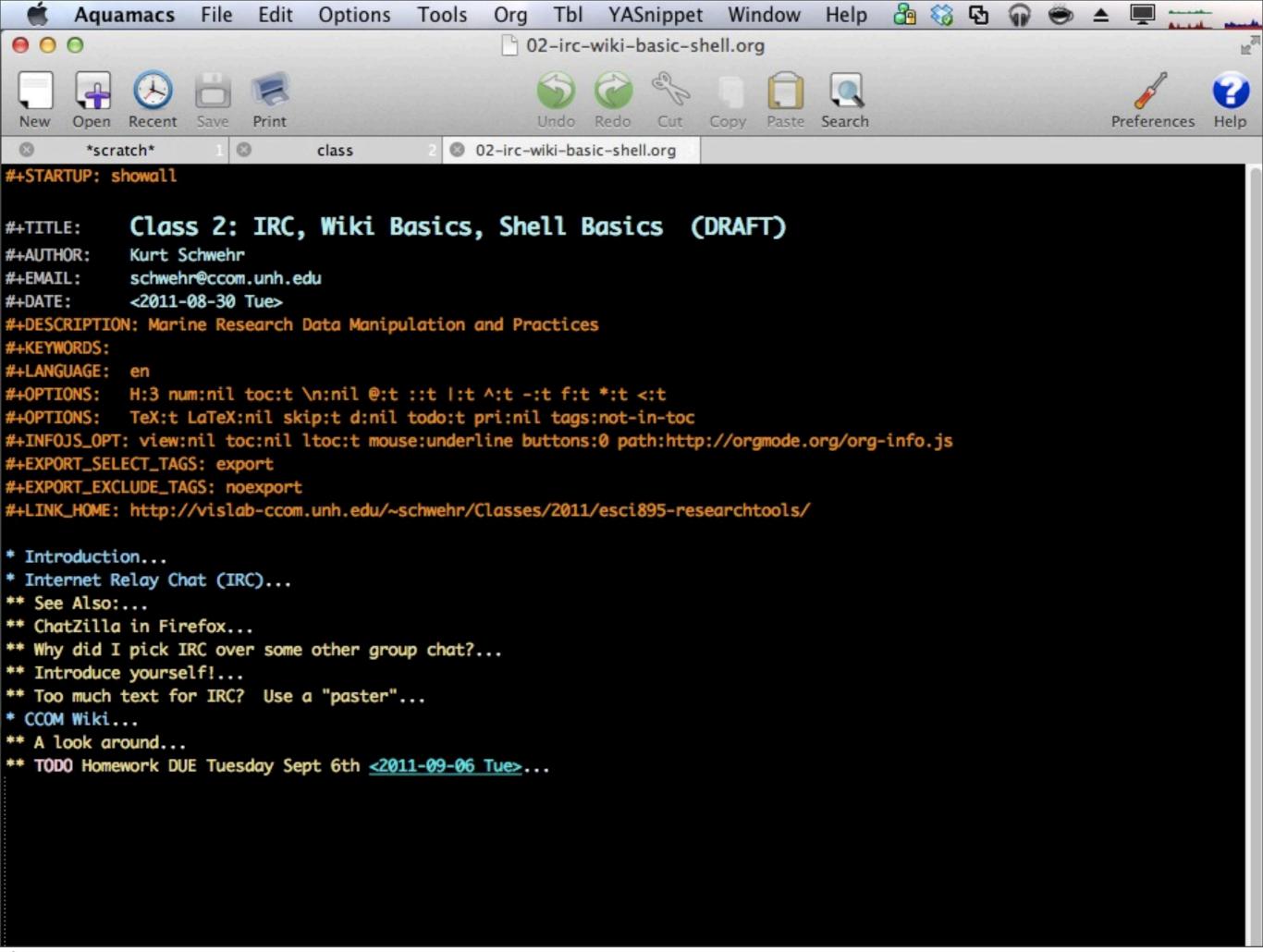


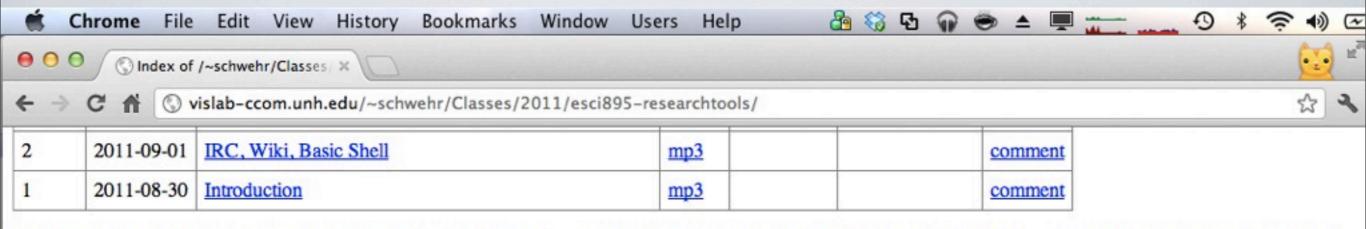
RESEARCHTOOLS 2011 LECTURE 02

2011-Sep-01 Kurt Schwehr http://schwehr.org

UNH CCOM/JHC IRC, Wiki, Basic Shell







The blog collumn points to posts on blogger where people can leave comments and have discussions. http://schwehr.org/blog, my normal blog channel is not setup for comments, so I will be using my blogger account for feedback.

Short links

- http://vislab-ccom.unh.edu/~schwehr/rt/ is an alias to ResearchTools 2011
- http://tinyurl.com/researchtools2011

More Course Materials

- Google Group for discussions: http://groups.google.com/group/researchtools2011
- <u>Ubuntu Virtual Machines</u> for VMWare

Virtual Machine account:

user: researchtools

pass: !rt2011vm

Final

There will be NO final. The real test will be how well you are able to use and adapt the material from this class for your own research and future classes.



* Internet Relay Chat (IRC)

We will now join a open group chat. Please remember that IRC is not a secure service. Anything you type can be logged or seen by clever people not in the chat room. *Be careful what you type into IRC!*

** See Also:

- http://www.youtube.com/watch?v=yzkJZLgt03w
 What is IRC? (Internet Relay Chat) How do I connect to it? by thisweekinlinux
- ** ChatZilla in Firefox
- Start Firefox
- Search for ChatZilla or go directly to https://addons.mozilla.org/en-US/firefox/addon/chatzilla/
- Click "Add to Firefox"
- Wait while it downloads
- Click "Install Now" once the Install add-ons popup is ready.
- Restart Firefox

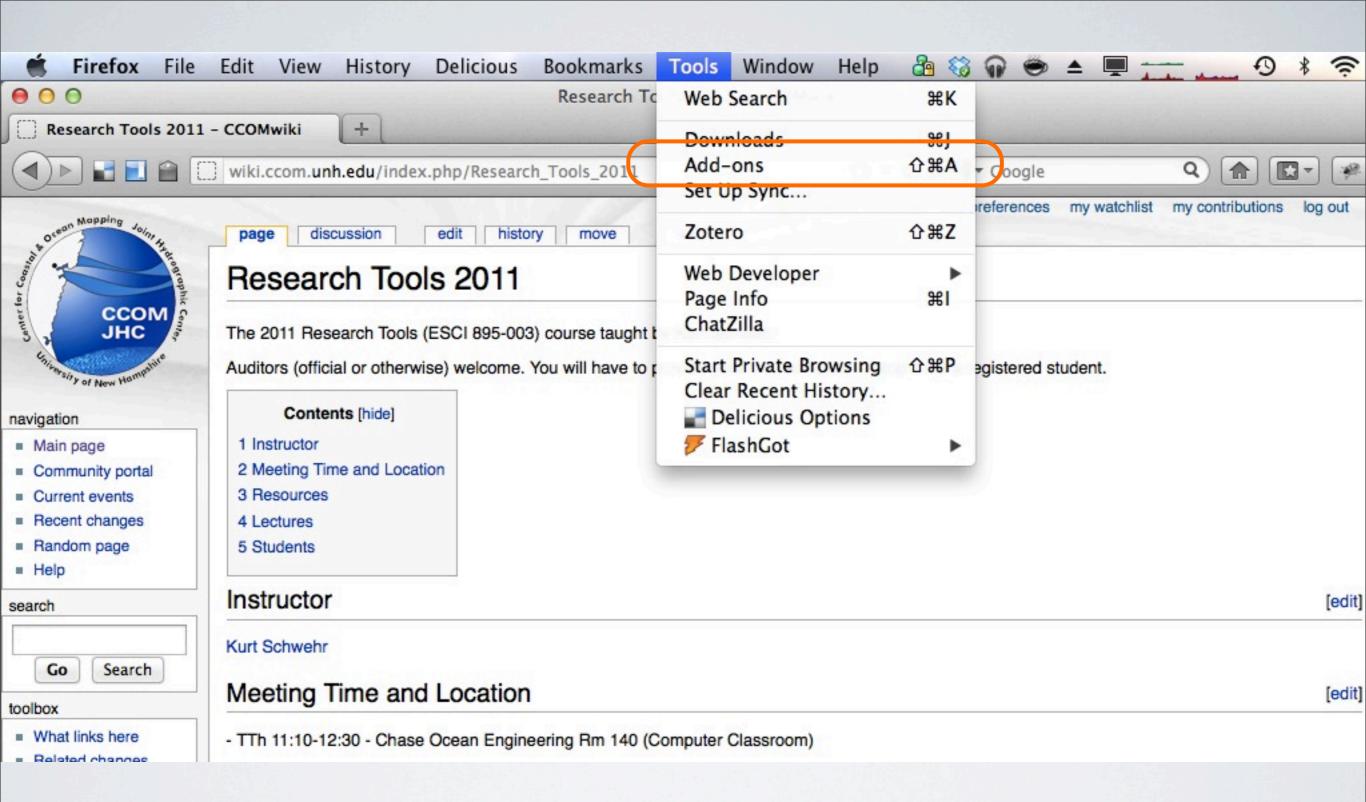
Firefox 6 on Windows 7 comes up in a different mode than it has in the past. Plugins are not directly available. Click the "Firefox" label on the top left of the Firefox window. Under "Options", turn on the "Menu Bar". You should now see a menu across the top that contains:

"File Edit View History Bookmarks Tools Help"

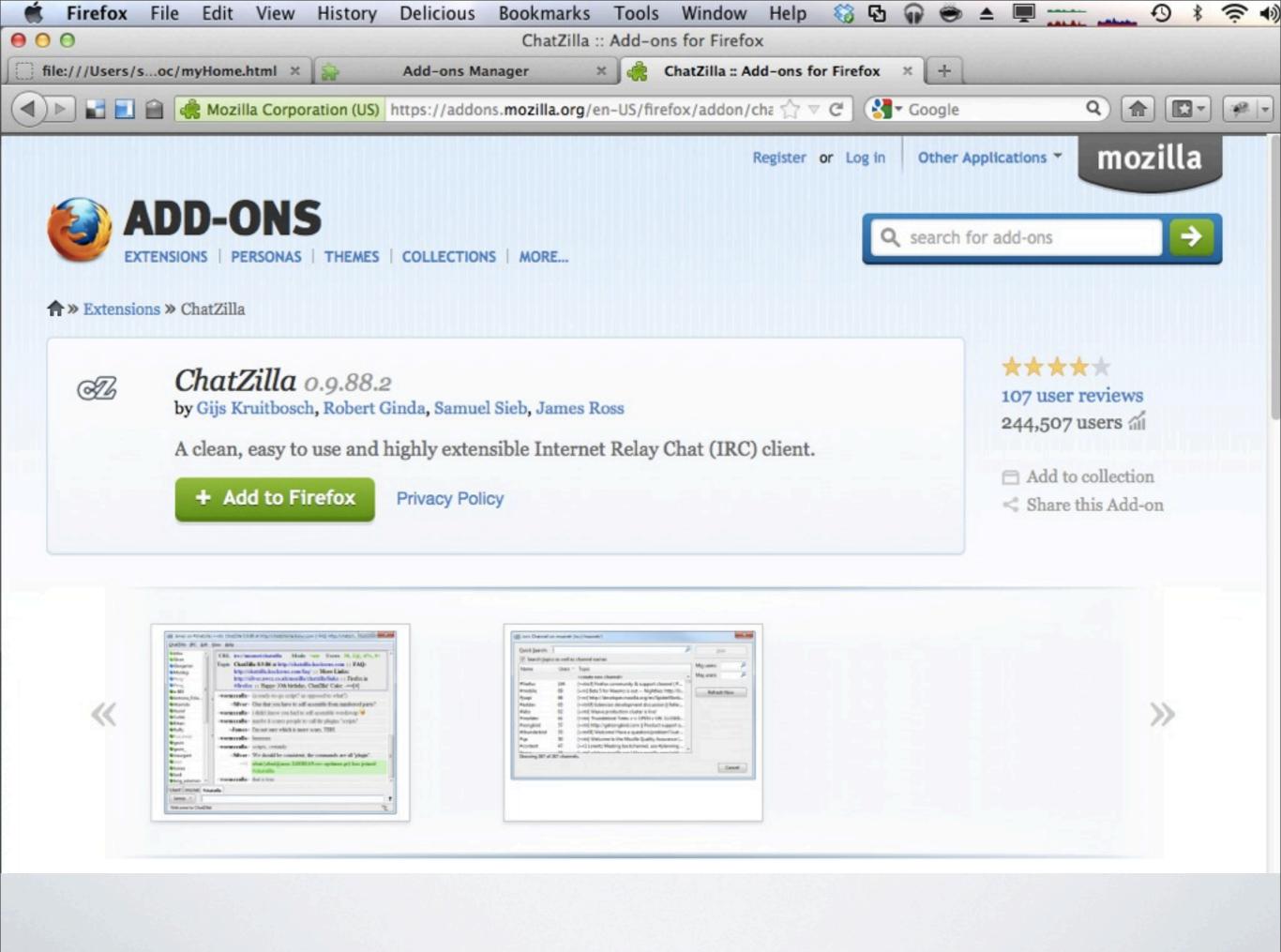
Under "Tools," select "ChatZilla" at the bottom.

