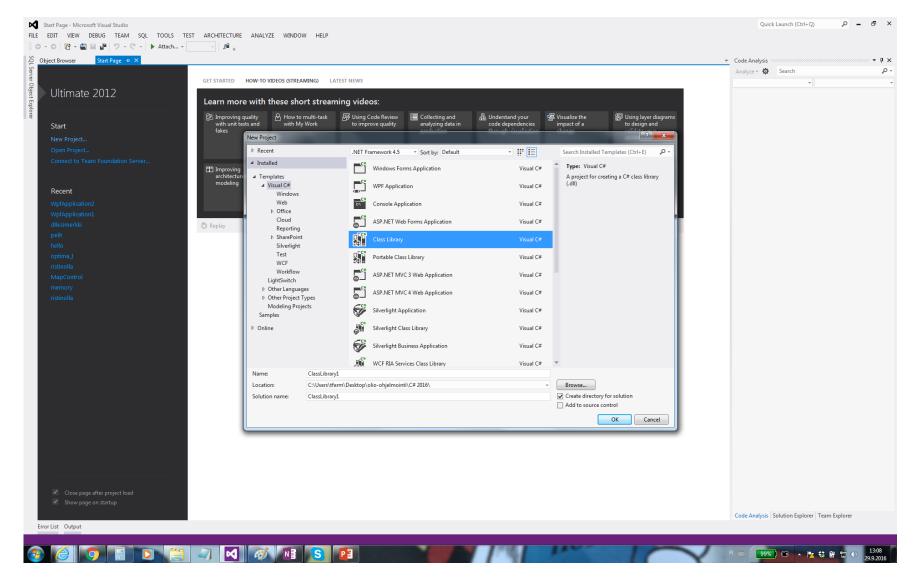
Making a library

Library dll is a collection of compiled components
Library can be released as such (without code, without Visual Studio)

In this example board games and their boards are collected to one library which is then used in a new project

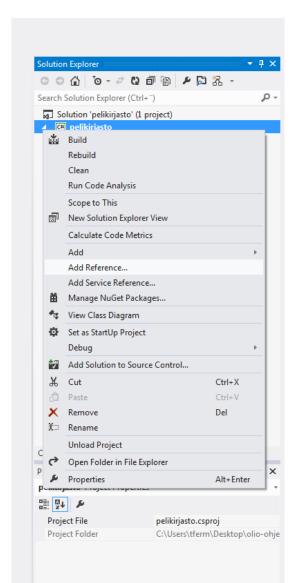


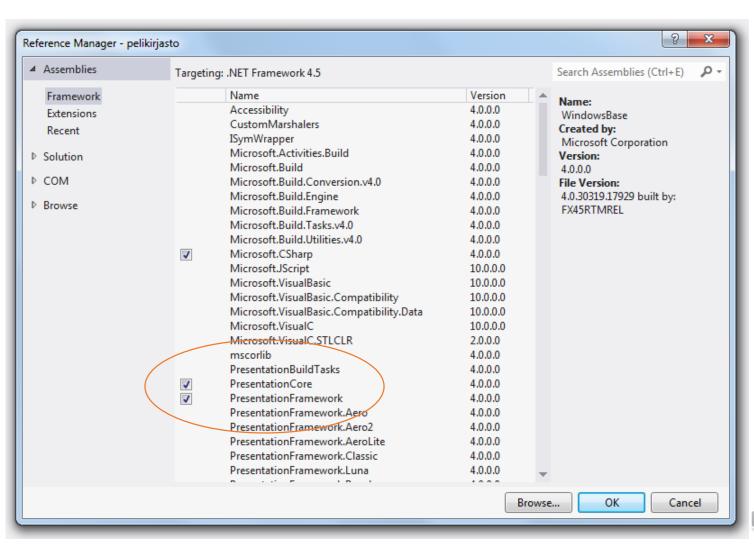
1. Start a new project of type library (dll)





