



# Getting Started with Wisej 2

## 1 INSTALLATION

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Since you are reading this the installation worked fine.

## 2 FIRST WISEJ APPLICATION

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In Visual Studio, select File->New->Project.

In the New Project dialog, select Installed\Visual C#\Wisej, or Installed\Visual Basic\Wisej.

Now you should see a number of templates. Start with either the Web Application or the Web Desktop Application template. The only difference is that Web Desktop Application also creates a desktop component.

## 3 HELLO WORLD EXAMPLE

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The installer has added a Wisej project in "[Current User]\Documents\Wisej\Projects\HelloWorld". You can start with this example instead of creating a new project.

## 4 ADDITIONAL EXAMPLES

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You can find many new example applications at <http://wisej.com/examples> and on GitHub at <http://github.com/iceteagroup/wisej-examples>. If you click "Watch" in GitHub you will receive a notification when we add new examples.

## 5 THEME BUILDER

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The theme builder executable should have a shortcut on your desktop. When you start it the first time, it will automatically copy the built-in themes to "[Current User]\Documents\Wisej\Themes". You can use these files as the starting point for new themes.

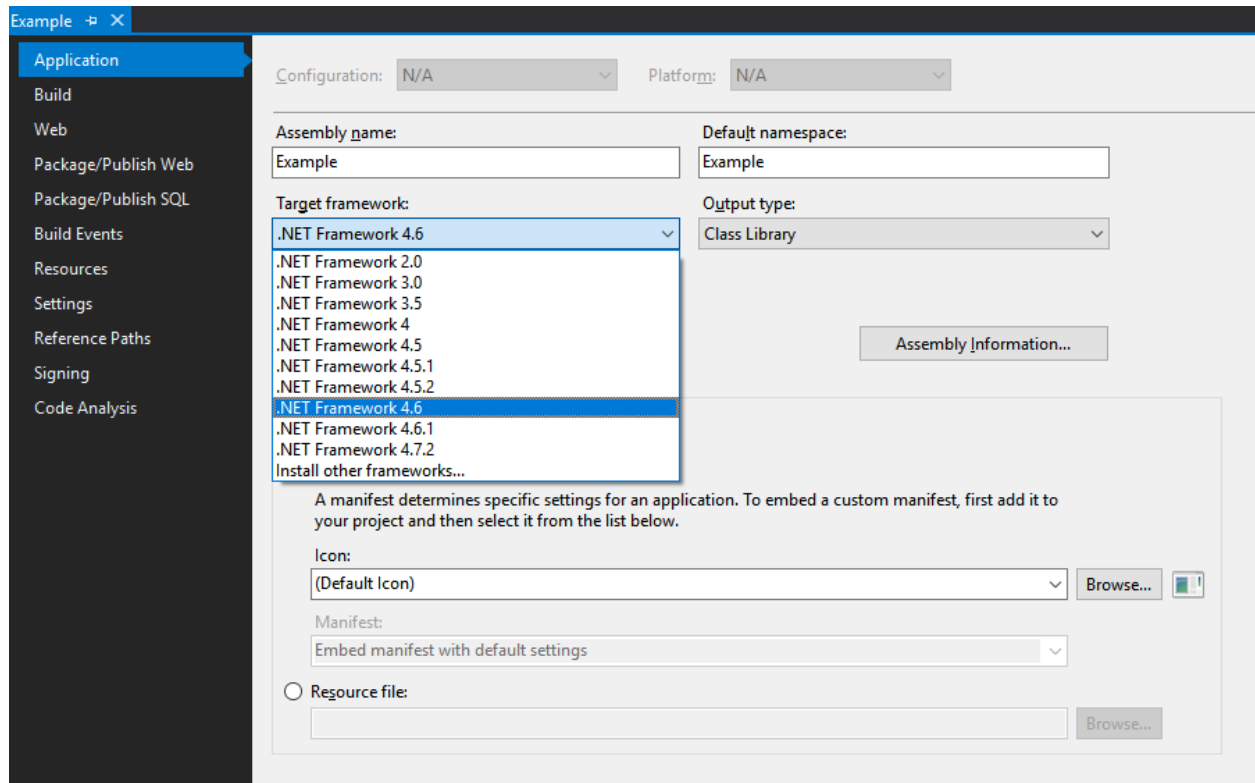
Additional themes are available at <http://wisej.com/themes> and on GitHub at <http://github.com/iceteagroup/wisej-themes>.

## 6 UPGRADE FROM WISEJ 1.5

To upgrade an existing Wisej 1.x application to Wisej 2 follow these easy steps:

### Change the Target Framework to 4.6 or above

Wisej 2 starts at .NET 4.6. You need to change each project's target framework to at least 4.6.



Don't forget to change the target framework setting in web.config:

`<httpRuntime targetFramework="4.5" maxLength="1048576"/>`  
to:

`<httpRuntime targetFramework="4.6" maxLength="1048576"/>`

Please note that if you're using Visual Studio 2013 you need to install the targeting pack for .NET framework 4.6.

