Project Structure

Please read this link first: http://www.geertvanhorrik.com/2012/04/04/setting-output-directories-of-projects/

Project structure should look like this:
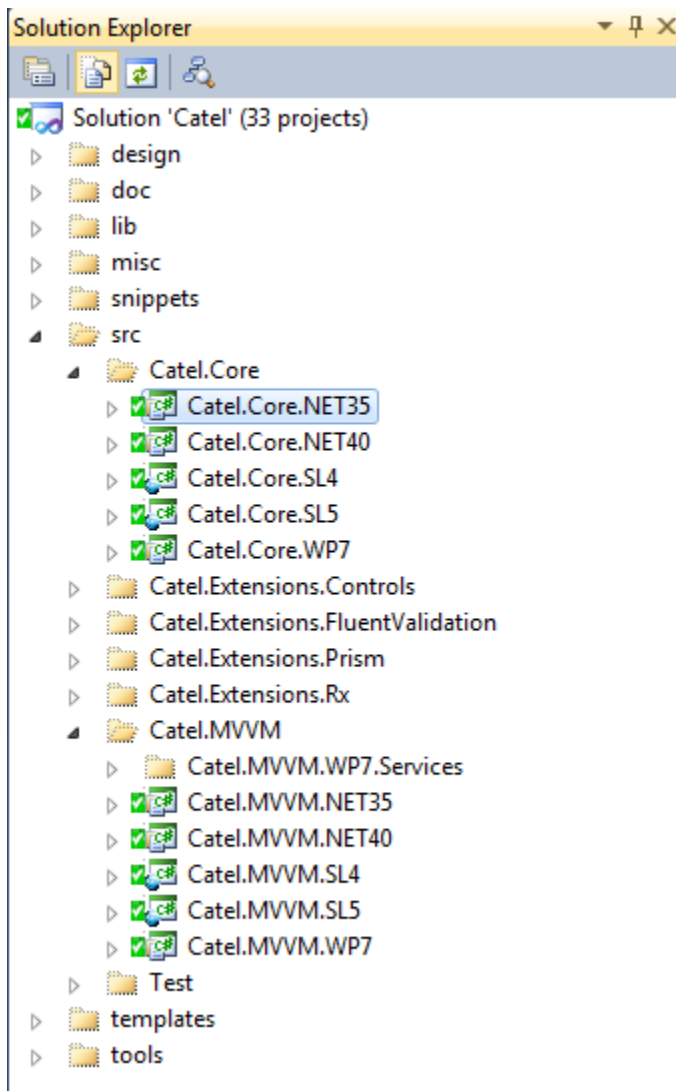
Important points:

- All projects should be included in the "src" folder
- Within a project, interfaces should be in their own folder
- The namespaces always follow the solution folders except for the following folders:
    - Extensions
    - Helpers
    - Interfaces
- All build artifacts should go into the output directory
    - The output folder will have a "Debug" and "Release" folder and then the project folders beneath that.
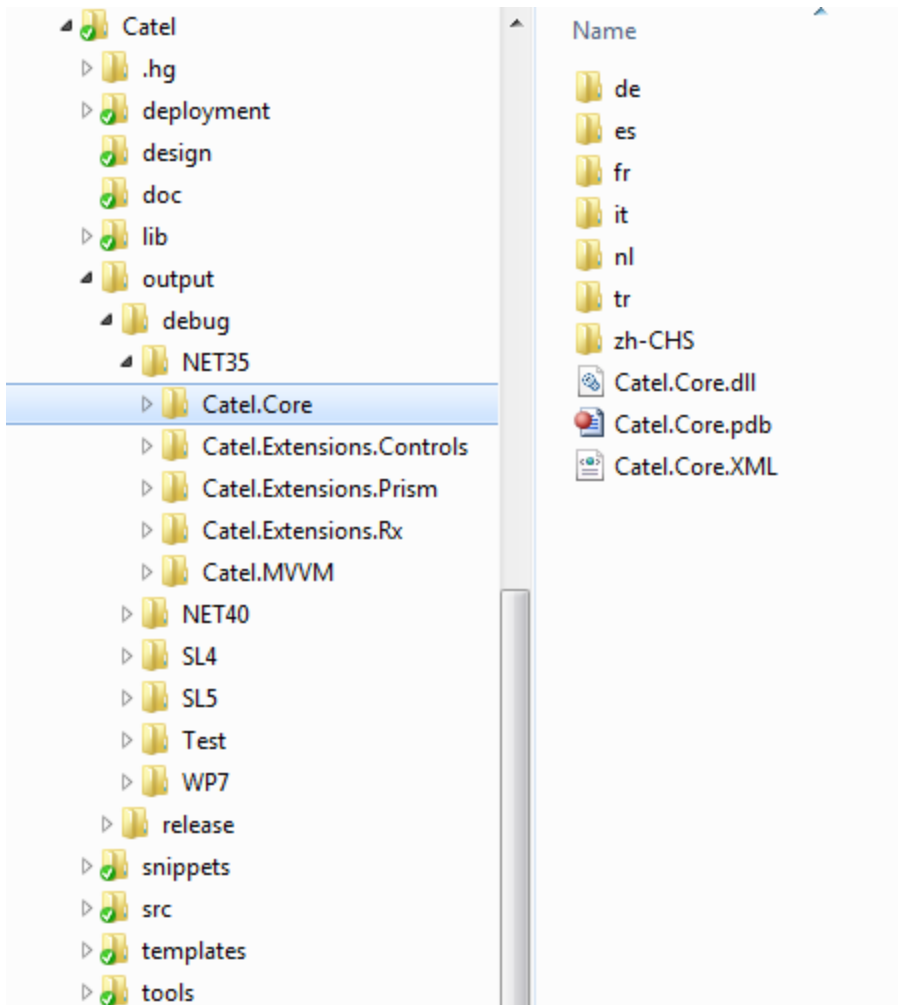
Basic, minimum structure for a new solution:

Minimum Structure

```
+---deployment
+---design
+---doc
+---lib
+---output
|    +---release
|    \---debug
+---src
+---templates
\---tools
     \---pepita
```

Here is a trimmed down example of the Catel project:

Directory Structure

```
+---deployment
```

```
|   +---FinalBuilder
|   +---InnoSetup
|   |   \---template
|   |       \---resources
+---design
+---doc
+---lib
+---output
|   \---debug
|       \---NET40
+---snippets
|   +---C#
|   +---ReSharper
+---src
|   +---Catel.Core
|   |   +---Catel.Core.NET40
|   |   |   +---Attributes
|   |   |   +---Caching
|   |   |   |   +---Interfaces
|   |   |   |   \---Policies
|   |   |   +---ClassDiagrams
|   |   |   +---Collections
|   |   |   |   +---Extensions
|   |   |   |   \---Helpers
|   |   |   +---Configuration
|   |   |   |   \---Extensions
|   |   |   +---Data
|   |   |   |   +---Attributes
|   |   |   |   +---EventArgs
|   |   |   |   +---Exceptions
|   |   |   |   +---Extensions
|   |   |   |   +---Helpers
|   |   |   |   \---Interfaces
|   |   |   +---ExceptionHandling
|   |   |   |   +---Extensions
|   |   |   |   \---Interfaces
|   |   |   +---Exceptions
|   |   |   +---Generics
|   |   |   +---Helpers
|   |   |   +---IoC
|   |   |   |   +---Attributes
|   |   |   |   +---Configuration
|   |   |   |   +---EventArgs
|   |   |   |   +---Exceptions
|   |   |   |   +---Extensions
|   |   |   |   +---Helpers
|   |   |   |   \---Interfaces
|   |   |   +---Linq
|   |   |   +---Logging
|   |   |   |   +---EventArgs
|   |   |   |   +---Extensions
|   |   |   |   \---Interfaces
|   |   |   +---Services
|   |   |   |   \---Interfaces
|   |   |   +---Test
|   |   |   +---Text
|   |   |   |   \---Extensions
|   |   |   +---Threading
|   |   |   |   \---Helpers
```

```
|   |   |   \---WeakReferences
|   |   |           \---Interfaces
|   |   +---Catel.Core.NET45
|   |   +---Catel.Core.SL5
|   |   +---Catel.Core.WIN80
|   +---Catel.MVVM
|   |   +---Catel.MVVM.NET40
|   |   |   +---ClassDiagrams
|   |   |   +---Collections
|   |   |   +---Data
|   |   |   +---Extensions
|   |   |   +---MVVM
|   |   |   |   +---Auditing
|   |   |   |   |   +---Helpers
|   |   |   |   |   \---Interfaces
|   |   |   |   +---Commands
|   |   |   |   |   +---EventArgs
|   |   |   |   |   +---Helpers
|   |   |   |   |   \---Interfaces
|   |   |   |   +---Exceptions
|   |   |   |   +---Helpers
|   |   |   |   +---Locators
|   |   |   |   |   \---Interfaces
|   |   |   |   +---Services
|   |   |   |   |   +---EventArgs
|   |   |   |   |   +---Exceptions
|   |   |   |   |   +---Interfaces
|   |   |   |   |   \---Test
|   |   |   |   +---Tasks
|   |   |   |   |   \---Interfaces
|   |   |   |   +---ViewModels
|   |   |   |   |   +---Attributes
|   |   |   |   |   +---EventArgs
|   |   |   |   |   +---Extensions
|   |   |   |   |   \---Interfaces
|   |   |   |   \---Views
|   |   |   |           +---Attributes
|   |   |   |           +---Helpers
|   |   |   |           \---Interfaces
|   |   |   +---obj
|   |   |   |   \---Debug
|   |   |   |           +---TempPE
|   |   |   |           +---Themes
|   |   |   |           \---Windows
|   |   |   |                   \---Windows
|   |   |   +---Properties
|   |   |   +---Resources
|   |   |   |   \---Images
|   |   |   +---Themes
|   |   |   \---Windows
|   |   |           +---Controls
|   |   |           |   +---InfoBarMessageControl
|   |   |           |   +---Interfaces
