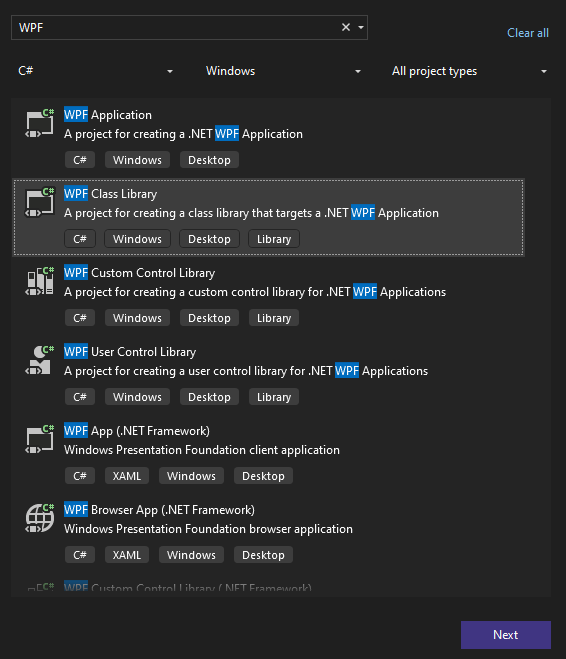
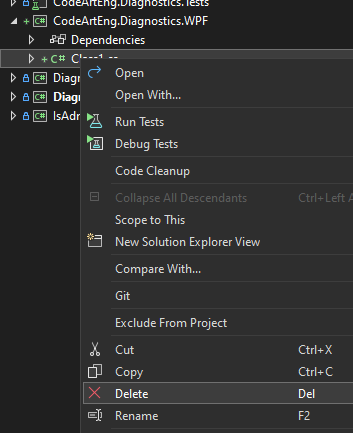
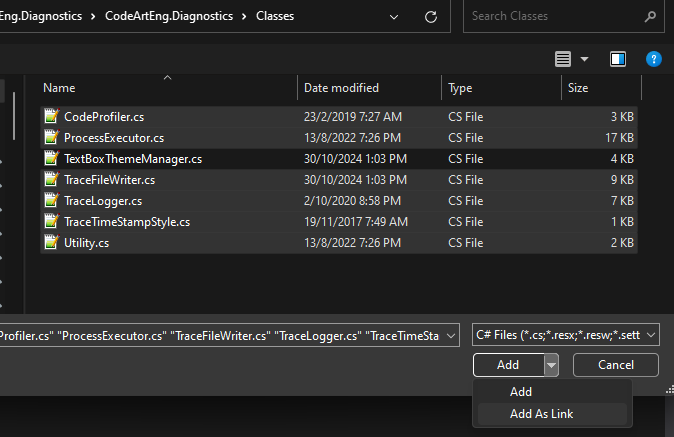
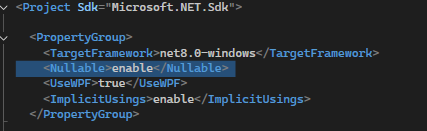
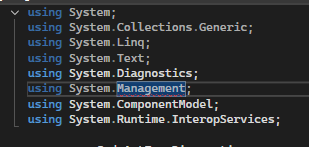
