

TODO - Oracle Forms 12c start embedded in a standalone WPF Web Browser Application

Oracle Forms based actually on the Java applet technology that means it's starting intern from the *applet* inheritance. The applet technology as Java Rich Internet Application is enabling the running in a Web Browser Plugin **and** on the Desktop (Java with Web Start).

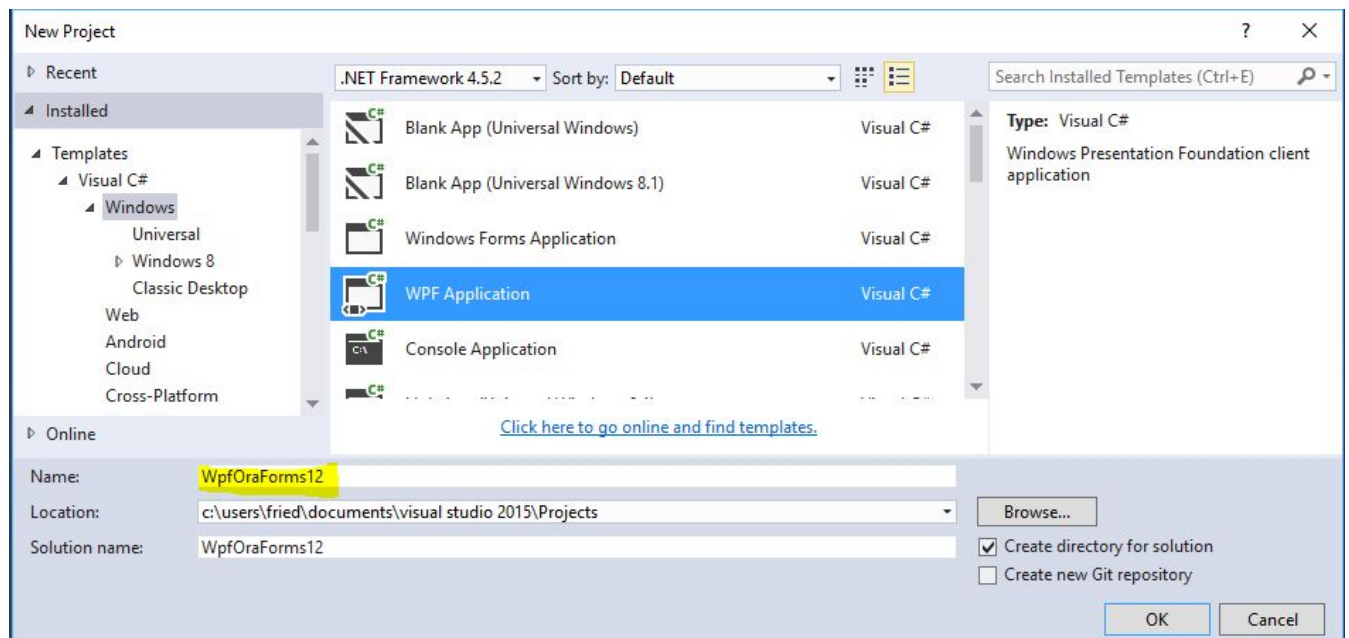
Some Oracle Forms applications must run interacting with JavaScript code, so I have used the following Web Browser application and checked this on Windows 7 and Windows 10.

You need following components:

- Windows 10
- Microsoft Visual Studio 2015 Community Edition (free)
- Oracle Forms 12c 12.2.x .