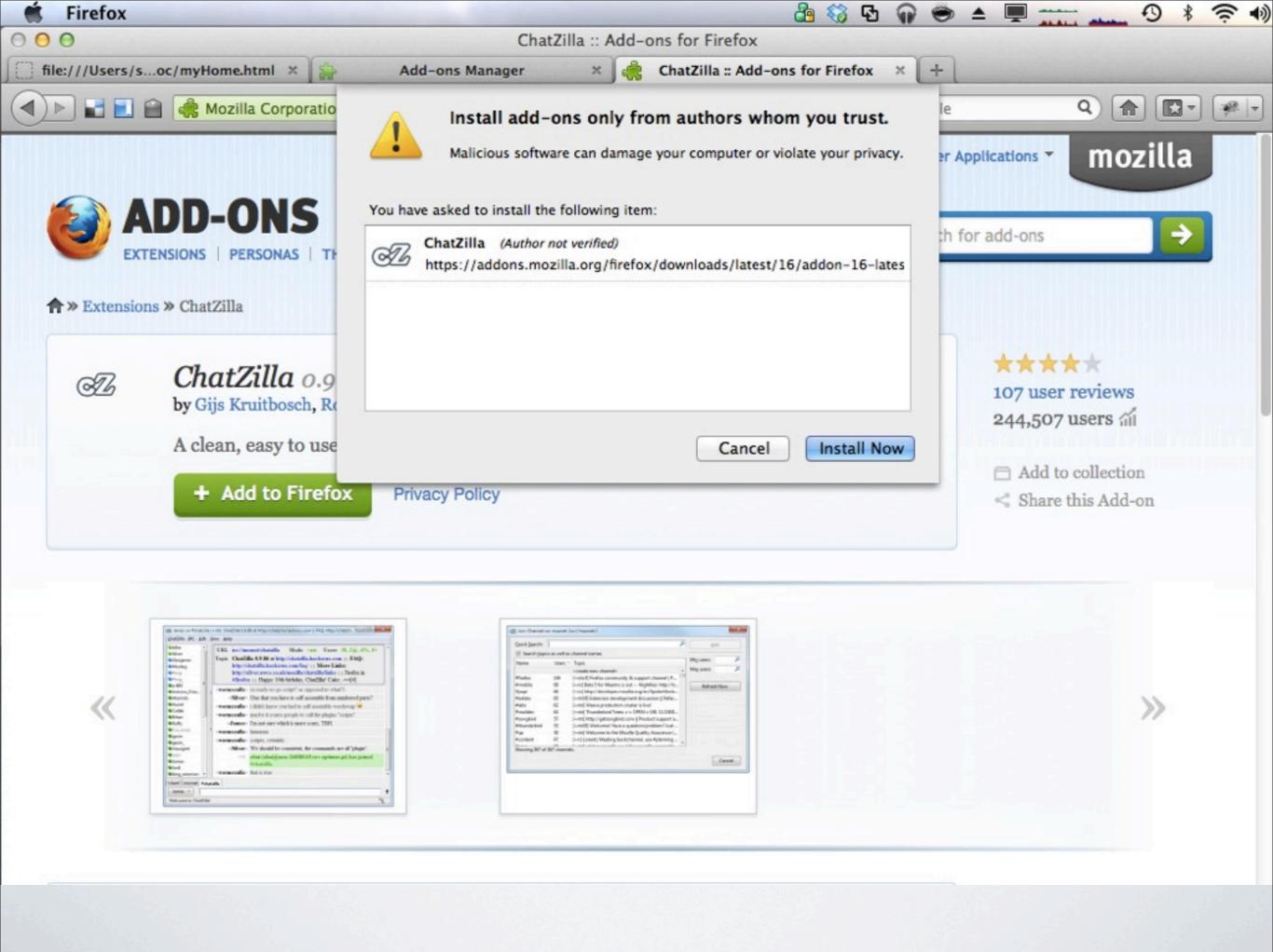
ChatZilla will use your login name (often referred to as you "shortname") by default. You can pick anything you like, but if you don't use something related to your name, people may have trouble which user in a chat is you. For this class, make sure to use the same short name as your CCOM account - please do not change your alias.

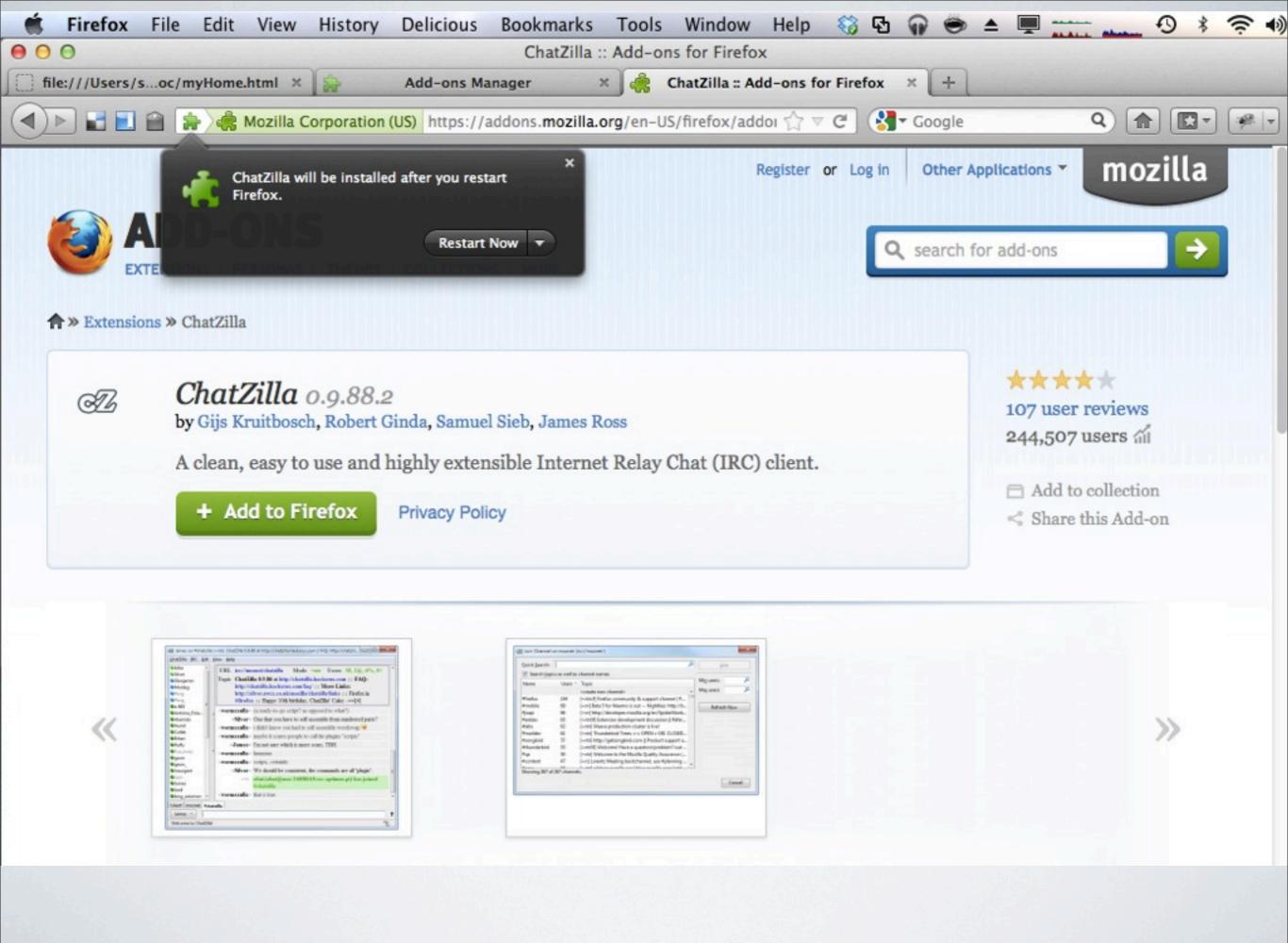
We need to now sign into an "IRC Server" that hosts chat rooms. There are many thousands of servers in the world and we will even setup on at CCOM later in the semester. For now, I have created an unofficial channel on http://freenode.net. FreeNode supports free and opensource software and this class is primarily about just those topics. Type this command right into the bottom window of ChatZilla:



This is on the Mac, but Firefox looks similar on Linux







* Internet Relay Chat (IRC)

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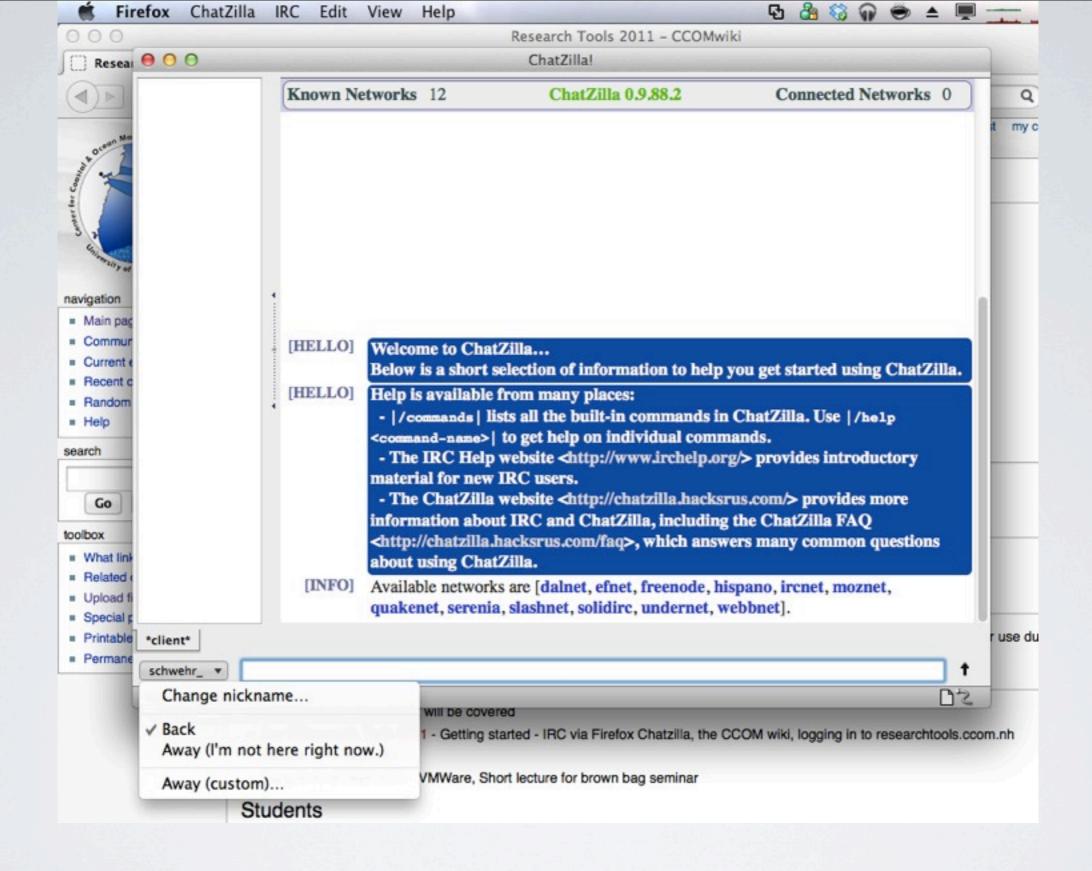
"File Edit View History Bookmarks Tools Help"

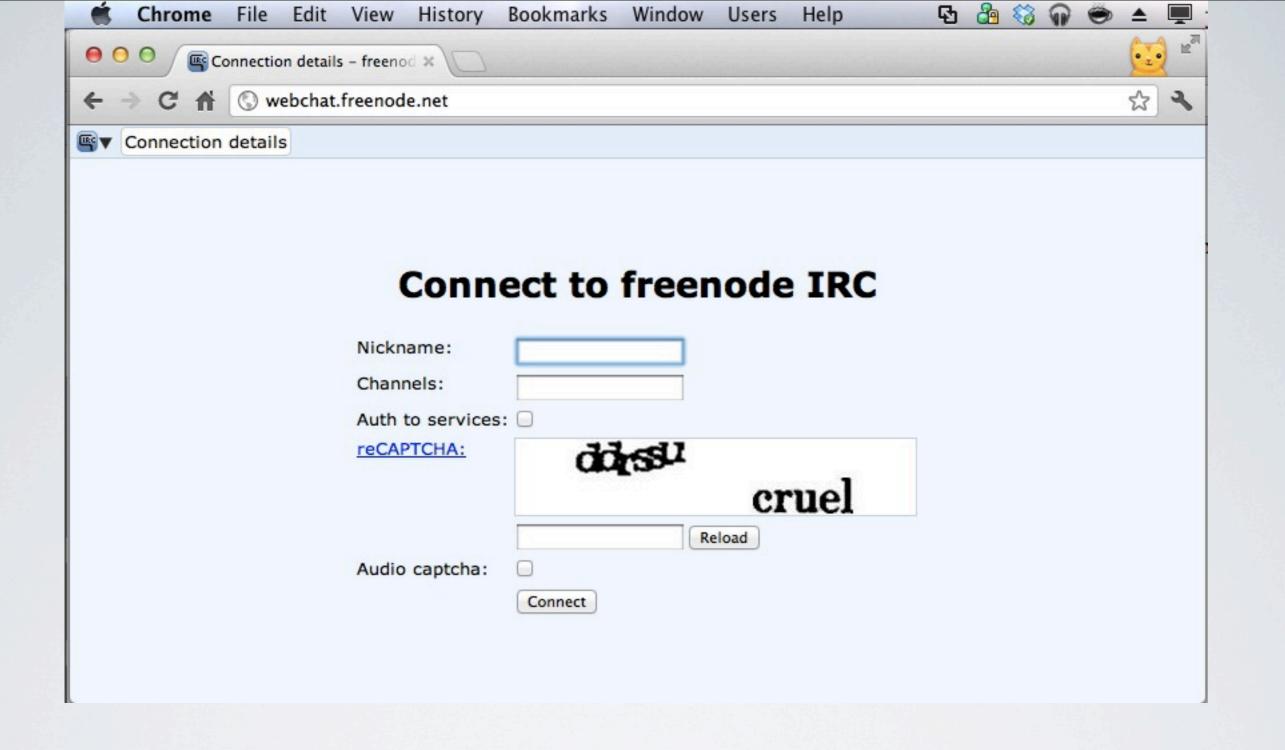
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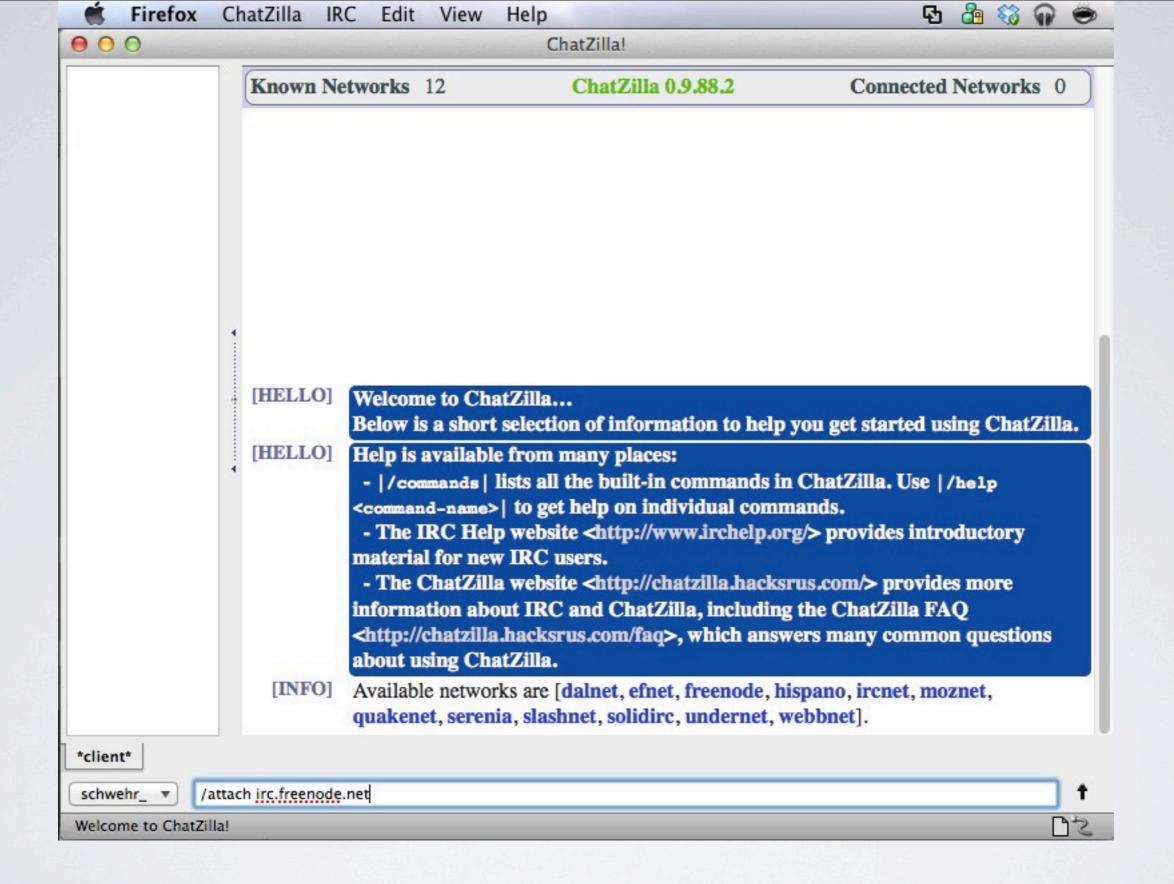
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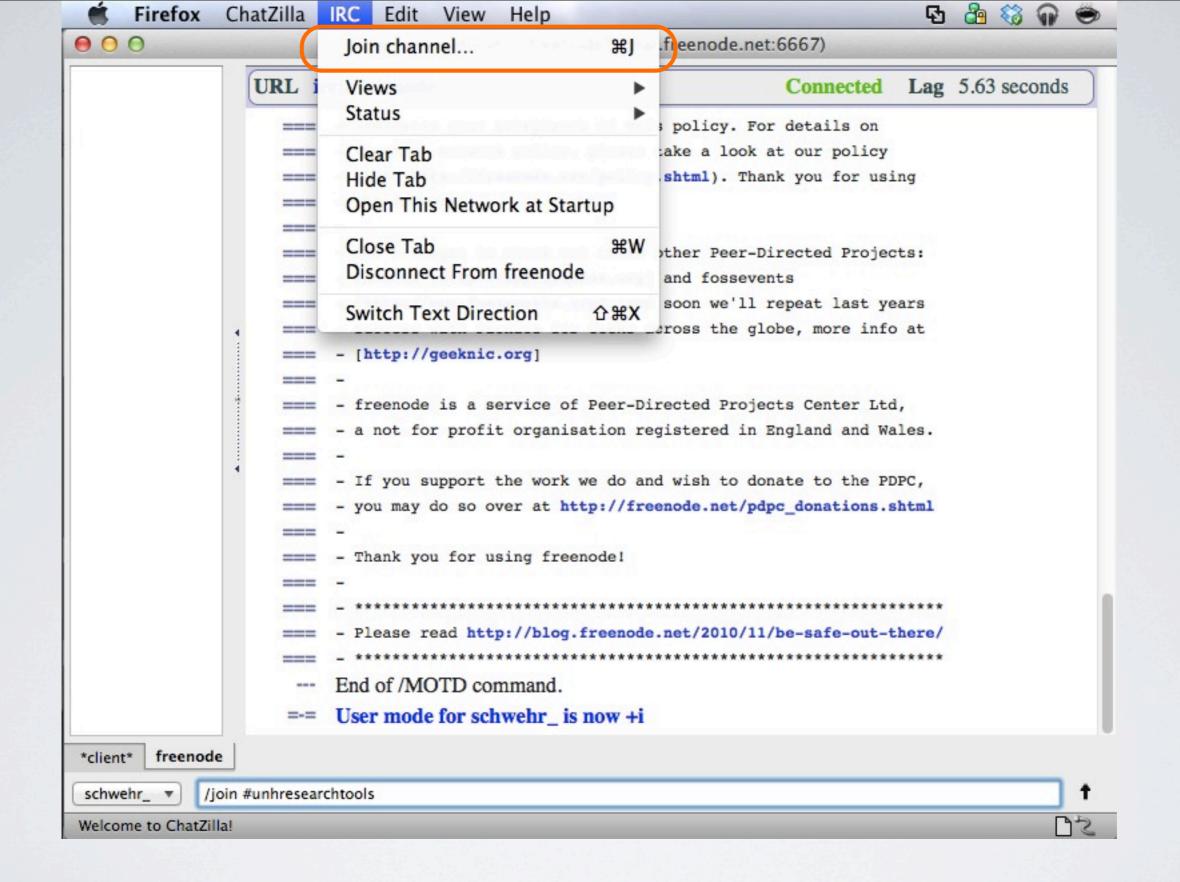
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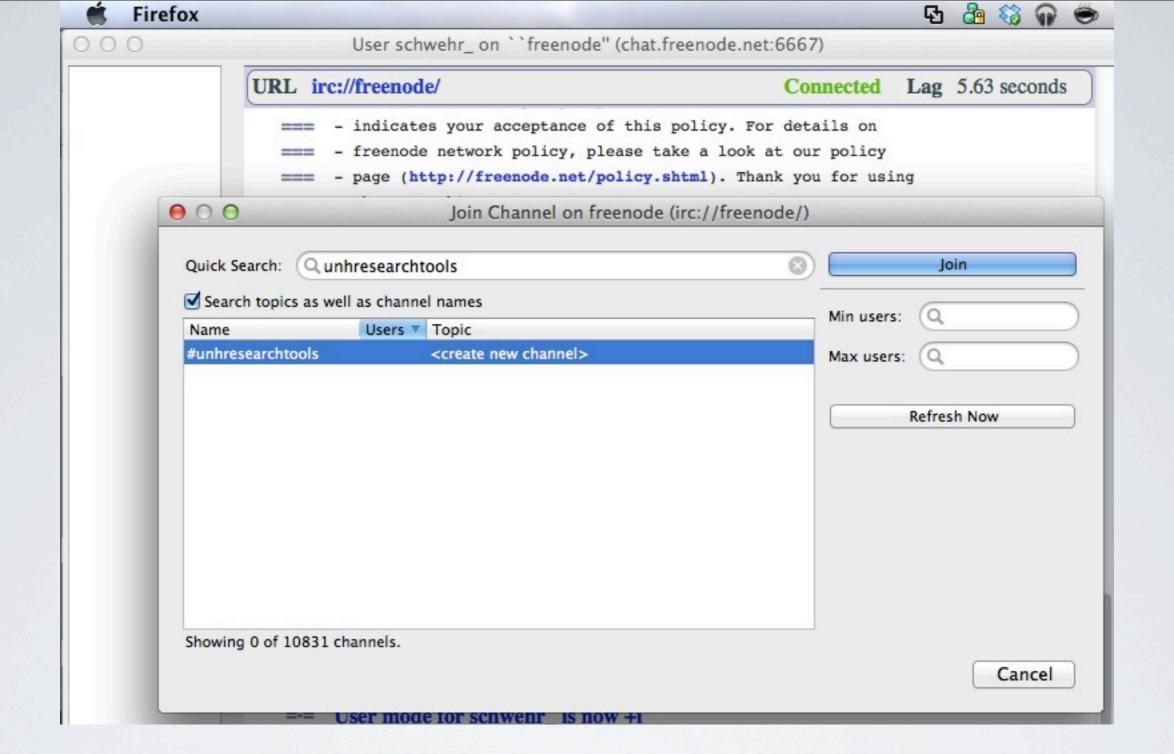