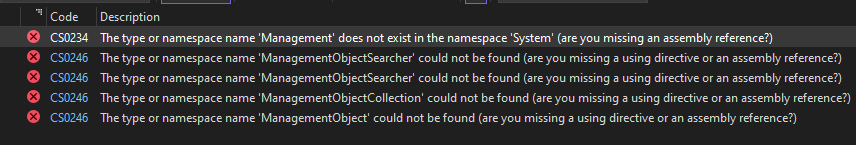
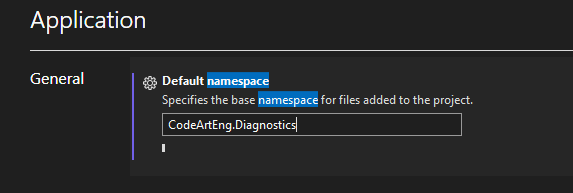
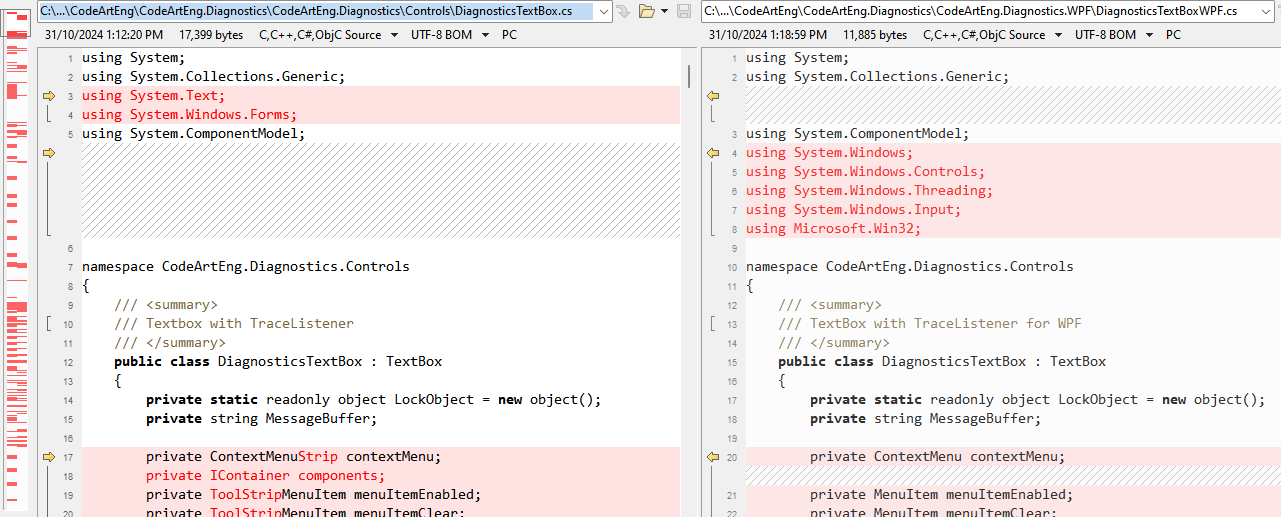
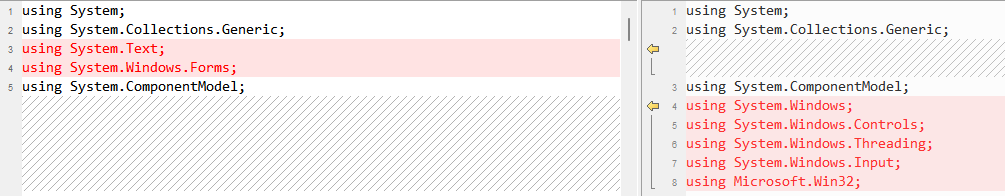
CodeArtEng.Diagnostics Migration Guide from WinForms to WPF

