Inter-Tubes Synergistic-User Coding System (ITSU LCS)

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The System

- Programmers love source control
- Programmers love collaboration
- Programmers love coding
- Add them all together and you get 3love
I DRAW GOOD
Implementation

**Front End**
- Java based
- Tab model
- Like TextPad

**Syntax**
- Modular/simple
- Allow custom markup/regions (collapsible)

**Overlays**
- Diff
- Notes

**The Server**
- Holds the source
- Connects (but not communicates) between clients
- Handles bug tracking DB
- I don’t know anything about servers
Lifecyle

- Week 1 – Basic idea of system architecture
- Week 3 – A text editor and a source server
- Week 5 – A nicer text editor and the start of client/server communication
- Week 6 – Can actually use the editor as a single person to check in/out and edit/comment
- Week 7 – Start putting in collaboration (chat)
- Week 8 – Multiple people editing at the same time
- Week 9 – There is no week 9
Feasibility

• Maybe
• Actual collaboration could prove tricky
• Source control might need to be some scripts that interface with SVN and our custom markup
• It will be ugly because of Swing
• “Easy” features (markup, syntax, etc) could bite us in the ___ (Marty, fill this in for us)
• Having the client on the computer instead of the inter-tubes lessens a lot of the programming load