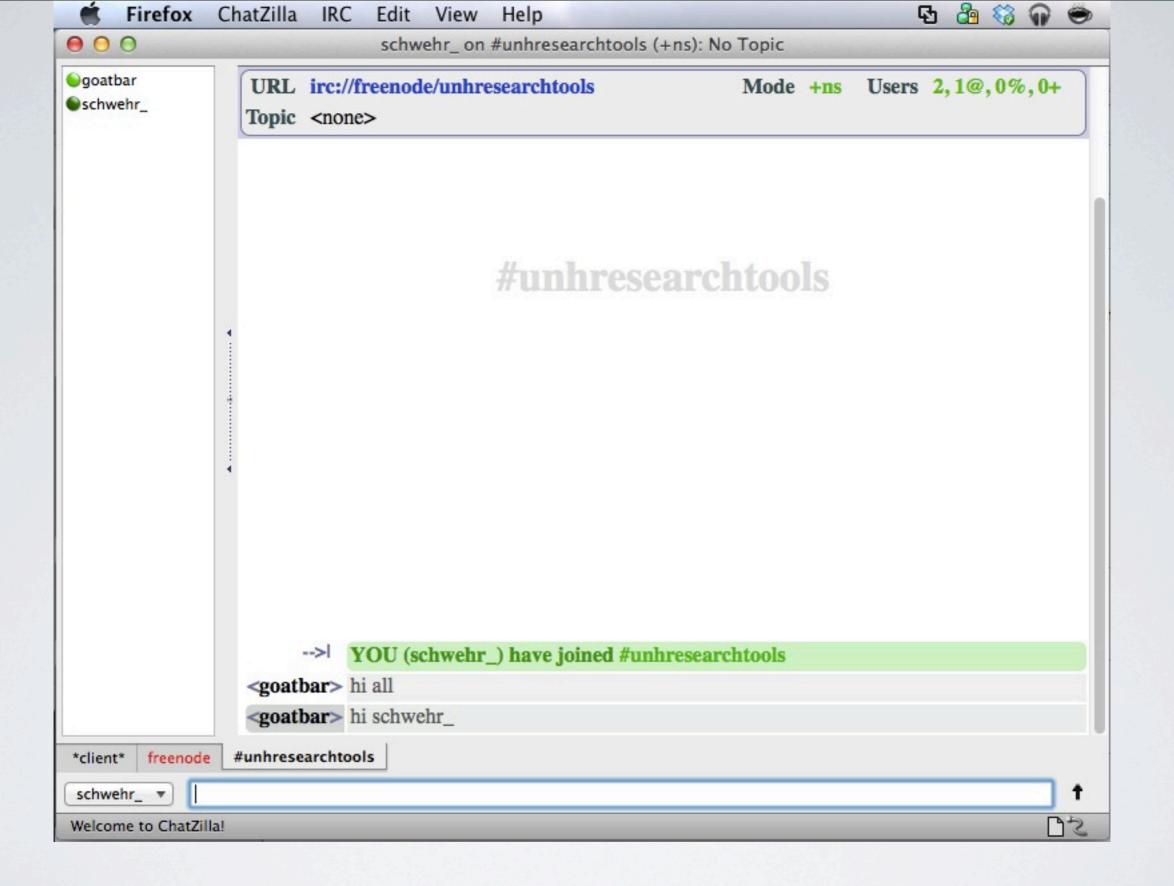


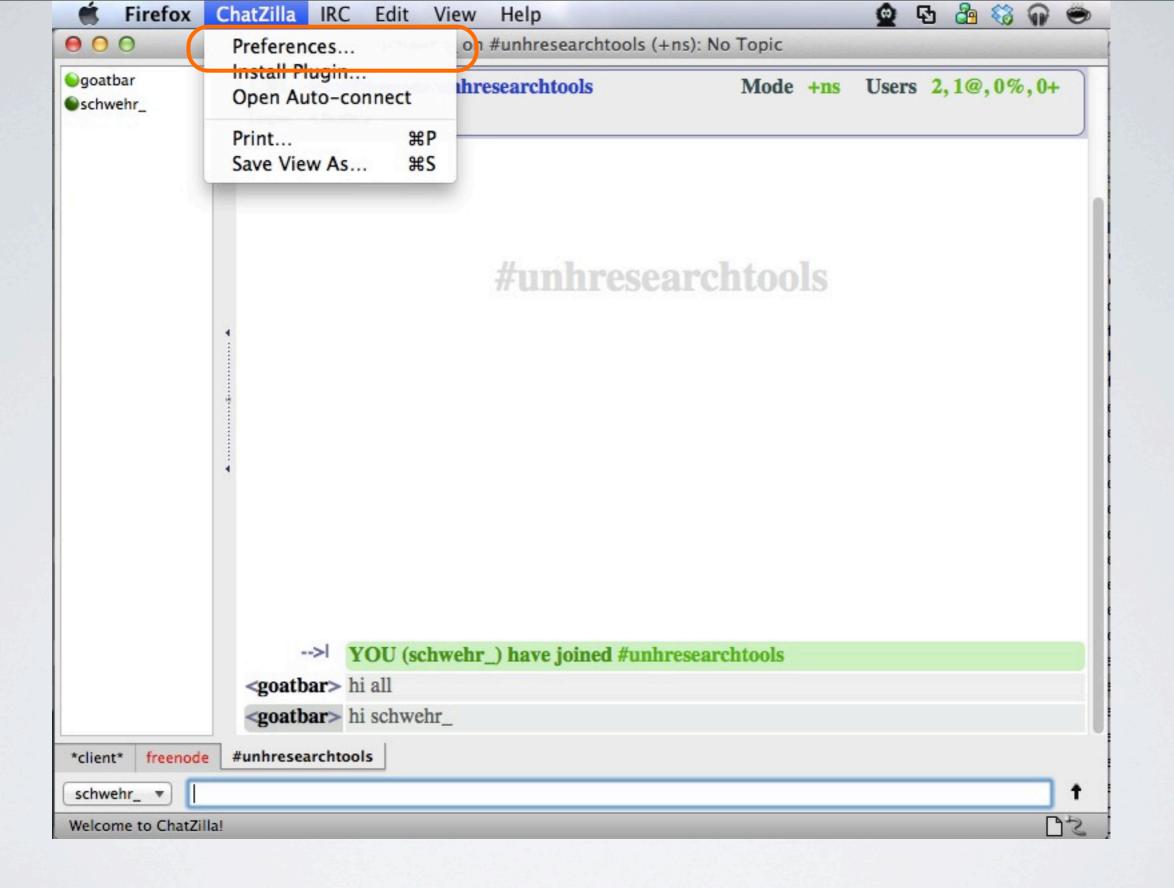


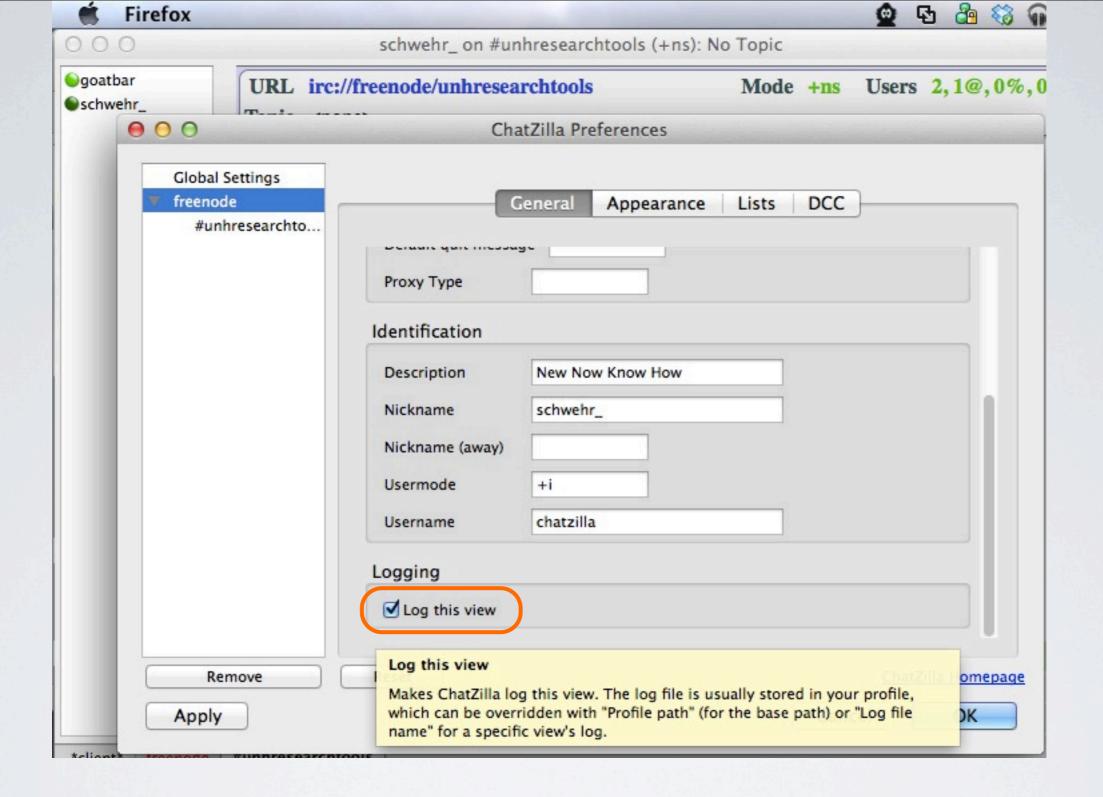


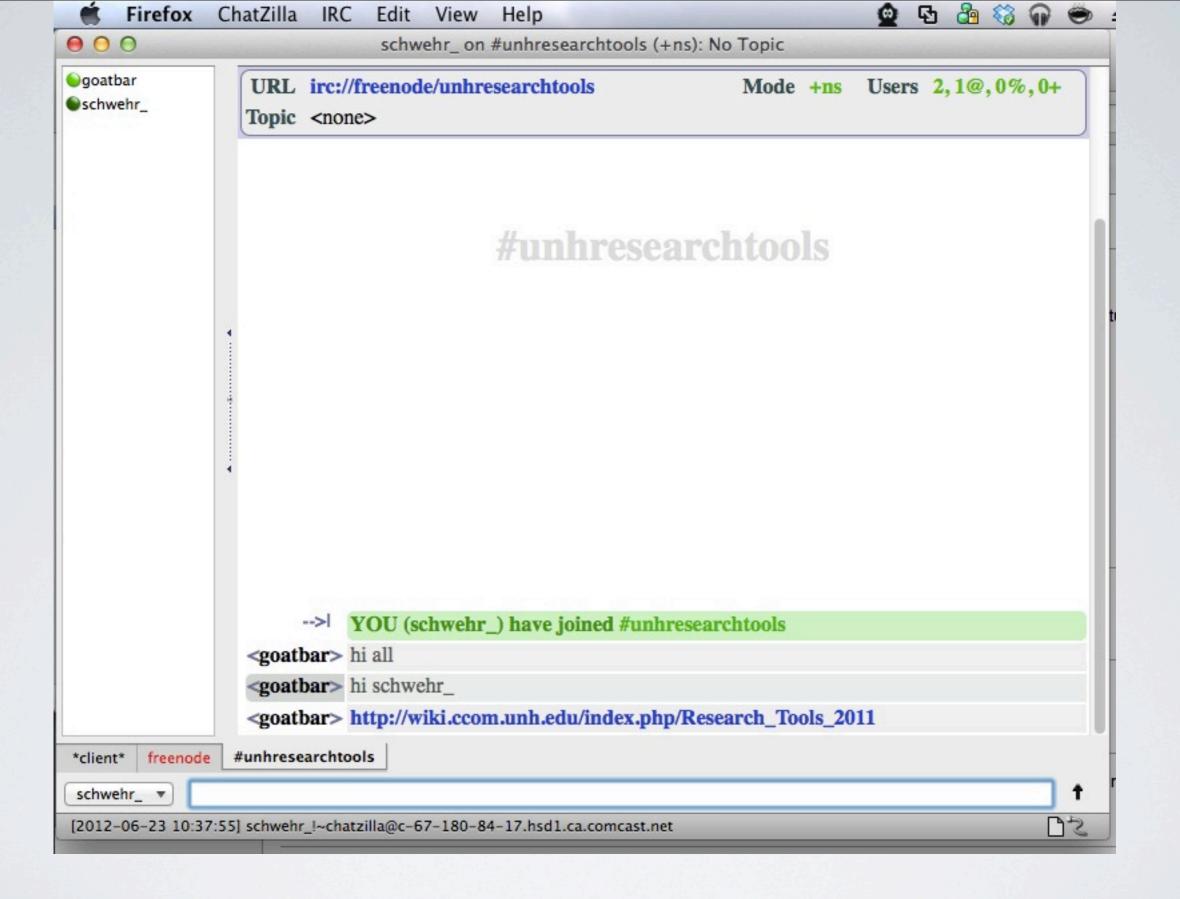


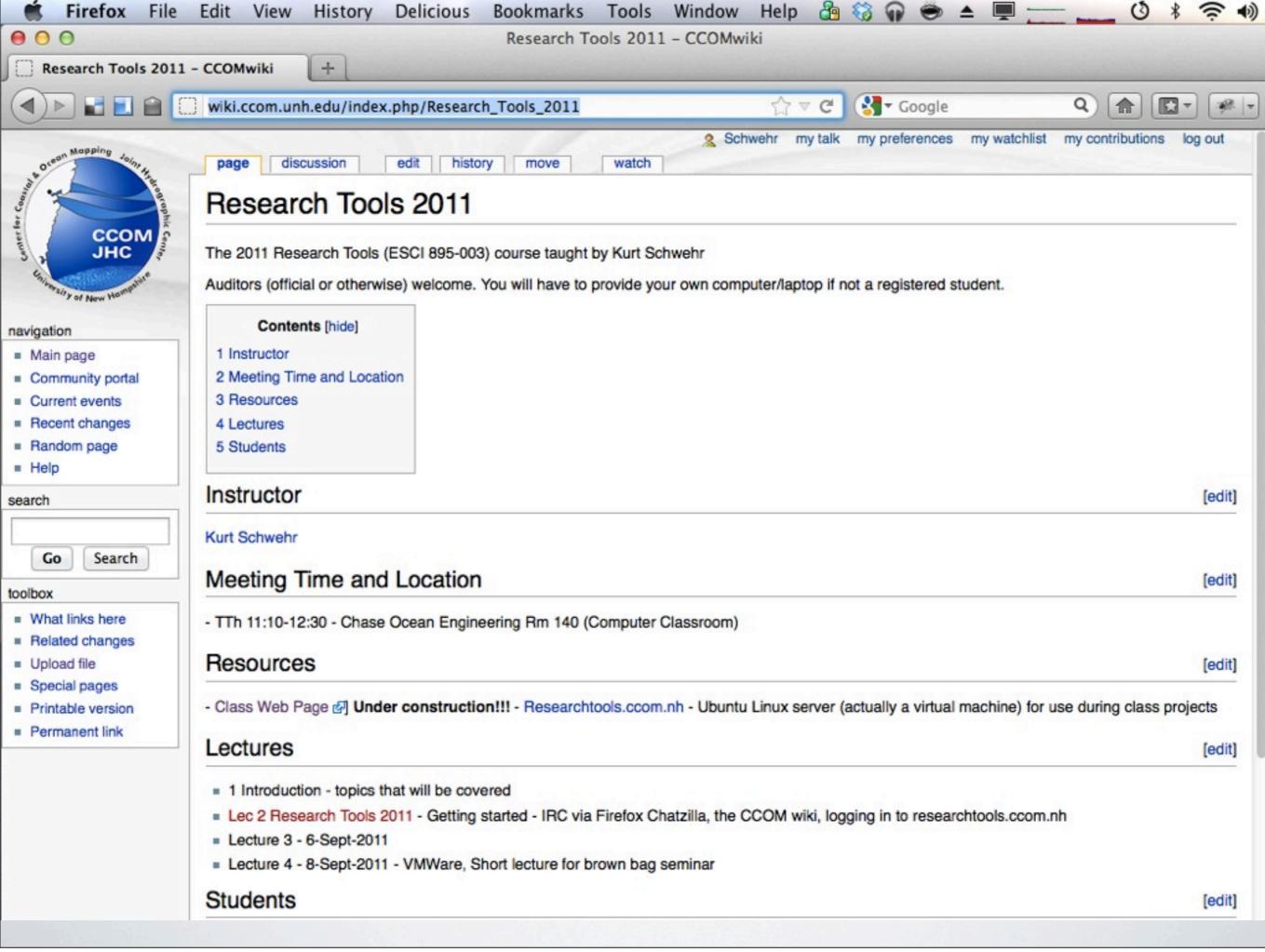


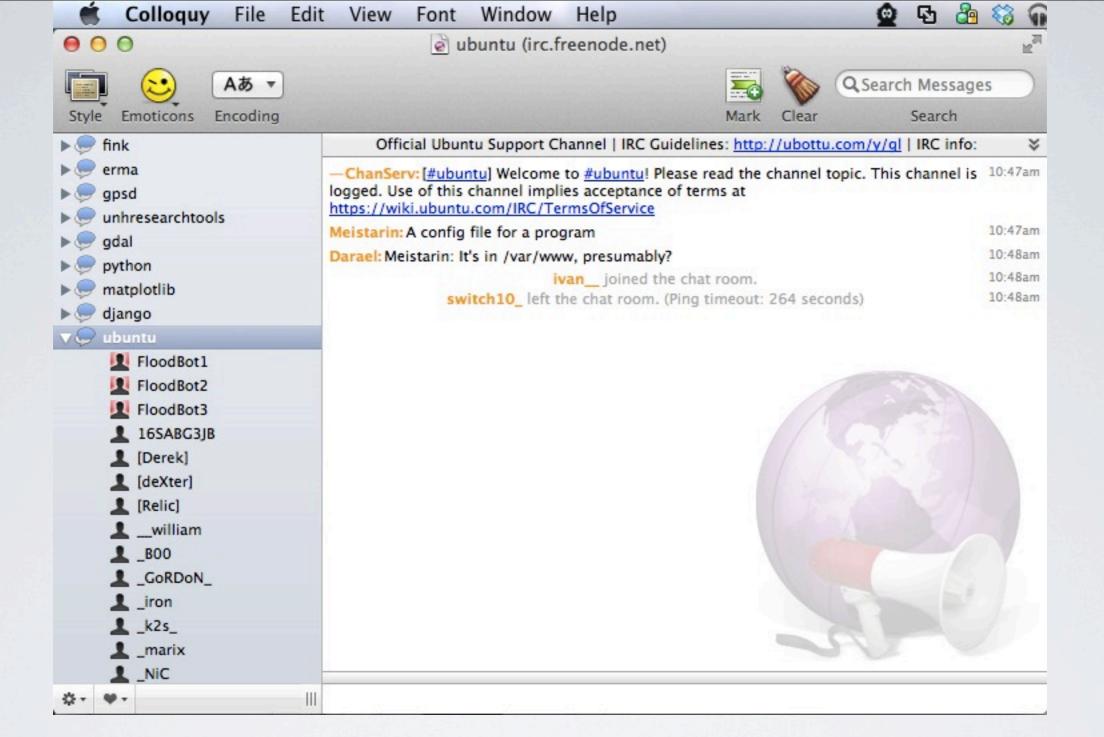












5

net <u>Contents</u> <- Previous <u>^ Up</u>

The World's First Web Published Book (2000)

Internet > Internet Relay Chat (IRC) > How To Use >

IRC Chatiquette -- Chat Etiquette

Note that you will often come in in the *middle* of a conversation.

Unless you're familiar with the channel you may want to sit and watch it for a minute or two to see what the conversation is about.

irc-faq; Version 1.53; November 28, 1995.

All sorts of people and opinions are expressed on IRC, since it is a real-time common space on the global <u>Internet</u> on which people can exercise their right to <u>free speech</u>. Just as in any public space, such as a park or restaurant, a little attention to chatiquette (chat etiquette) will make the experience more pleasant for everyone on IRC.