1. Identify classes which is generic and platform specific (WinForm) - Visio
2. Create WPF project  
   
3. Delete auto generated class.  
   
4. Include all generic classes, add as link. Alternatively, create separate shared library reference by both project. Not recommend to copy the code difficult to maintain.  
   
5. Remove nullable to maintain backward compatibility with WinForm code.  
   
6. Add missing package, System.Management  
     
     
   
7. Compile and make sure no error.
8. Namespace  
   
9. Create unit test project for WPF (Optional)  
   Include unit test cases (add by link) if backward compatible.
10. Next, the hardest part, migrate windows form to WPF.  
    With help from AI Chat bot to generate WPF version of DiagnosticsTextBox from WinForm version  
      
    Migrate the attached file to WPF equivalent. Keep the generated function in same sequence as source unless new introduced methods. Include XML documentation and attribute tags, update only when necessary.

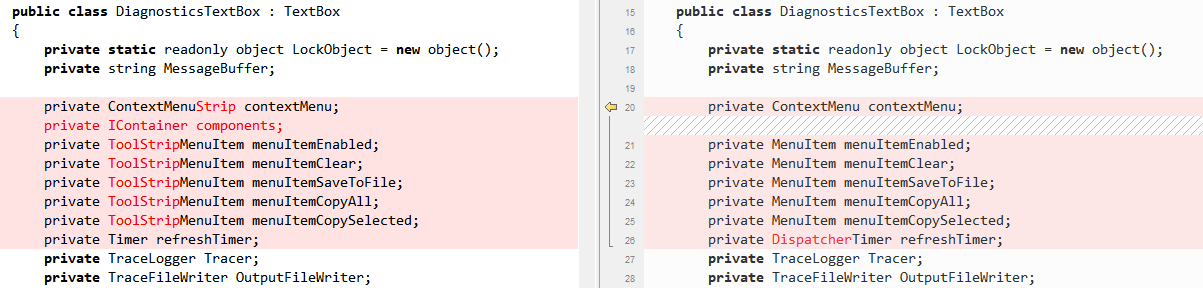
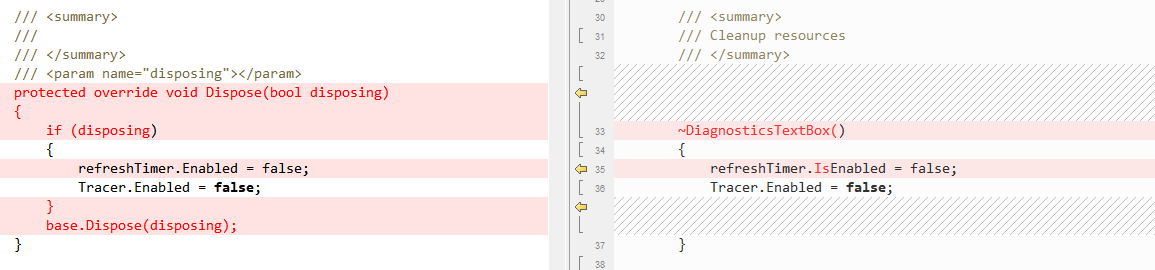
Review the changes

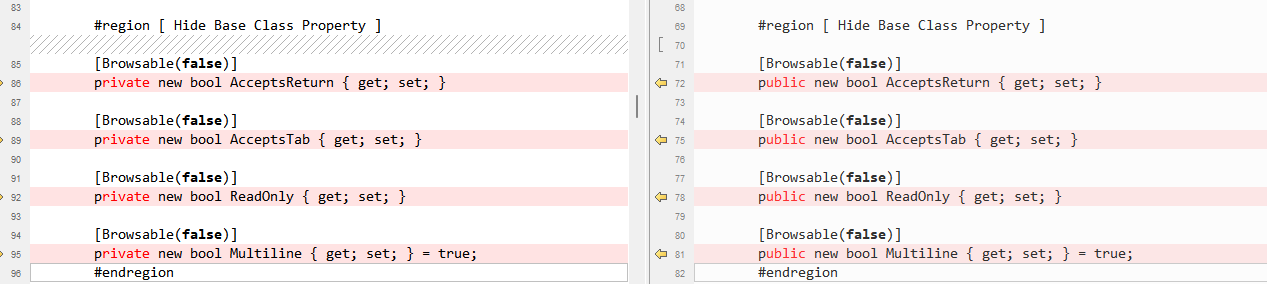
Total Changes: 

