Project #3 – Dependency Analyzer OCD[1] due Monday, Oct 20th
Version 1.0

Purpose:
This project requires you to develop an architecture for a Remote Dependency Analyzer project. The requirements for that project focus on providing a flexible design and implementation of a remote communication and analysis engine, and are given in the Project #4 Statement. In particular you should focus on reusing the analysis processing from project #2 and on communication needed to support dependency analysis of distributed file sets.

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 application processing into packages
  - Provide one or more package diagrams and discuss the responsibilities of each package
  - Consider interface contracts you may need between packages.
- Means to effectively present results
- Important events and critical processing

Requirements:
Your Remote Dependency Analysis Architecture document:

1. **shall** be prepared as a Microsoft Office Word file, using embedded Visio diagrams[2].
2. **shall** explore and describe the user interface(s) you will provide.
3. **shall** partition analysis 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
[2] Both Word and Visio are available in the ECS clusters.