Each channel has at least one or more <u>operators</u>, often called just "ops", who control the channel. Occasionally, operators will <u>kick</u> you off the channel if you offend them. Particularly offensive behavior can get you banned from the entire network, although that is rare. Some operators just enjoy kicking people off their channel, so don't take it personally if it happens to you. If you get kicked off a channel and want back on, you can use the <u>/msg</u> command to ask the operator politely to be allowed back in.

The following chatiquette guidelines are useful to keep in mind:

- Consideration. Watch a channel for several minutes to observe the mood before sending a message after you join to make sure you have some understanding of the community atmosphere that has built up in the room before you arrived.
- <u>Don't shout</u>. Avoid capital letters, which are interpreted as shouting.

** Introduce yourself!

Please introduce yourself on the channel and then say a real hello to the class.

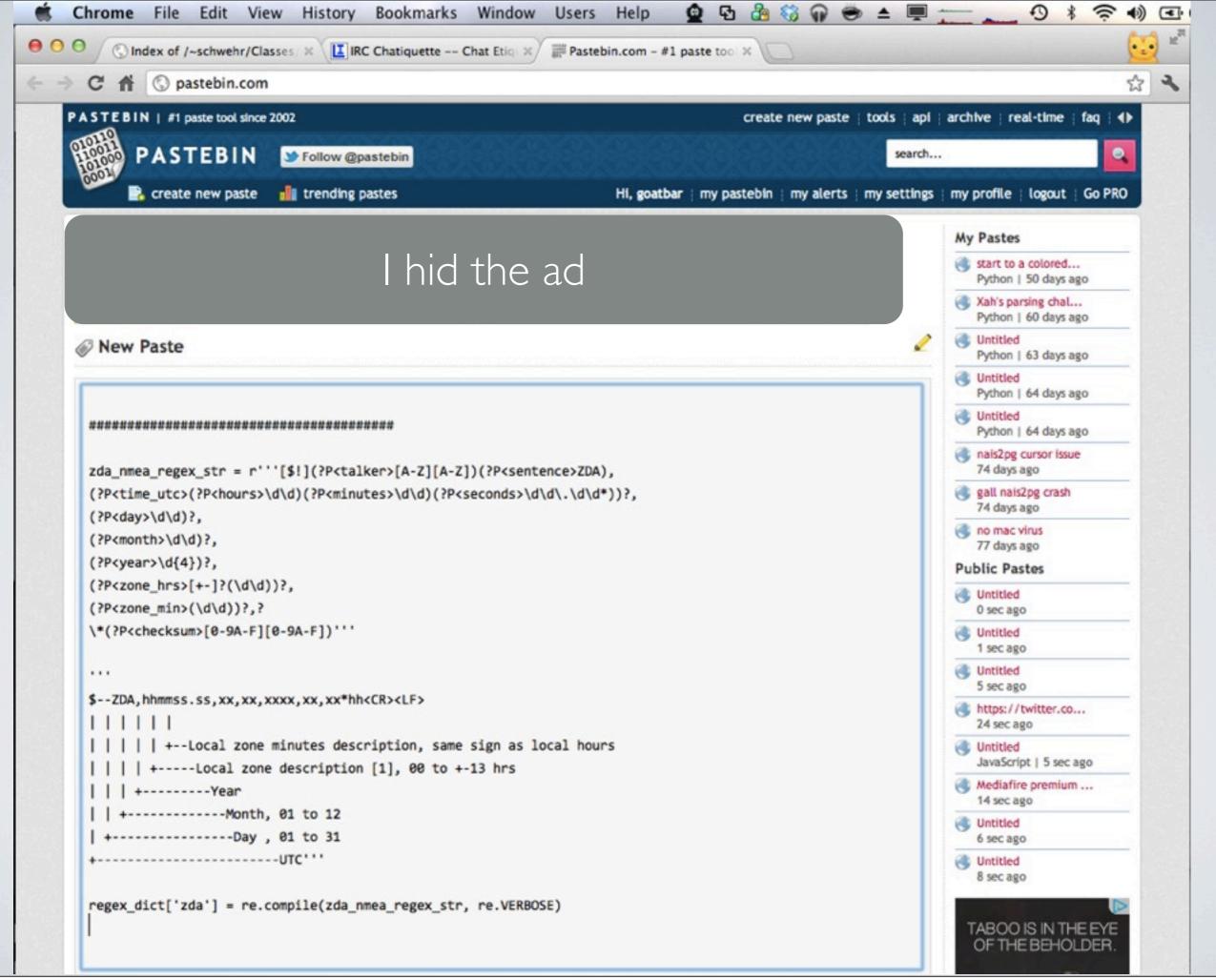
** Too much text for IRC? Use a "paster"