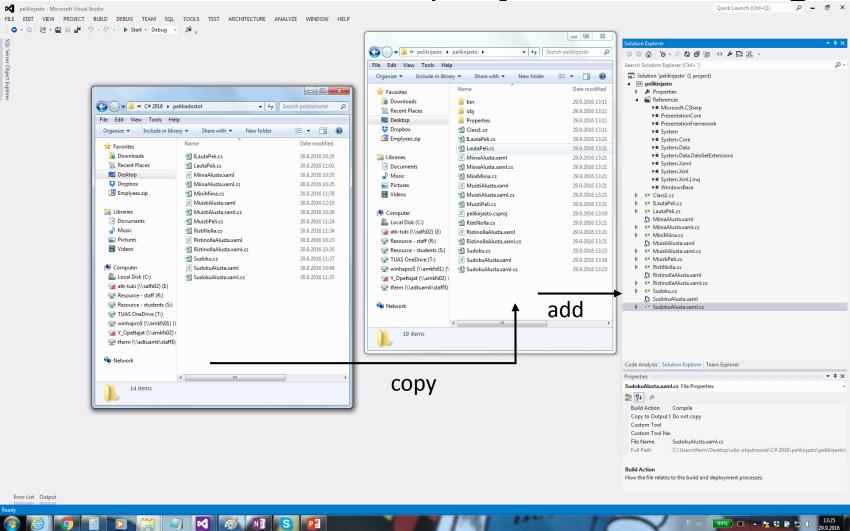
2. Add references to PresentationCore, System.xaml, PresentationFramework ja WindowsBase







3. Copy the existing components (files) to project folder and add them into project as existing items





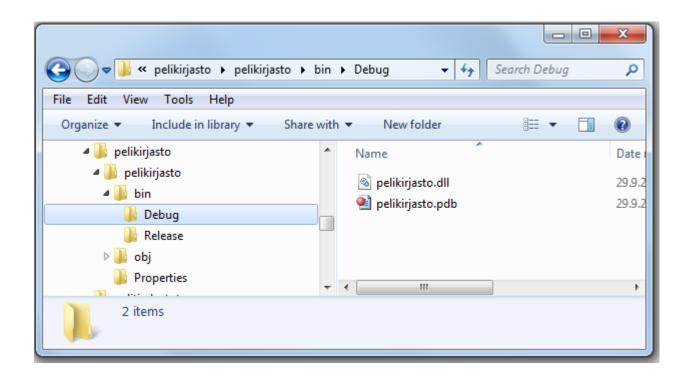
4.Ensure all components are in the same namespace

Usually classes in one dll are in one namespace or a major namespace has subnamespaces

```
□using System;
  using System.Windows;
  using System.Windows.Controls;
□ namespace pelit
                                    Refactor
                                                                                                  F2
                                                                               Rename...
                                    Organize Usings
                                                                          Extract Method...
                                                                                                  Ctrl+R, M
          public class
                                    Generate Sequence Diagram...
                                                                              Encapsulate Field...
                                                                                                  Ctrl+R, E
                                                               Ctrl+R. T
                                                                            Extract Interface...
                                                                                                  Ctrl+R, I
                                                               Ctrl+R, Ctrl+T
                                    Debug Tests
                                                                           🍇 Remove Parameters...
                                                                                                  Ctrl+R, V
                                                               Ctrl+K, X
                                                                           ៊ីថា Reorder Parameters..
                                                                                                  Ctrl+R, O
        //copy of but
                                    Insert Snippet...
                                   Surround With...
                                                               Ctrl+K, S
                                                                           ton[9];
                 private
                                 Go To Definition
                                                               F12
                                                               Ctrl+K, R
                 //amount
                                   View Call Hierarchy
                                                               Ctrl+K, Ctrl+T
                 private
                                    Breakpoint
                                   Run To Cursor
                                                               Ctrl+F10
                                    Run Flagged Threads To Cursor
                 public
                                                                           ird)
                                                               Ctrl+X
                                                               Ctrl+C
                                    Сору
                                                                           in Grid named grid t
                                                                           o(slots, 0);
                        tTTB
                                    Find Matching Clones in Solution
                        Init();
```

▼ | ▼ slots

5.Build the project



NOTE!

The project does not have a startable program and can not be run



6.Use the dll

a. Startable program in the same project

- Add into same project a subproject of type wpf and add the components you want from the library project (remember refrence to library project)
- Set as StartUp project the Wpfproject
- Build and run

b. Startable project as a separate project

- Start a completely new project of type wpf
- Add a reference to the library dll you just created
- Add the components you want from the library
- Build and run