Using



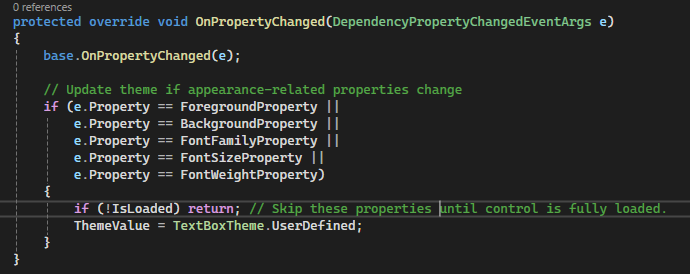
Define parameters

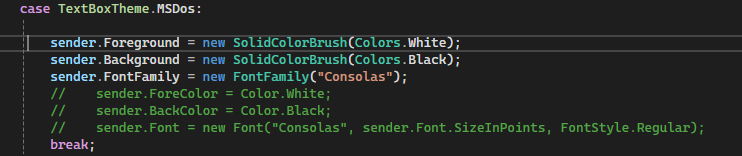
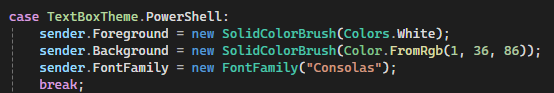
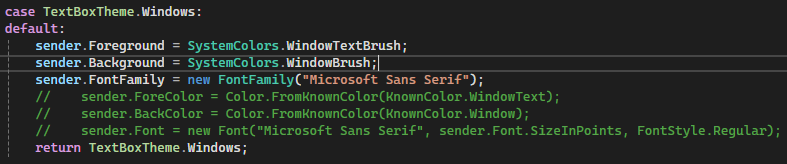
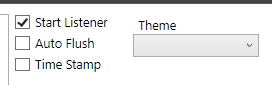
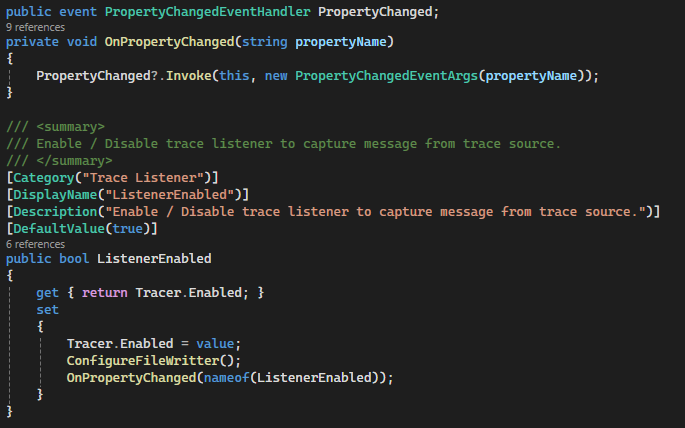
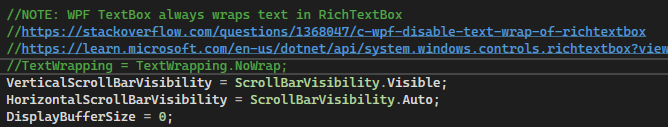
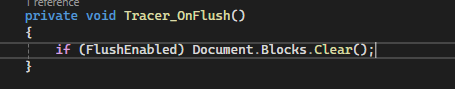
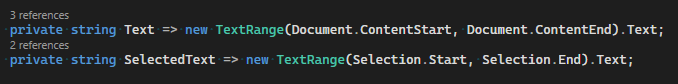
  
  
Dispose Pattern  


Hide properties  


Property changed conversion





1. Add a copy of TextBoxThemeManager and convert the code to WPF Equivalent.  
     
     
   
2. Make sure no compilation error.
3. Create new WPF example project to test new WPF control.
   1. Data binding   
      
4. Implement INotifyPropertyChanged interface to enable 2 way bindings.  
   
5. DiagnosticsRichTextBox, clone from DiagnosticsTextBoxWPF since 90% of the code are identical.
6. Missing TextWrapping property  
   
7. Clear  
   
8. Text property   
   
9. Remove extra spacing between block in RichTextBox  
   