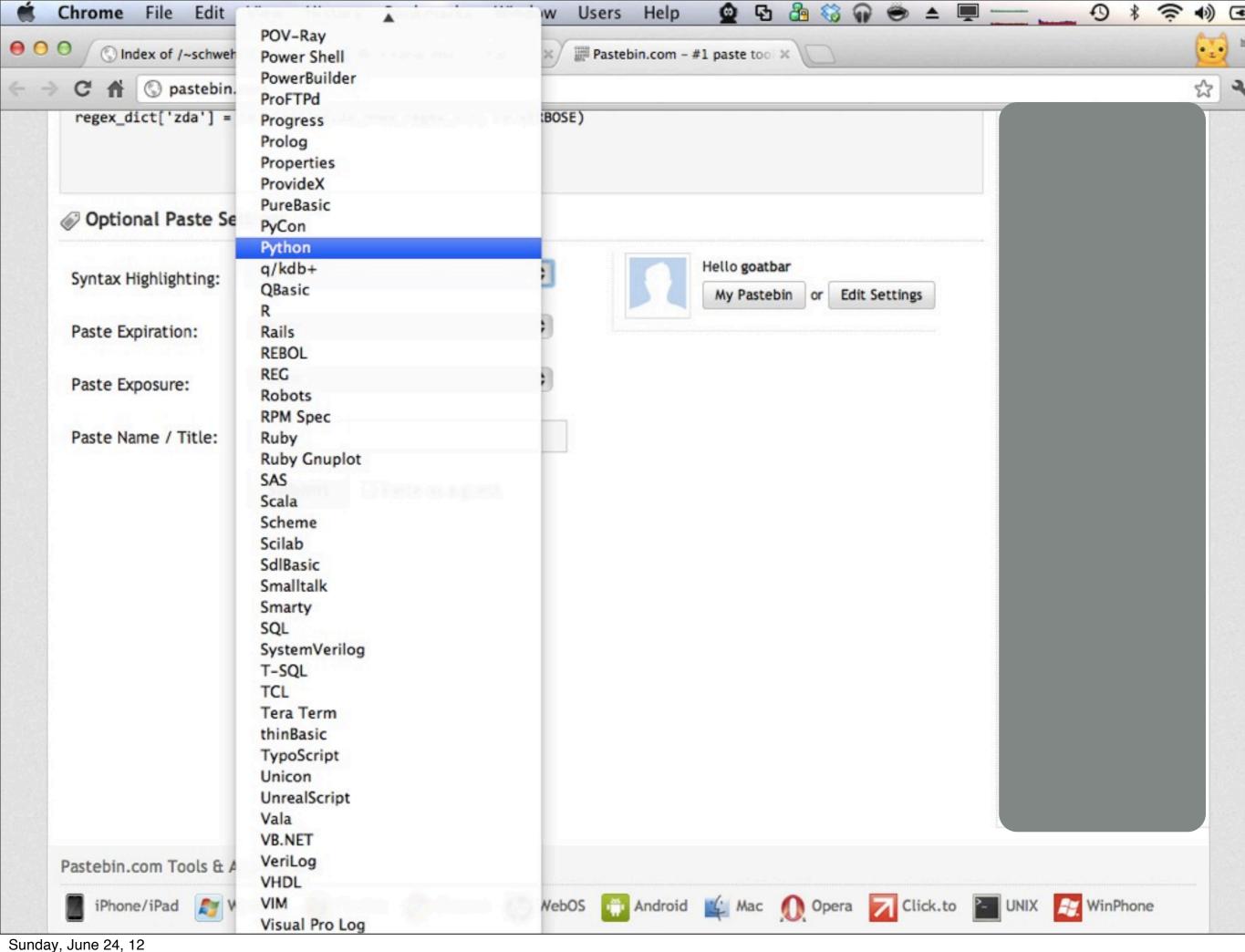
There are many services on the web that let you paste text and share the URL (web address). One I frequently use is http://pastebin.com. You should also consider anything pasted on pastebin as public. Do not paste anything that you would not otherwise tell to anyone. Even if you are not logged in, the IP address (the address of your computer or network router) is logged. You can be found. Don't post anything outside of the CCOM acceptable use policy!!!

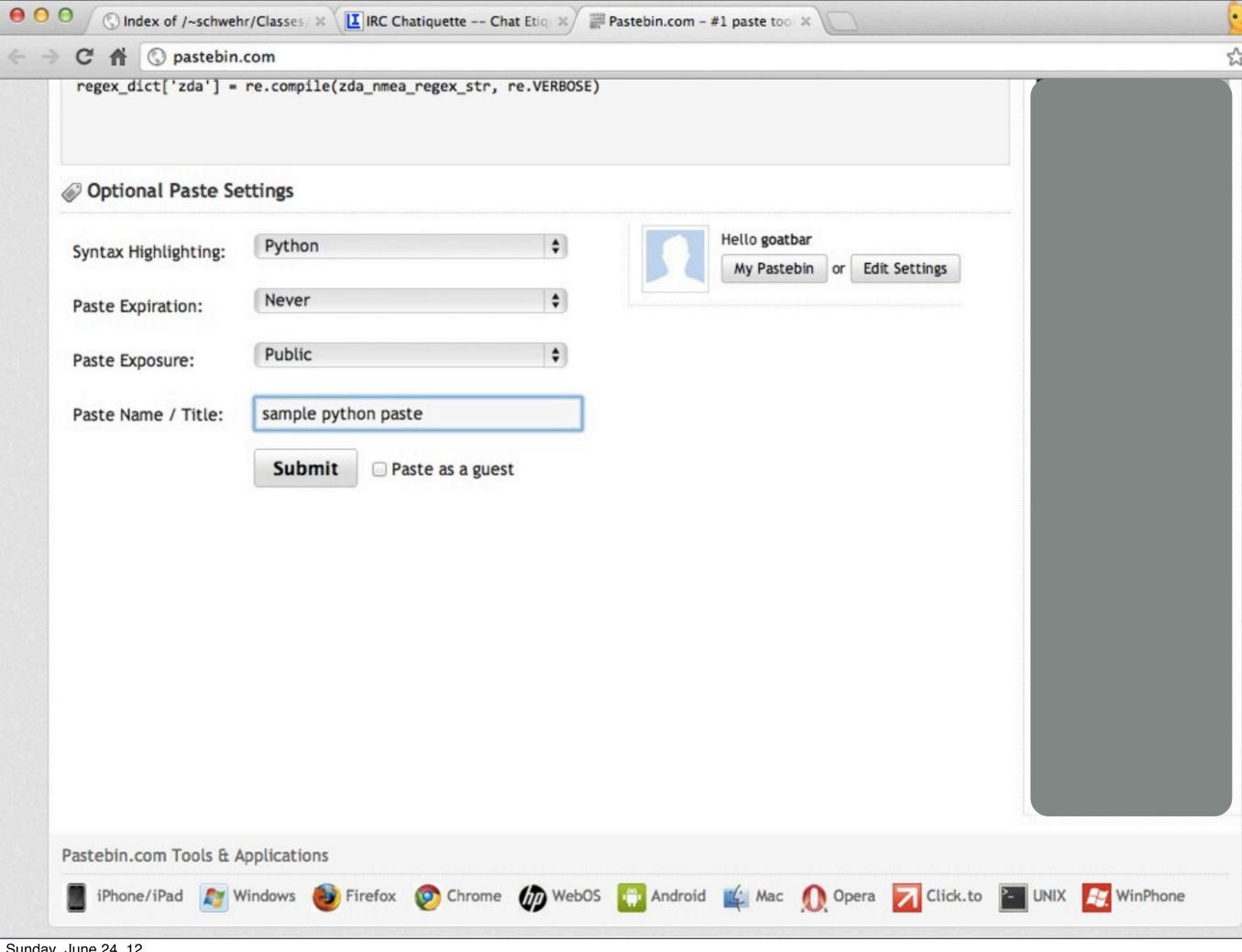
* CCOM Wiki

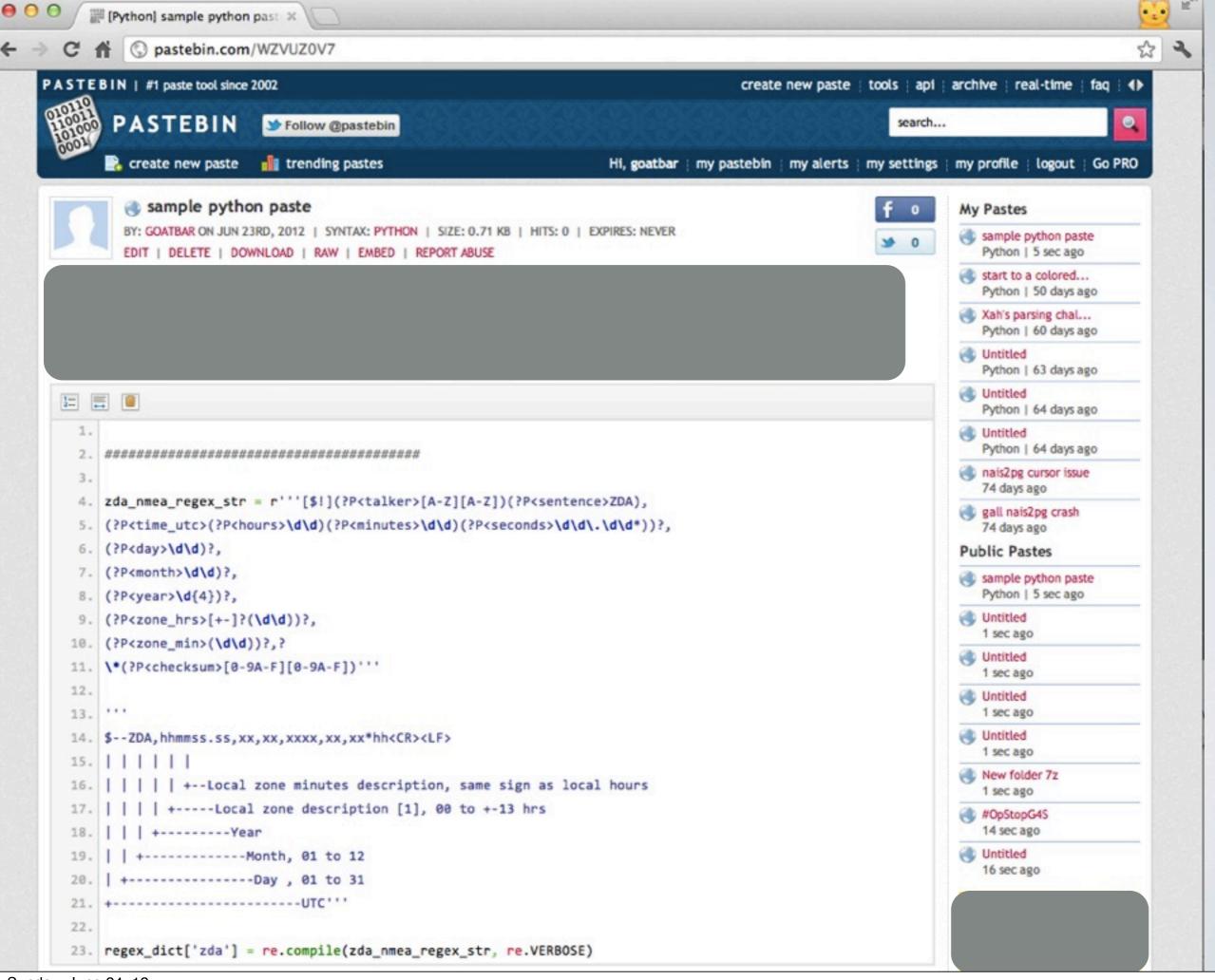
** A look around

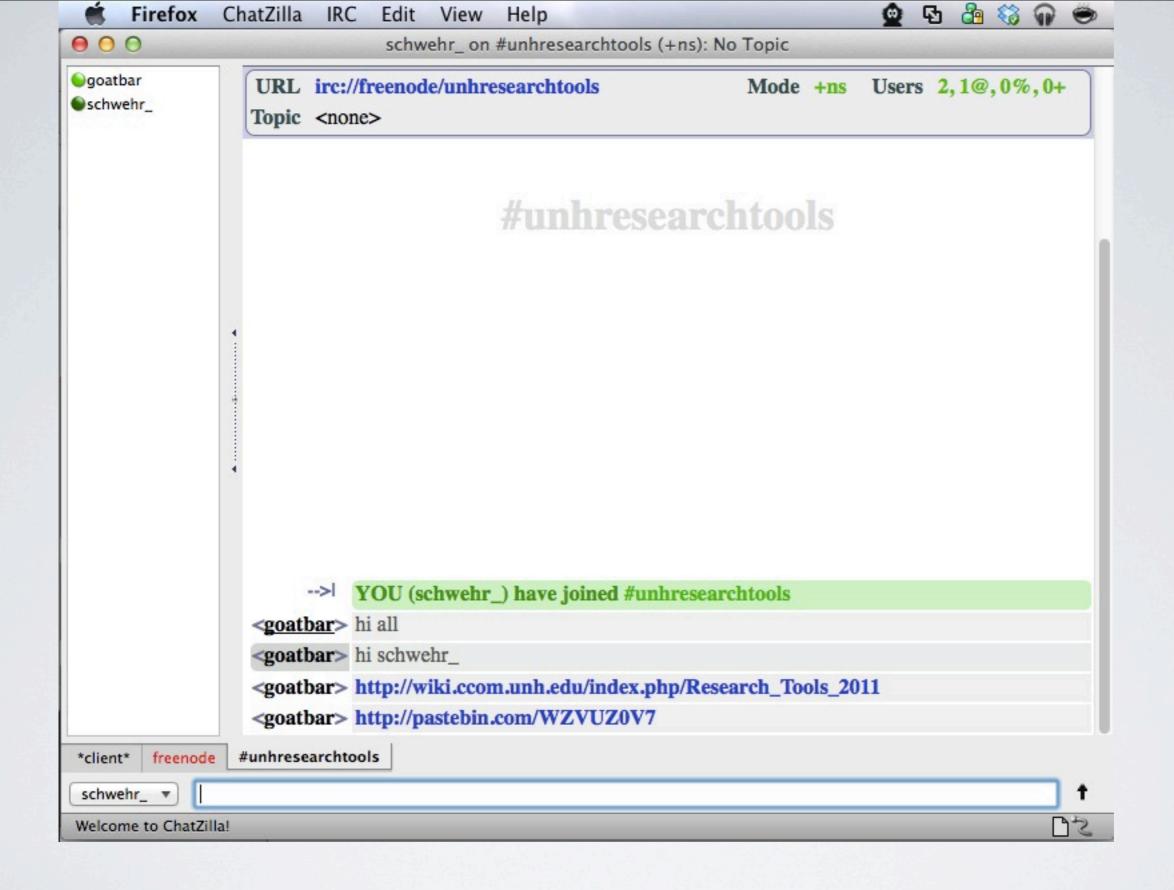
- What kind of material is available on the wiki?
- What are some of the special pages?
- Create an account for yourself. Please *DO NOT* edit without being logged in.
- ** TODO Homework DUE Tuesday Sept 6th <2011-09-06 Tue>
- Create a CCOM user wiki page for yourself. For example:
 - http://wiki.ccom.nh/index.php/User:Schwehr
 - http://wiki.ccom.nh/index.php/User:Ben
- Link that page into the student section of the research tools page.