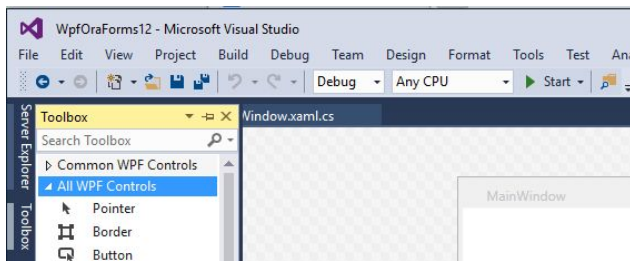
1.) Start MS Visual Studio 2015 Community Edition

- <New Project>
- <WPF Application>
- Name <Application>



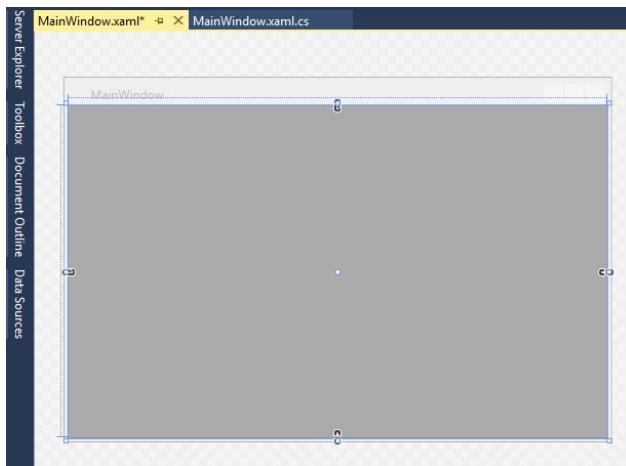
2.) On the left side <Toolbar> and <All WPFControls>

- Select the control <WebBrowser>



3.) Drag & Drop the <WebBrowser> control to the XAML <MainWindow> layout

- Sizing the control to the full canvas size



4.) Editing the <Title>, <Height> & <Width> Attributes and <WebBrowser ..> XAML code line for checking the Java plugin:

```
<WebBrowser x:Name="MainOraForms12c"  
HorizontalAlignment="Left"  
VerticalAlignment="Top"  
Height="900"  
Width="1200"  
Margin="0,0,-12,0"  
Source="https://www.java.com/en/download/installed.jsp"/>
```

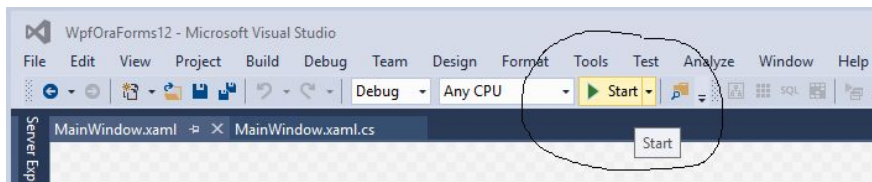
```
<Window x:Class="WpfOraForms12.MainWindow"  
xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"  
xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"  
xmlns:d="http://schemas.microsoft.com/expression/blend/2008"  
xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"  
xmlns:local="clr-namespace:WpfOraForms12"  
mc:Ignorable="d"  
Title="OraForms12c" Height="650" Width="1025">  
<Grid>  
  <WebBrowser x:Name="MainOraForms12c" HorizontalAlignment="Left" VerticalAlignment="Top" Height="900" Width="1200"  
</Grid>  
</Window>
```



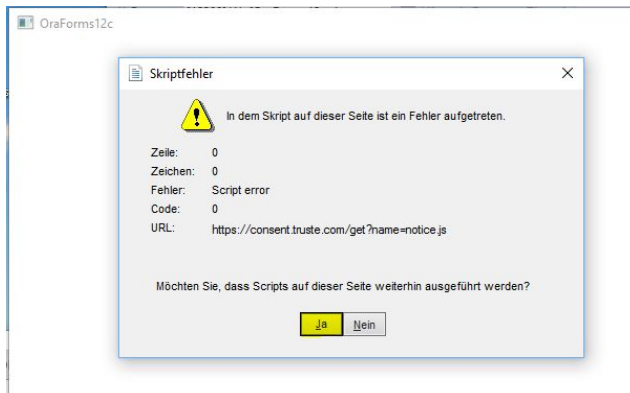
```
<Grid>  
  <WebBrowser x:Name="MainOraForms12c" HorizontalAlignment="Left" VerticalAlignment="Top" Height="900" Width="1200" Margin="0,0,-12,0" Source="https://www.java.com/en/download/installed.jsp"/>  
</Grid>
```

