Project #1 – Code Analysis OCD[1]   due Monday, Sep 15th

Purpose:

This project requires you to develop an architectural concept for a Code Analyzer. The requirements for that project focus on support for quality and structure analysis of C# programs, and are given in the Project #2 Statement.

Your architecture should explore:
- Purpose and typical uses
  - Consider impact of specific uses on design
- Ways to make the user interface(s) effective.
- Suitable partitioning of processing into packages
  - Provide one or more package diagrams and discuss the responsibilities of each package
  - Consider interface contracts you need to establish between packages
- Means to present results.
- Important events and critical processing.

Requirements:

Your Code Analyzer Architecture document:

1. **shall** be prepared as a Microsoft Office Word file, using embedded Visio diagrams.
2. **shall** explore and describe the user interface(s) you will provide.
3. **shall** partition Code Analyzer processing into at least top-level packages.
4. **shall** describe the uses/responsibilities, activities, partitions, events, and interactions of each of the packages in your architecture.
5. **shall** use both text and diagrams for the descriptions in 4, above.
6. **shall** document any prototype code you develop in an Appendix.

---

[1] OCD stands for Operational Concept Document