**Revision Control and Introduction to Subversion Memo – due Sept. 25**

The purpose of this assignment is to introduce revision control (or version control) and the specific product called Subversion (SVN). Revision control is another tool used extensively by teams of software engineers. Knowledge of revision control tools is essential for organizations that employ teams of developers, so it will very helpful for a career in software engineering. In this memo to your supervisor you will summarize the benefit of version control to your class project.

**What I want You To Learn**

* Define revision control and its purpose in the context of software development
* Define the term commit
* Explain how revision control products like SVN can support multi-person teams

**Deliverable**

Please read the Wikipedia articles for [revision control](http://en.wikipedia.org/wiki/Revision_control) and for [Subversion](http://en.wikipedia.org/wiki/Subversion_%28software%29) (SVN), and follow some of the links on the Subversion page to answer the questions in this assignment. Also see Dr.  Campbell's notes at <https://lectures.csi.muohio.edu/index.php/Subversion>. Write a memo to me in which you address the criteria listed below. Follow the usual memo format and submit your memo to me.

**Criteria for assignment**

1. Define revision control (aka version control) and its purpose of revision control in the context of software development
2. Define the term Commit in the context of Subversion
3. In your own words, describe how products like SVN might support your class project. Consider your own work and the work of your team.

**Grading Rubric**

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| --- | --- | --- |
| Criteria | Done Well | Need Improvement |
| Identify the purpose of revision control in the context of software development | The purpose of revision control in software development is stated clearly | The purpose of revision control in software development is not stated |
| Define the term Commit in the context of Subversion | Commit is defined in relation to Subversion | Commit is not defined in relation to Subversion |
| In your own words, describe how products like SVN might support your class project. Consider your own work and the work of your team. | Compelling description of how you think that SVN can support developing your class project | The use of SVN to support your project is not described |