|   |   |           |   \---MVVMProviders
|   |   |           |           \---Logic
|   |   |           |                   +---EventArgs
|   |   |           |                   \---Extensions
|   |   |           +---Data
|   |   |           |   +---Converters
```

```
|   |   |       |   |       \---Helpers
|   |   |       |   +---EventArgs
|   |   |       |   \---Helpers
|   |   |       +---Extensions
|   |   |       +---Helpers
|   |   |       +---Interactivity
|   |   |       |   \---DragDropHelpers
|   |   |       +---Interfaces
|   |   |       +---Markup
|   |   |       +---Threading
|   |   |       |   +---Extensions
|   |   |       |   \---Helpers
|   |   |       \---Windows
|   |   |           +---DataWindow
|   |   |           \---Interfaces
|   |   +---Catel.MVVM.SL4
|   |   |   +---MVVM
|   |   |   |   \---Services
|   |   |   +---Themes
|   |   |   \---Windows
|   |   |       +---Controls
|   |   |       +---EventArgs
|   |   |       +---Helpers
|   |   |       +---Interfaces
|   |   |       \---PopupBehavior
|   |   +---Catel.MVVM.SL5
|   \---Catel.Test
|       +---Catel.Test.NET40
|       |   +---Caching
|       |   |   \---Policies
|       |   +---Collections
|       |   +---ComponentModel
|       |   +---Data
|       |   |   +---EventArgs
|       |   |   +---Exceptions
|       |   |   +---Extensions
|       |   |   +---Helpers
|       |   |   \---TestClasses
|       |   +---ExceptionHandling
|       |   +---Extensions
|       |   |   +---Data
|       |   |   |   +---Repositories
|       |   |   |   \---Specifications
|       |   |   +---EntityFramework5
|       |   |   |   +---Data
|       |   |   |   |   \---Helpers
|       |   |   |   +---Extensions
|       |   |   |   +---Helpers
|       |   |   |   +---Repositories
|       |   |   |   \---TestClasses
|       |   |   +---FluentValidation
|       |   |   |   +---Attributes
|       |   |   |   +---Models
|       |   |   |   +---Validators
|       |   |   |   \---ViewModels
|       |   |   \---Prism
|       |   +---Helpers
|       |   +---IO
|       |   +---IoC
```

```
|       |   |   +---Configuration
|       |   |   +---EventArgs
|       |   |   +---Exceptions
|       |   |   \---Helpers
|       |   +---Logging
|       |   |   \---EventArgs
|       |   +---Memento
|       |   |   \---Mocks
|       |   +---Messaging
|       |   +---MVVM
|       |   |   +---Auditing
|       |   |   +---Commands
|       |   |   +---Exceptions
|       |   |   +---Locators
|       |   |   +---Services
|       |   |   |   +---EventArgs
|       |   |   |   \---Exceptions
|       |   |   +---ViewModels
|       |   |   |   +---Attributes
|       |   |   |   +---Extensions
|       |   |   |   \---TestClasses
|       |   |   \---Views
|       |   |       +---Attributes
|       |   |       \---Helpers
|       |   +---Properties
|       |   +---Reflection
|       |   +---Runtime
|       |   |   \---Serialization
|       |   |       +---Attributes
|       |   |       +---BinarySerialization
|       |   |       +---Helpers
|       |   |       +---TestModels
|       |   |       \---XmlSerialization
|       |   +---Test References
|       |   +---Text
|       |   +---Threading
|       |   +---WeakReferences
|       |   \---Windows
|       |       +---Data
|       |       |   \---Converters
|       |       \---Helpers
|       \---Catel.Test.WIN80
|           \---Images
+---templates
|
\---tools
    +---nuget
    \---pepita
```