

Code standards for C#

General

1. Resharper warnings and errors resolved on files
2. Sonarqube green lights on blocker,critical, major, minor
3. Single line space between methods and complex properties
4. All serializable classes serialize to JSON and protobuf
5. All serializable classes have a corresponding interface
6. .designer.cs file for each serializable class containing serializable properties
7. One class per file
8. Choose binding over event handling
9. variable names whenever possible should be named according to the class i.e.
ScalarFunction, IScalarFunction both should be named scalarFunction

Order of C# parts

1. Constructors
2. Auto properties
3. Complex properties
4. Methods
5. Events

Public, then protected, then private on all the above