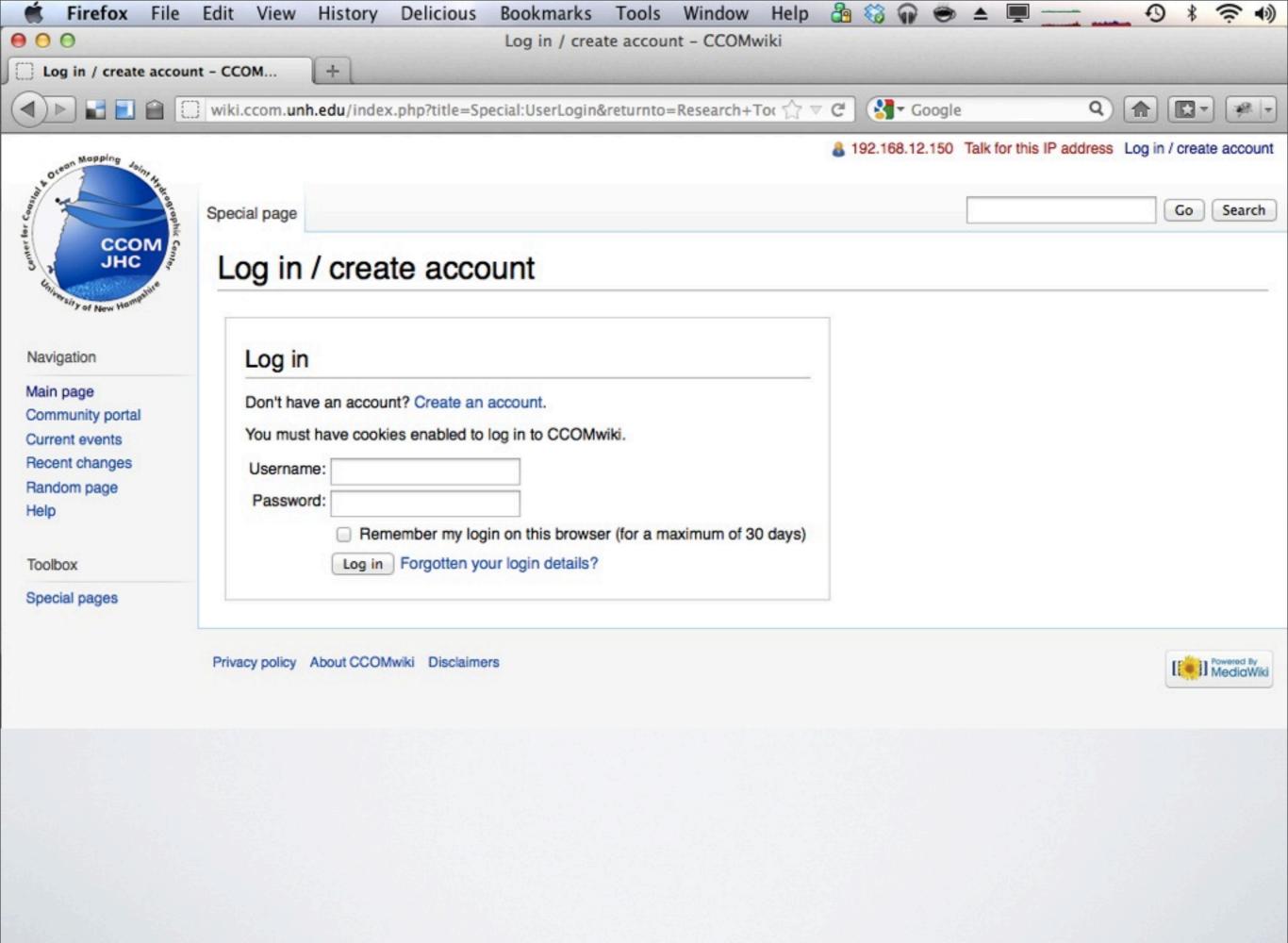


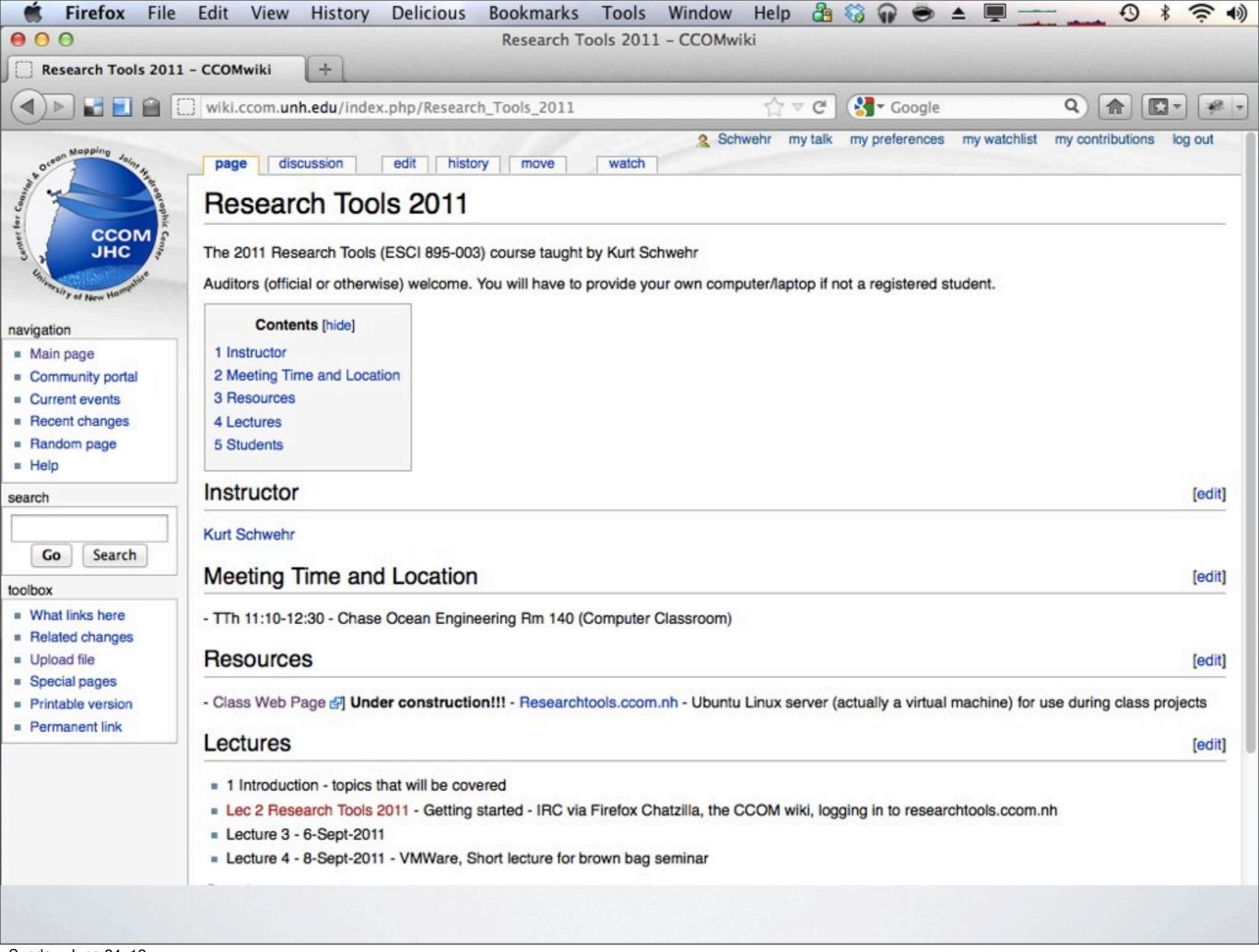


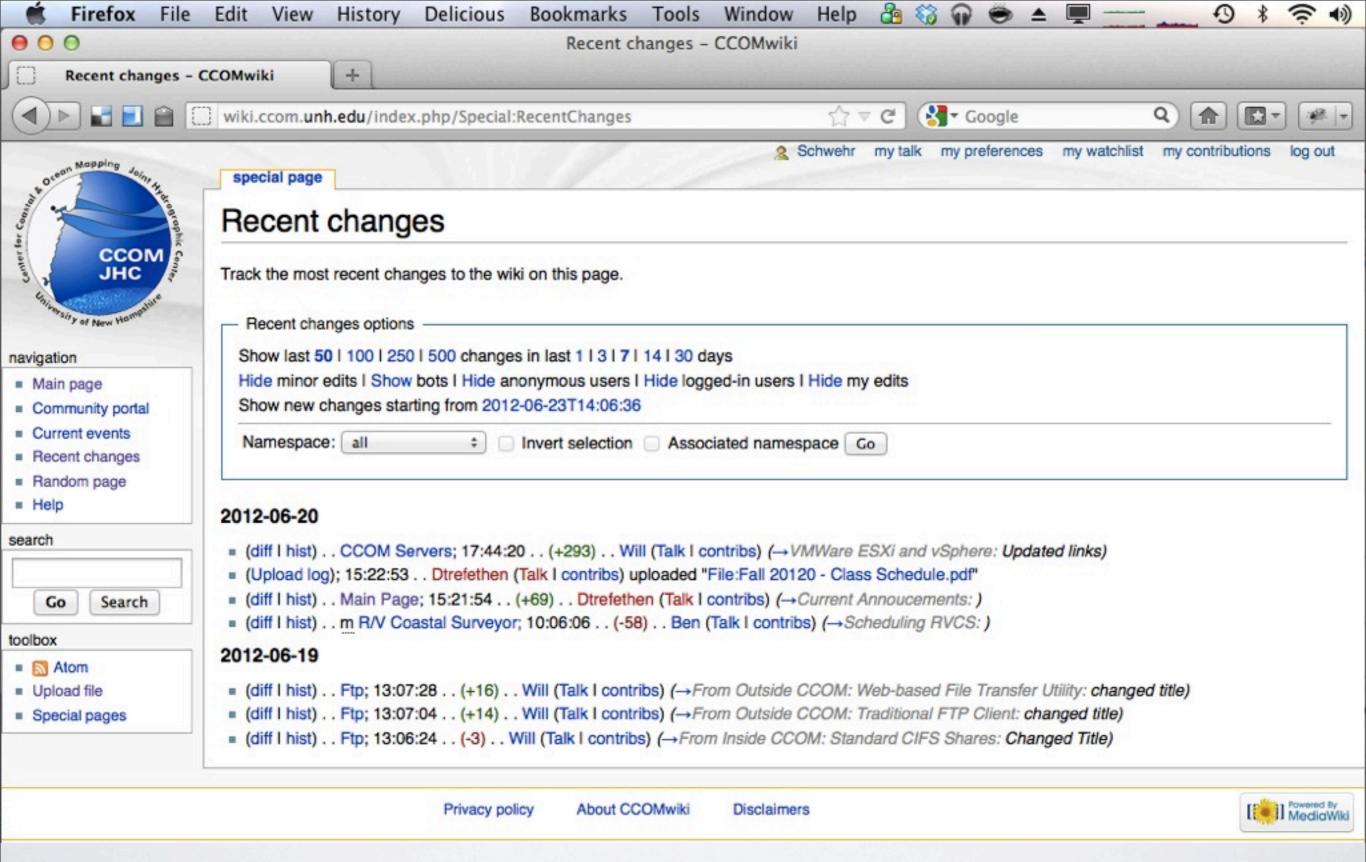
IRC INTRODUCTIONS

I'm leaving out the students' introductions

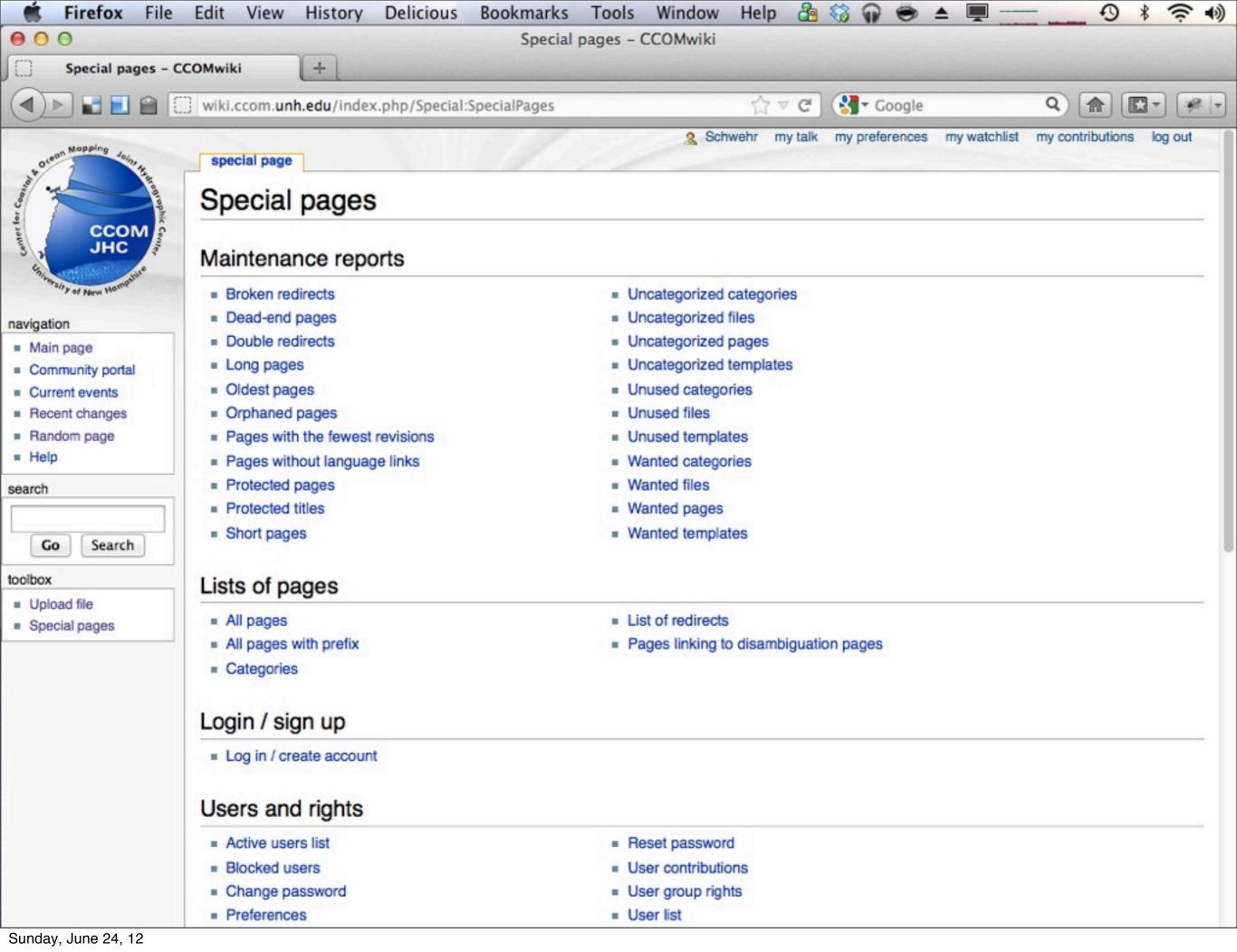


