**First Meeting**

Wednesday 21-23 UTC (Corvallis: 2-4pm, Kelley Engineering Center)

**What to talk about**

1. Introduce everyone.
   1. What are your skills in relation to this project?
   2. Have the students worked together before?
   3. etc.
2. Team roles
3. Outline of project
   1. Goals
   2. Type of work/programming
   3. Deadlines/schedule
   4. etc.
4. Any extra questions.
5. Set up next meeting.

**Notes**

**Graphical**

* Graph of dependencies

**Virtual Servers**

* Win7
  + VS 2010
  + VS 2012
  + Change pathway for configure - want to use the microsoft compiler vs open source
* Ubuntu

Team should have better understanding of dependencies.

Need to develop some expertise in XML Stylesheets (transform one XML format to another). Use XML transformations to generate makefiles as an example.

How do I compile… etc. - **Which files do I include?**

200 modules (about). Editing should not require changing 200 files/projects, only want one makefile/XML/etc.

How do you document your modules/dependencies?

**Part of the requirements is in the wiki.**

Win7 build ~40GB before building - ~90GB after expanded/built.

One builds, then copies the directories. Changing one module and then building is only like 10 minutes (vs building the whole project ~4 hours).

**Steve has experience in stylesheets.**

This project is about our ability to manage programming skills.

Most is done with makefiles under the seguine framework/dmake.

each ~200 modules has directories: how to show in VS20XX.

Each project has 1 target - each project can invoke other projects (to accommodate multiple targets).

To get more attention of developers (specifically windows developers): make it easier for developing on Windows Visual Studio.

Divide modules to team members.

**To Do**

1. Read through documentation.
2. XML stylesheets, transforming.
3. Create wiki account, add requirements information there. In the end we can use it to build the requirements document.
4. Research how makefiles transform for Microsoft visual studio.
5. Determine what we need to do in the next month.
6. Draft the requirements doc - run by Jan - then edit.
7. Jan and others will be looking into how the makefiles should look
8. Reqs doc: 4-5 wiki pages - be precise, this is how we want to do it.

Next meeting: 2-4pm (Corvallis time) Wednesday (30-OCT-2013).

**Post-meeting discussion**

**.vcproj**

* XML file that details what parameters and etc. to send to the compiler
* Has the details about how to detail

platforms: 32bit x86, amd-64

Have to tell visual studio that you are cross compiling for 64 bit