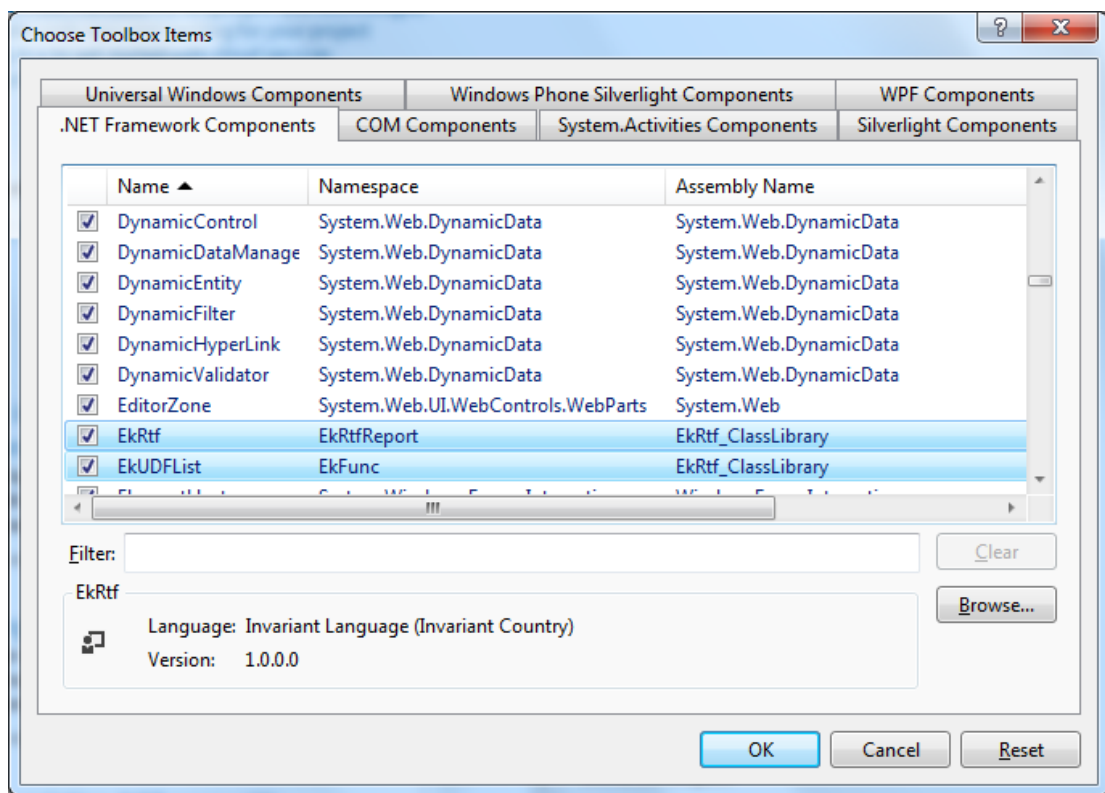
1) Unpack the archive containing library.
2) Save file EkRtf_ClassLibrary.dll in the local folder, for example, c:\DLL.
3) Open the Visual Studio IDE.
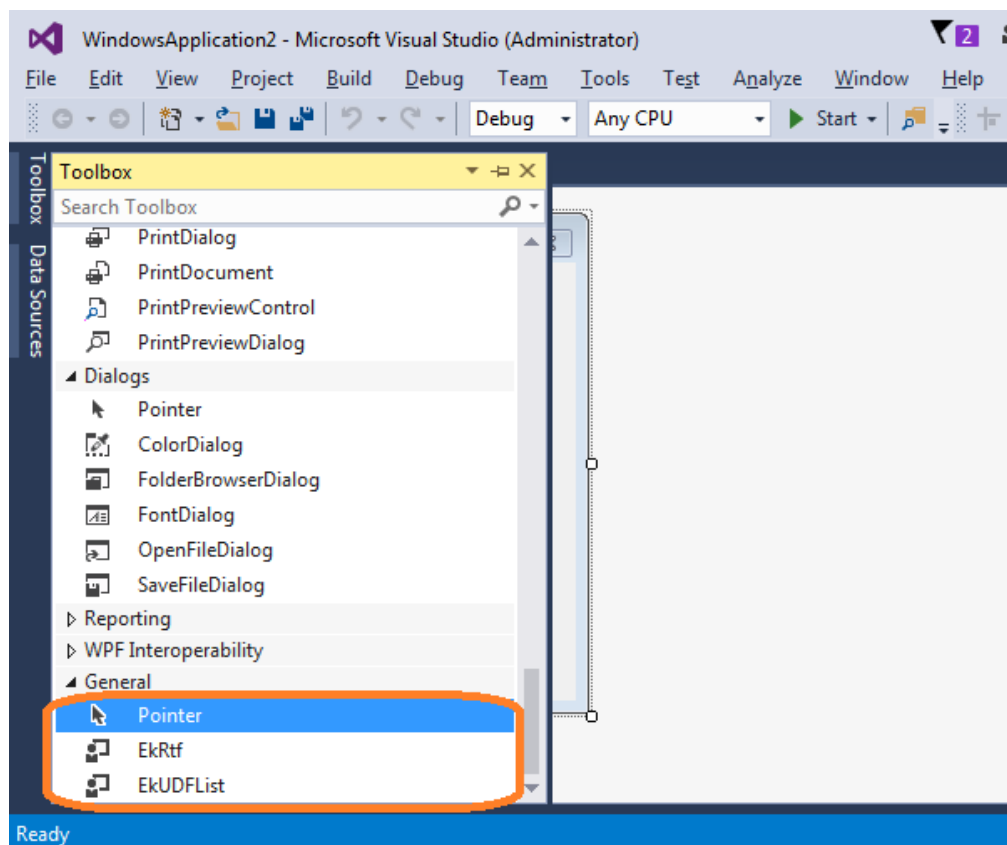4) Select menu item ToolBox/Choose ToolBox Items:

Window with a list of connected libraries will appear. The compilation of the list may take some time.
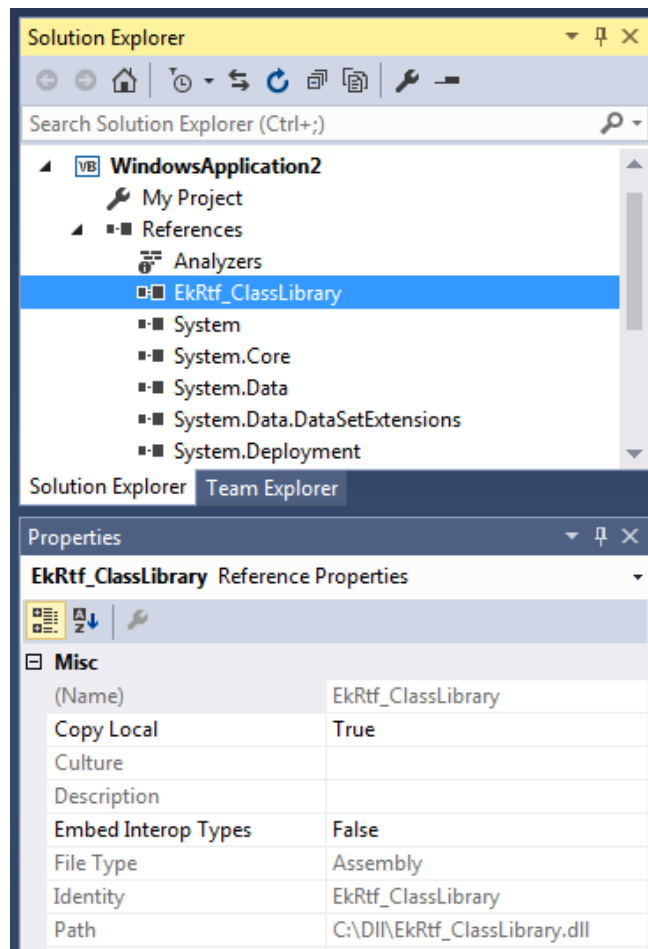

5) In the window click the Browse button to open the previously saved EkRtf_ClassLibrary.dll file. After selecting the file, EkRtf and EkUDFList components will be added to the list:

6) To connect EkRtf library to the project, open the Toolbox window, find the components at the bottom of the list in General section:

7) Select EkRtf and place it to the Form. The component will appear in component container for the Form. If necessary, add the same way EkUDFList component.

8) In the solution explorer you will see the reference to the library:

9) You may create the required number of EkRtf objects, and set their properties, using a call directly from the program code. To do this, in the solution explorer manually add a link to the library in the References section, as shown in the previous paragraph. There is an example of creating EkRtf object from the code:

```
using System;
using System.ComponentModel;
using System.Collections.Generic;
…

namespace WpfApplication1
{
    public partial class Window1 : Window
    {
        public Window1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, RoutedEventArgs e)
        {

            System.ComponentModel.Container components = new System.ComponentModel.Container();
            EkRtfReport.EkRtf ekRtf1 = new EkRtfReport.EkRtf(components);

            ekRtf1.ClearVars();        //Clear report variables (if any exists)
            ekRtf1.ReportData.Clear(); //Clear report datasources

            //ekRtf1.ReportData.Add(rdr,"Q"); //Attach data reader with alias Q

            ekRtf1.InFile = "C:\\Dll\\Empty.rtf";
            ekRtf1.OutFile = "outfile.doc";
            ekRtf1.UnicodeByDefault = true;

        }
    }
}
```

10) See also report and code examples on EK RTF Demo Center

http://www.128byte.ru/index.php?id=6

11) If you use previous version of the library - EkRTF_VS.dll, and want to migrate to the new component, change the reference EkRTF_VS.dll to EkRTF_ClassLibrary.dll in your project, and change in your code namespace EkRtfFunc to EkFunc.