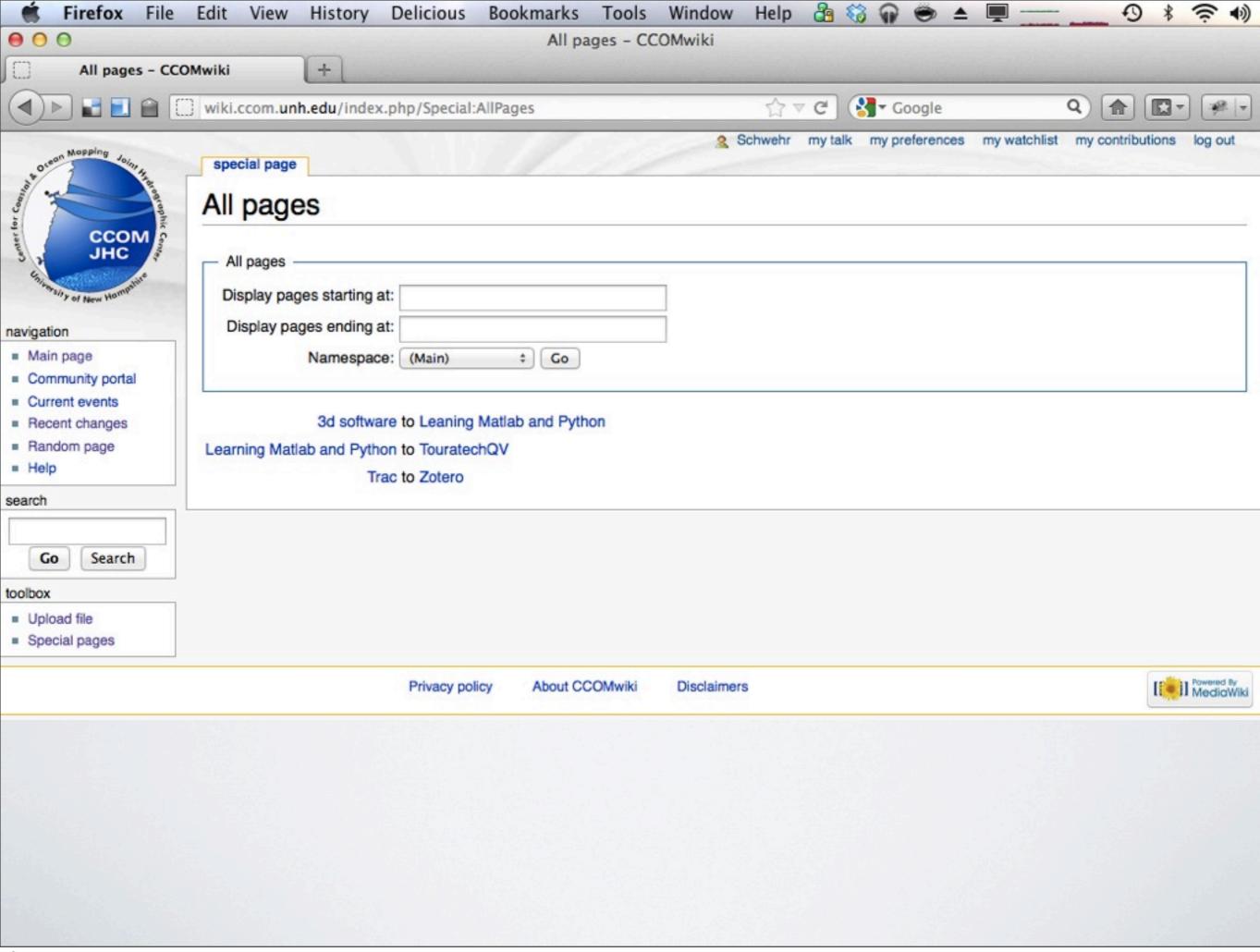


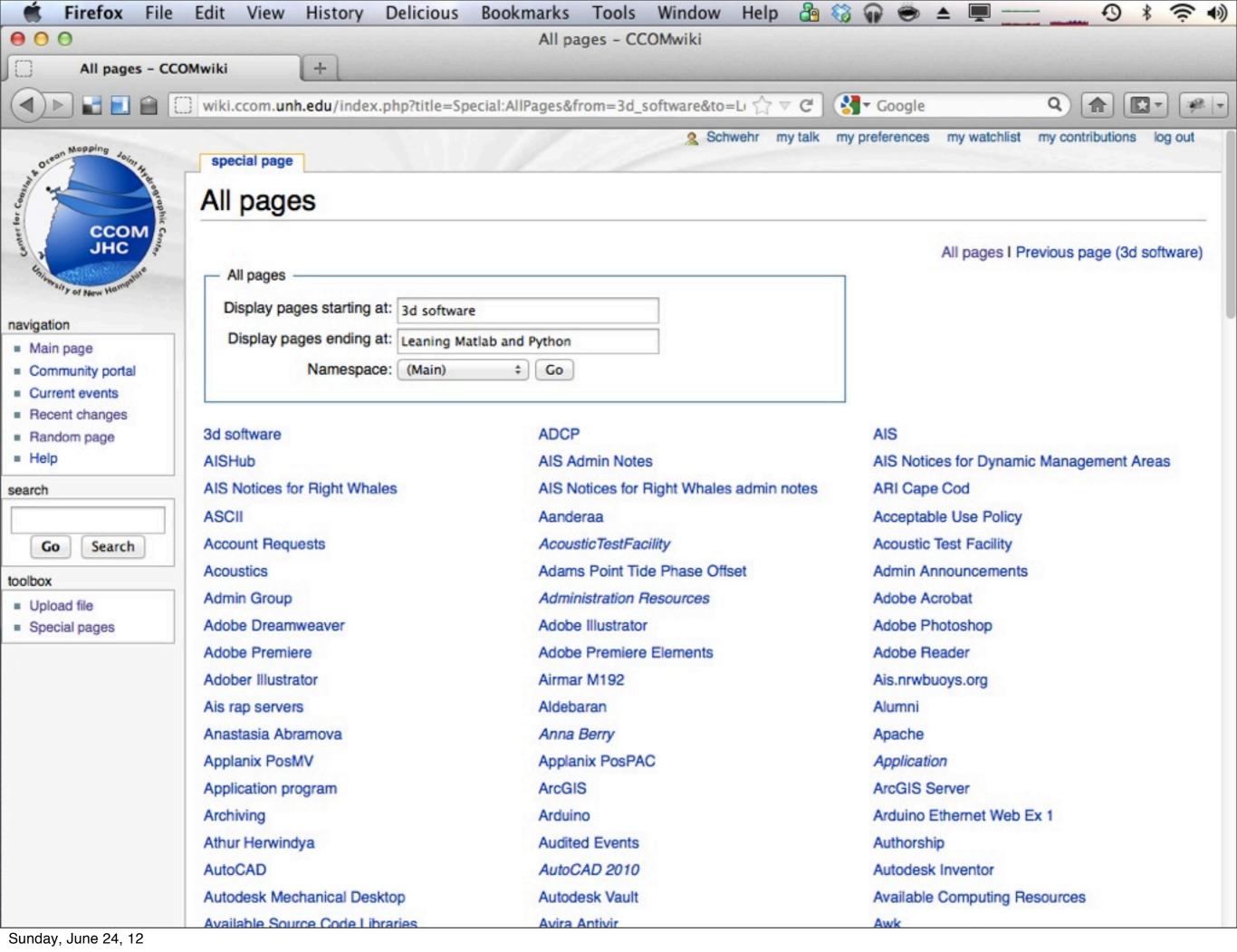


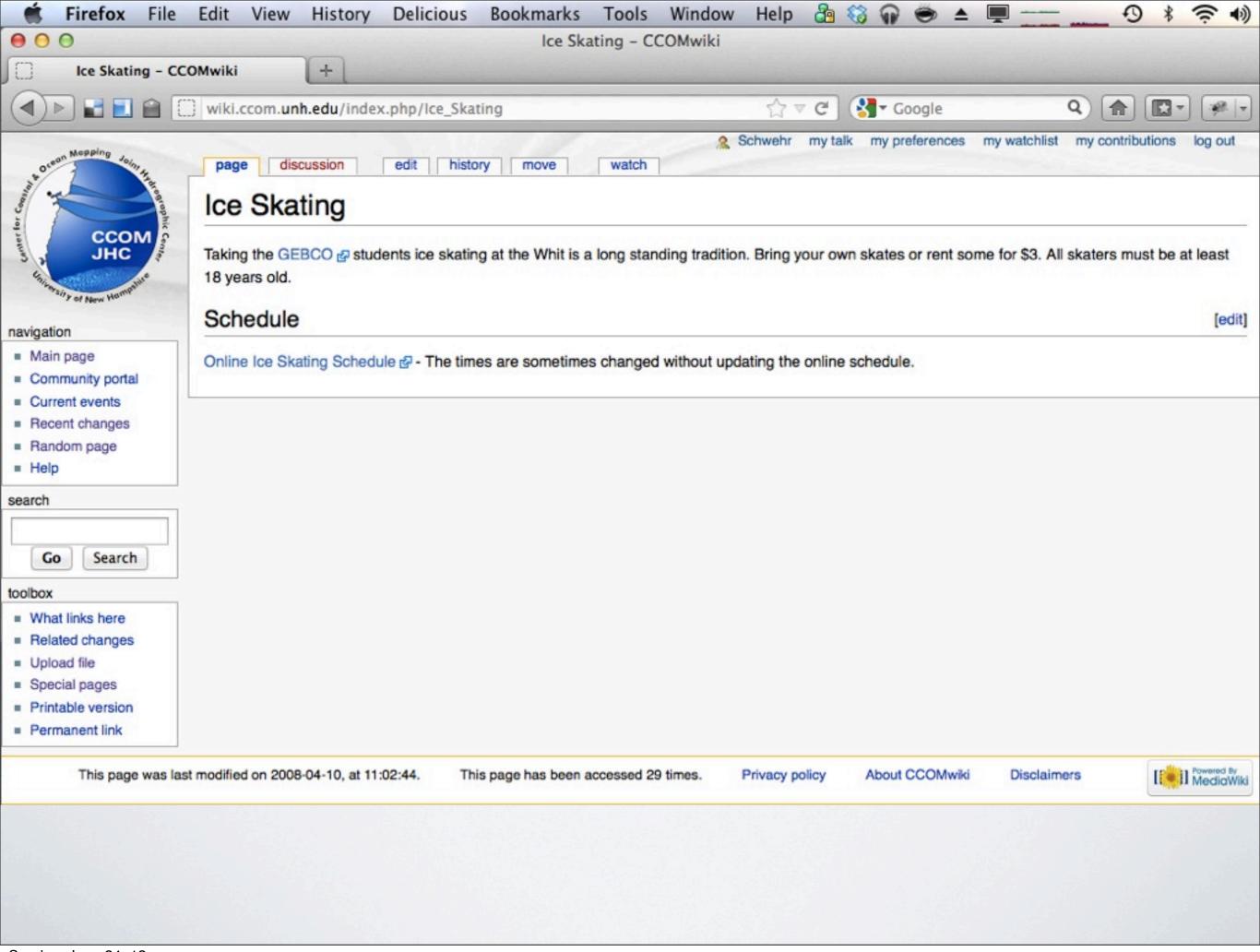


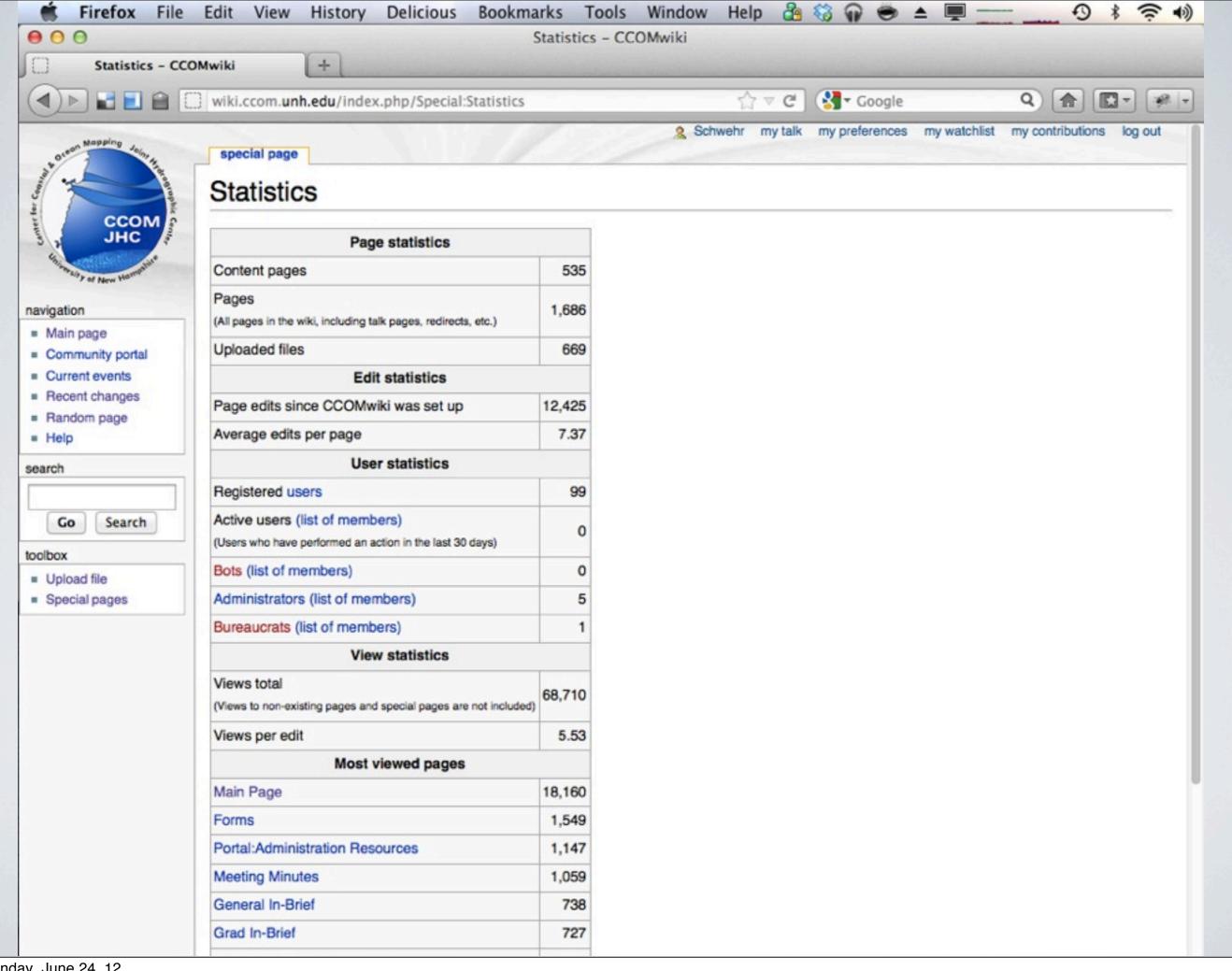
I am now at Google full time, so I have not edited the CCOM wiki in a long time.