5.) Start the application

- <Debug> <Start Without Debugging>
- or about the <Start> button:



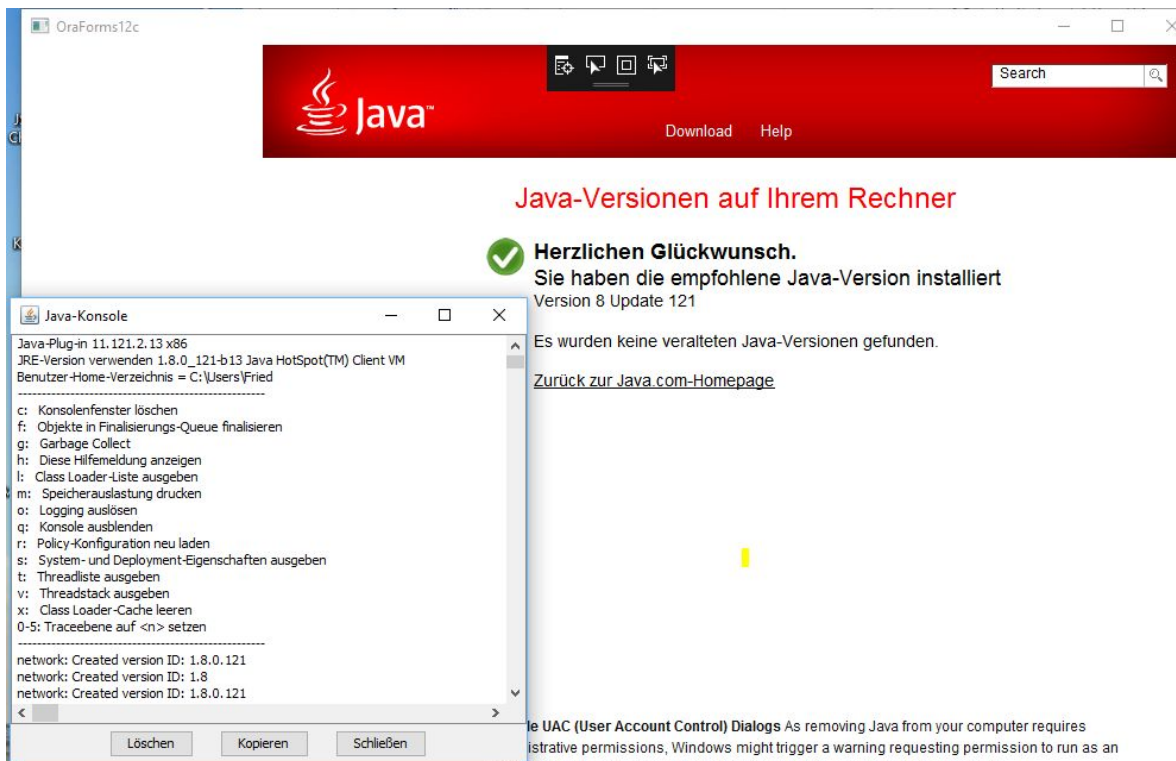
6.) Ignore the script error and press <Yes>





