

Monday, January 17th 2005

Meeting Log

Purpose: Sending Content and Gearing Up

Time: January 17th 2005

Location: Sun Labs

Secretary/Timekeeper: Brandi Soggs

Present: Brandi, Jason, Jonas, Matt, Steven

Guest: Salman Azhar

Jabber:

- Learned how to use Inkscape menus
- Drop-down menu to manually edit object XML (mimics a Jabber-sent message)
- Can print out all of the XML (Send entire document)
- Users joining a chat on a document will get a message with a big document change
- Created rhit login

Inkscape:

- Got messages to send
- Sent a test with 1,000 messages: all worked. Why? Not sure. Perhaps just being patient enough.
- Loudmouth presence uses a specification not in the XMPP core, which is difficult to understand.
- Posted another message to the Loudmouth developer list to ask for examples. Still no word.
- Went in-depth with a packet-sniffer; now getting valid packets (weren't before). The jabber.org server is very crowded and slow, perhaps that was the issue
- Works better when sending messages to a user than with the server
- Posted code in CVS inkboard module
- Module: inkboard. Repository: inkboard
- Receiving messages, queueing groundwork laid but awaiting message received confirmation.
- Handles limited conflict resolution, like out of sequence receives.
- Not yet able to receive response. Loudmouth isn't recognizing receiving messages, don't think it's a problem with our code
- Time spent: 14 hours (Steven), 10 hours (Jonas)

Discussion:

- Too slow?
 - o Will need a long wait for messages
 - o Probably not a huge problem
 - o Might pause user explicitly if we're bogged down
 - o Messages received outside of the queue will be treated as new users
- New users

- When they get a new document sent, how will they get the queue of changes received?
- Send received queue with initial document
- Working with timer on queue
- CVS Repository
 - We should have one module
 - You need to work out of your home directory to update/commit? Use same login
 - Jabber-side logging in remotely
- Verb-based menu system, linking
 - First have to create a file to make the dialog, the edit verb information
 - Makefile_insert needs to be edited so that new source files are compiled
- Schedule
 - Hooking up the two halves for this week
 - Function for sending change will need to be modified
 - Will need to get user ids, maintain a datastructure of users logged in to a document
 - Messages with the same number; precedence goes to user with first alphabetically jabber id
 - Connection interface will be easy to make- we can login easily already.
 - Error dialog- fatal errors will have a popup, non-fatal errors will flash the message at the bottom. No packet loss, just slow
- User Documentation
 - The new menus are going to be Jabber-side created
 - Jabber-side will make document
- Additional Goal
 - Integrating code into inkscape? Where should Jabber-side stuff go in Inkscape
 - Misc. files go into an inkboard folder
- Presentation
 - Watch the presentation together on Thursday
 - Reserve time to ask Salman questions about the presentation next Tuesday
 - Be more careful in showing progress in presentations to the faculty
 - Consider doing dry-runs with Salman

Salman:

- Salman is wiggling out
- The discussion was good overall. Good Q and A.
- Suggestions:
 - Secretary and timekeeper should not be the same person
- Agenda time estimates were more accurate

To Do:

Inkscape- 3:00 on Wednesday

Jabber- 3rd hour

Next Group Meeting: Thursday, 9th-10th, Sun Lab