### Change Wisej.Core to Wisej Framework in web.config.

Wisej.Core is referenced in two places in web.config.

```
<modules>
  <add name="Wisej" type="Wisej.Core.HttpModule, Wisej.Core"/>
</modules>
<handlers>
  <add name="json" verb="*" path="*.json" type="System.Web.HttpForbiddenHandler" />
  <add name="wisej" verb="*" path="*.wx" type="Wisej.Core.HttpHandler, Wisej.Core"/>
</handlers>
```

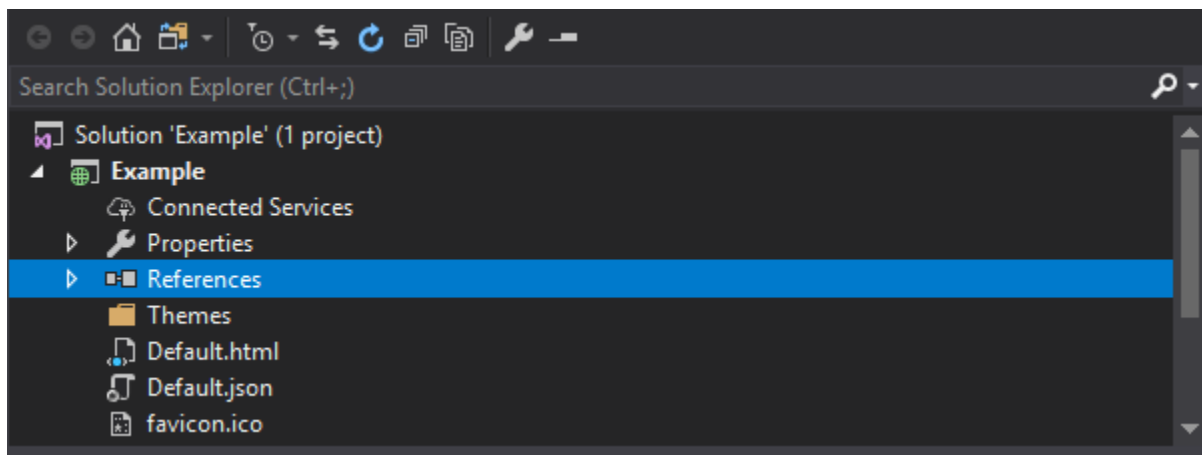
Should become

```
<modules>
  <add name="Wisej" type="Wisej.Core.HttpModule, Wisej.Framework"/>
</modules>
<handlers>
  <add name="json" verb="*" path="*.json" type="System.Web.HttpForbiddenHandler" />
  <add name="wisej" verb="*" path="*.wx" type="Wisej.Core.HttpHandler,
Wisej.Framework"/>
</handlers>
```

### Remove Wisej.Core and Wisej.Web from the project references and add Wisej.Framework only.

Under References, delete Wisej.Core and Wisej.Web in all projects and add only 1 reference to Wisej.Framework.

Please note that the namespaces have not changed (besides the design mentioned later). So all instructions like using wisej.web; and using wisej.core should remain as is.



### Change using Wisej.Core.Design and Wise.Web.Design to Wisej.Design.

If you have used a design time feature from Wisej you may have using statements to Wisej.Core.Design and/or Wisej.Web.Design.

They can be replaced by only one statement:

```
using Wisej.Design;
```

### **Ensure to use the right toolbox controls**

Wisej 2.0 adds a new tab in the toolbox called Wisej 2. Please make sure to use the controls in that tab when you are designing your windows. If you accidentally pick a control from Wisej 1.x and drop it on a container, references to Wisej.web and Wisej.core may be readded.

In that case simply delete those references again.

If the Wisej tab is missing in your toolbox, you can add it manually and choose items from Wisej.Framework.dll.

### **Ensure to use the right project and item templates**

The project templates and item templates that are installed with Wisej 2.0 are listed in Wisej 2 (under Visual Basic or Visual C#). If you accidentally pick a template from Wisej 1.x it can fail and/or add references to Wisej.web and Wisej.core may be readded.

In that case simply delete those references again.

If your Wisej 2 templates are not showing, please check if you have selected .NET framework 4.6.

If they still don't appear, please check the content of

C:\users\<youruser>\documents\visual studio 2012|2013|2015|2017\templates

If you don't see the files under Project Templates or Item Templates, you can download them from the following locations:

<http://wisej.s3.amazonaws.com/downloads/Templates/CSharpTemplates.zip>

<http://wisej.s3.amazonaws.com/downloads/Templates/VBNetTemplates.zip>

If they are present or don't show after you copied them to the target location run an elevated Visual Studio Command Prompt and execute the following command:

```
devenv /installvstemplates
```

### **Ensure to use the 2.0 extensions**

Please check all your references and change them from the 1.x extensions to the 2.0 extensions.

### **Upgrade resources**

Search for all \*.resx and do a global replace of

"Wisej.Web, Version=1.0.0.0" with "Wisej.Framework, Version=2.0.0.0" and

"Wisej.Core, Version=1.0.0.0" with "Wisej.Framework, Version=2.0.0.0"

See also <http://wisej.com/docs/html/UpgradeFromWisej1.htm>.