7.) Press <Agree and Continue>

- Ignore the script error and press <Yes>



⇒ **Congratulation :**

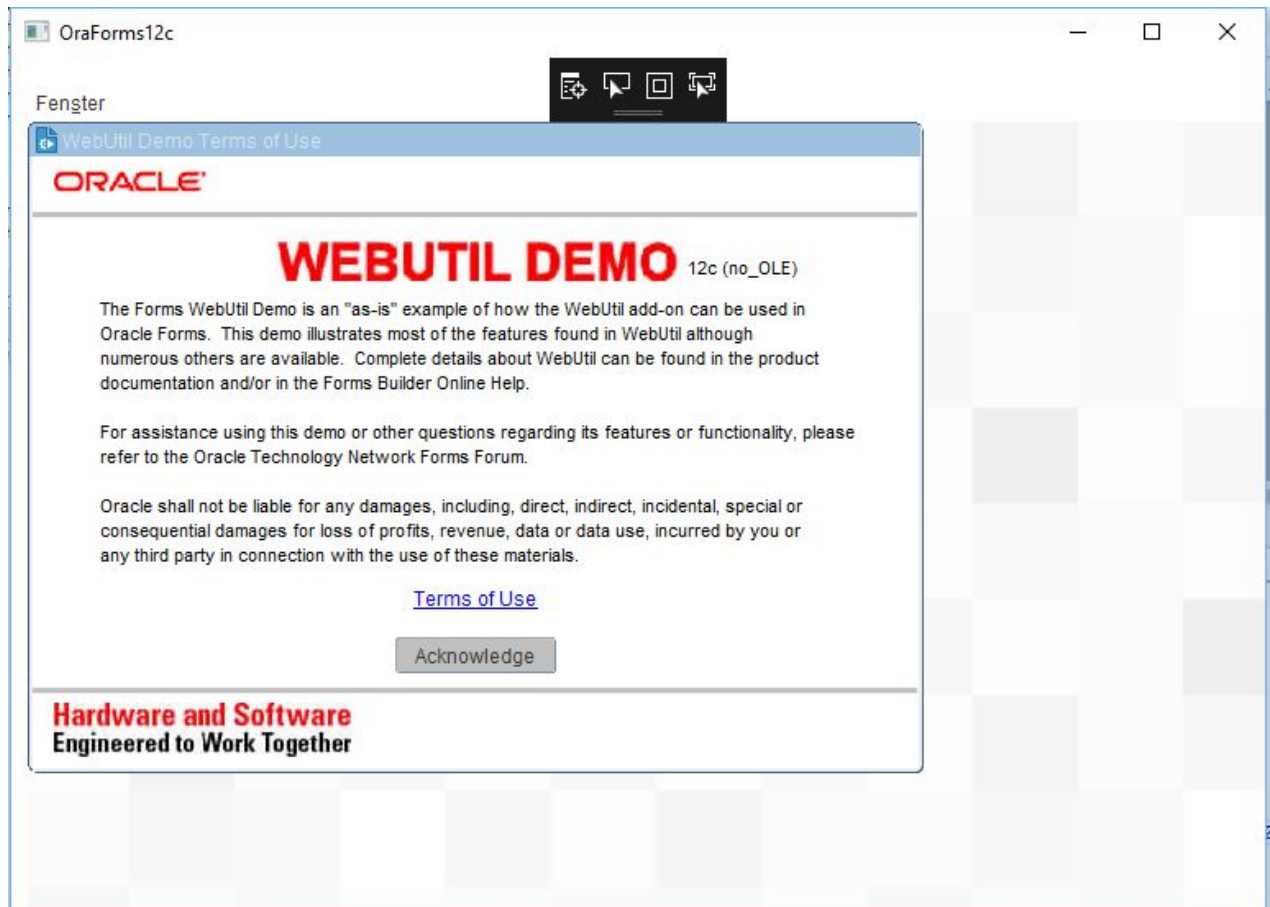
You have running your first standalone Web Browser application incl. Java applet plugin !

8.) Change the *source* attribute in the `<WebBrowser..>` tag with your Oracle Forms 12c URI

E.g.: ...

```
Source="http://myserver.com/forms/frmservlet?config=mydemo&SeparateFrame=No"/>
```

9.) Run your Oracle Forms 12c application embedded in this WPF Web Browser



⇒ **SUCCESS !**

10.) Take the application exe from e.g.:

C:\User\\documents\

Visual Studio 2015 > Projects > WpfOraForms12 > WpfOraForms12 > bin > Debug

WpfOraForms12.exe	14.03.2017 10:35	Anwendung	9 KB
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Thanks, I hope this solution helps anyone.