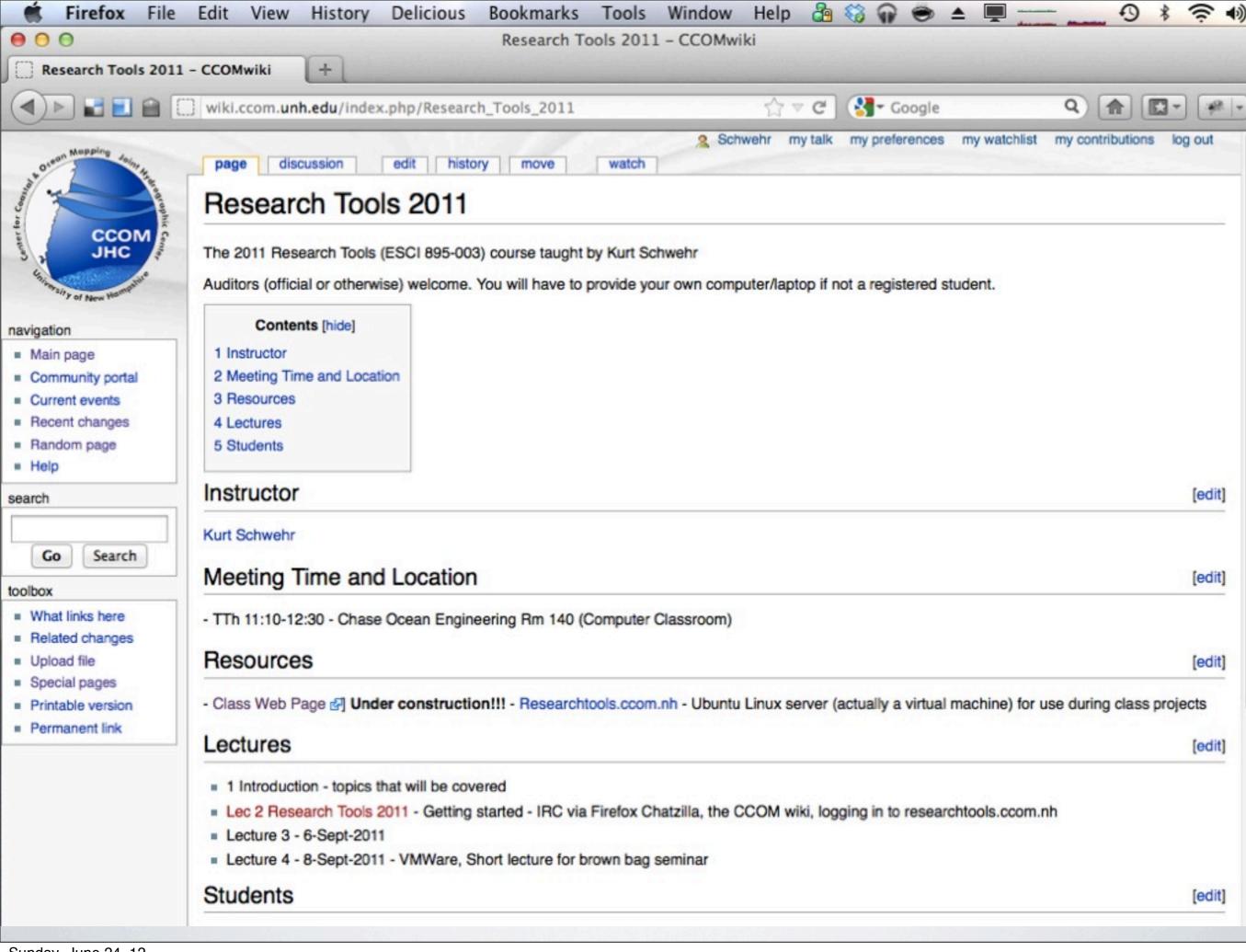


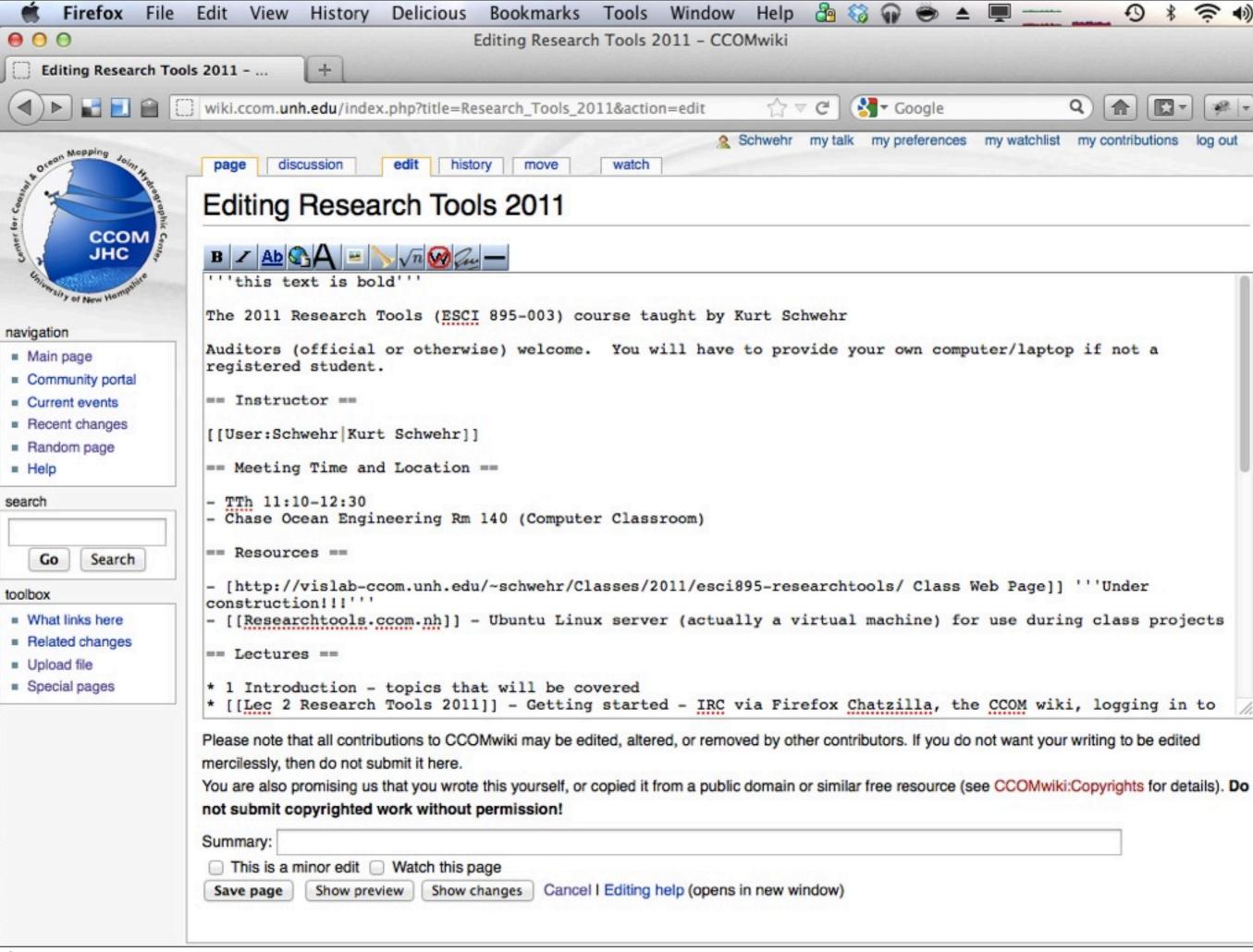


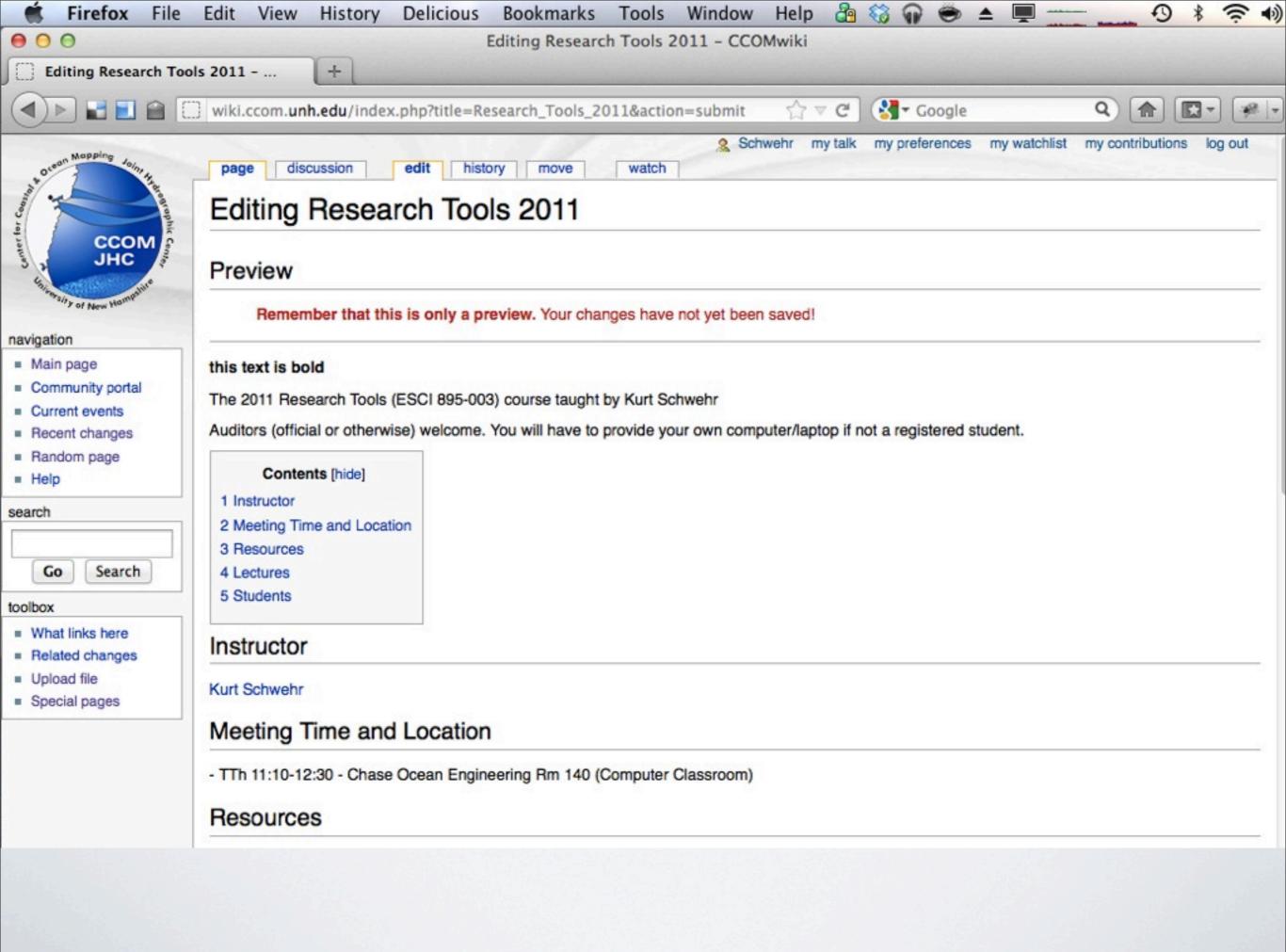


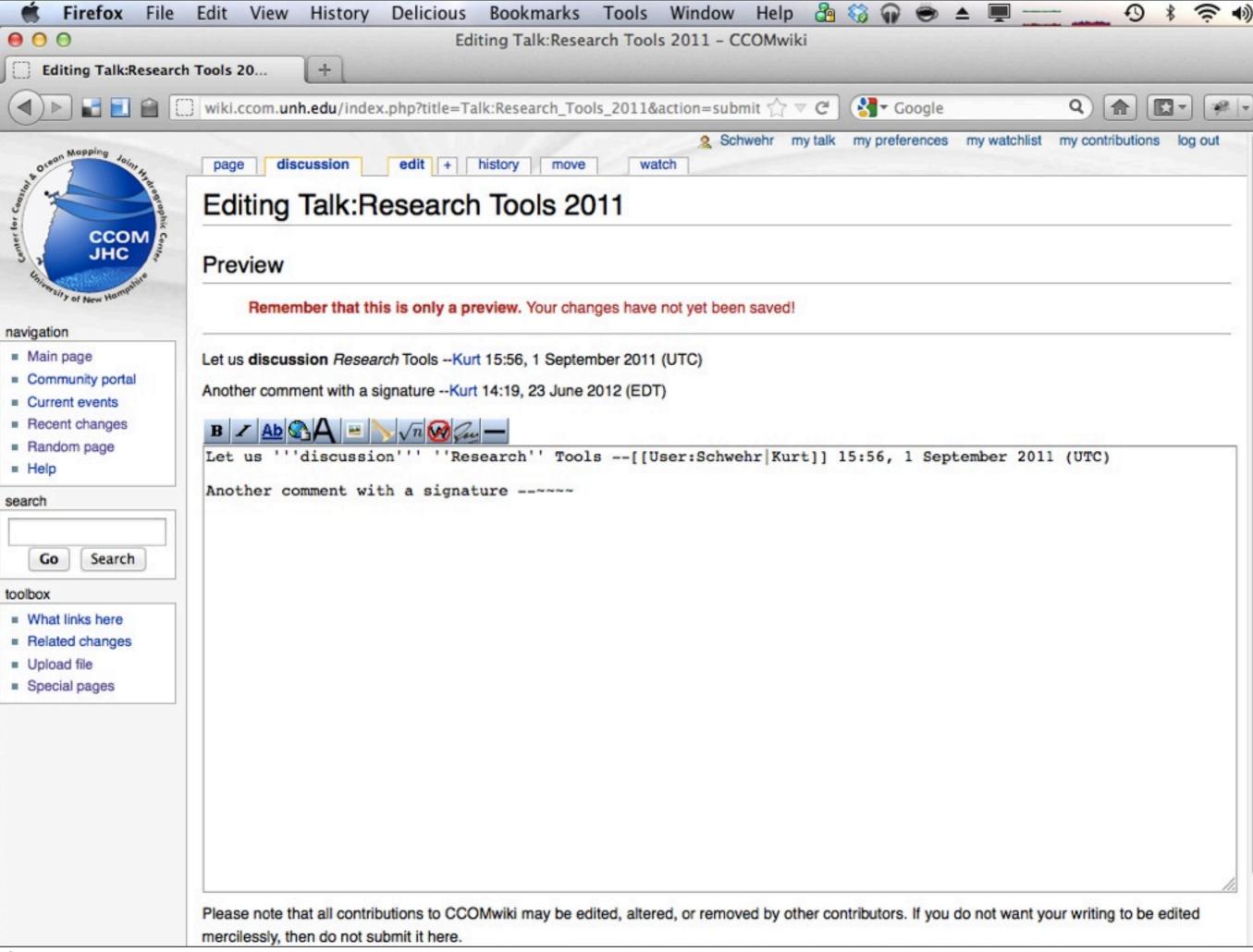


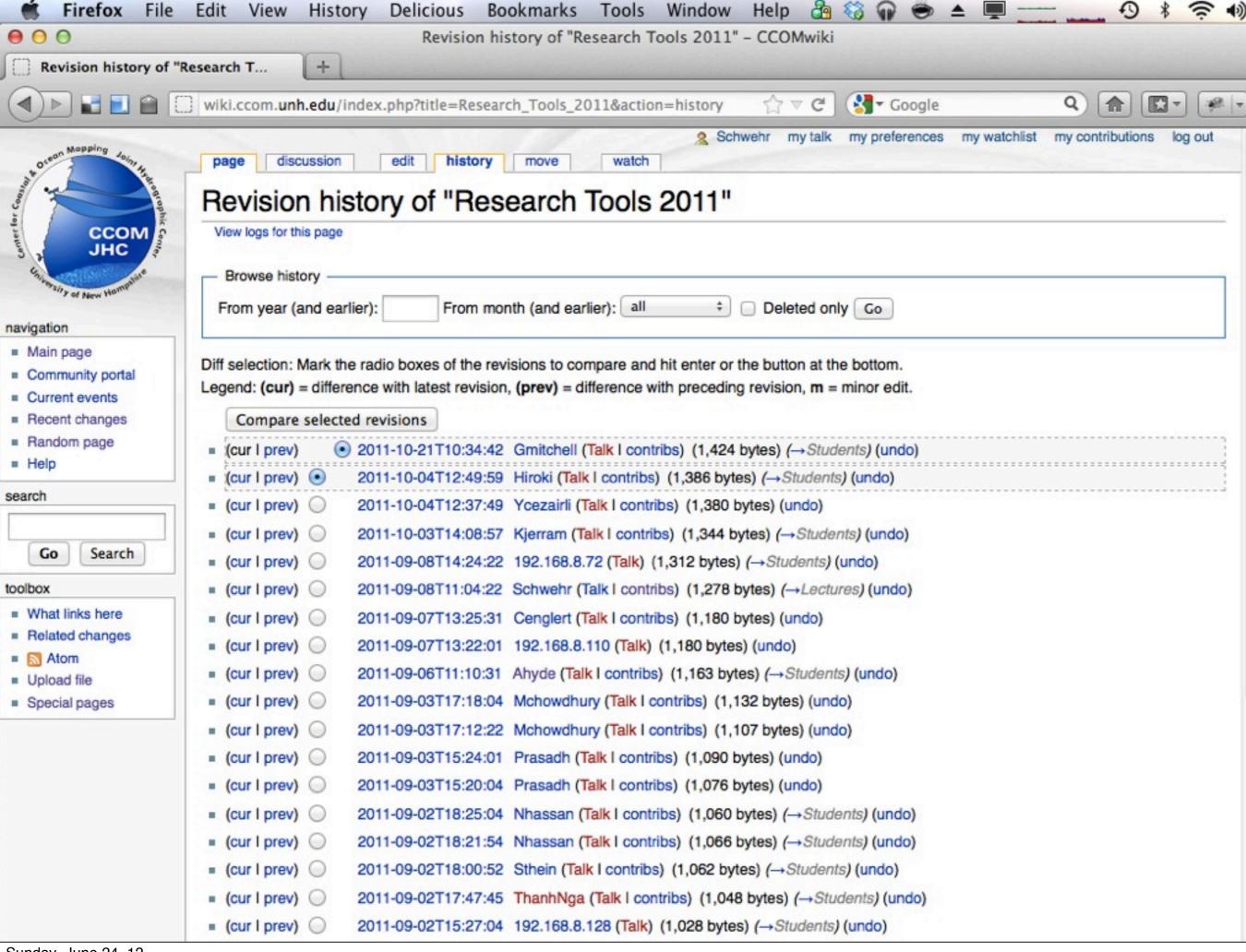


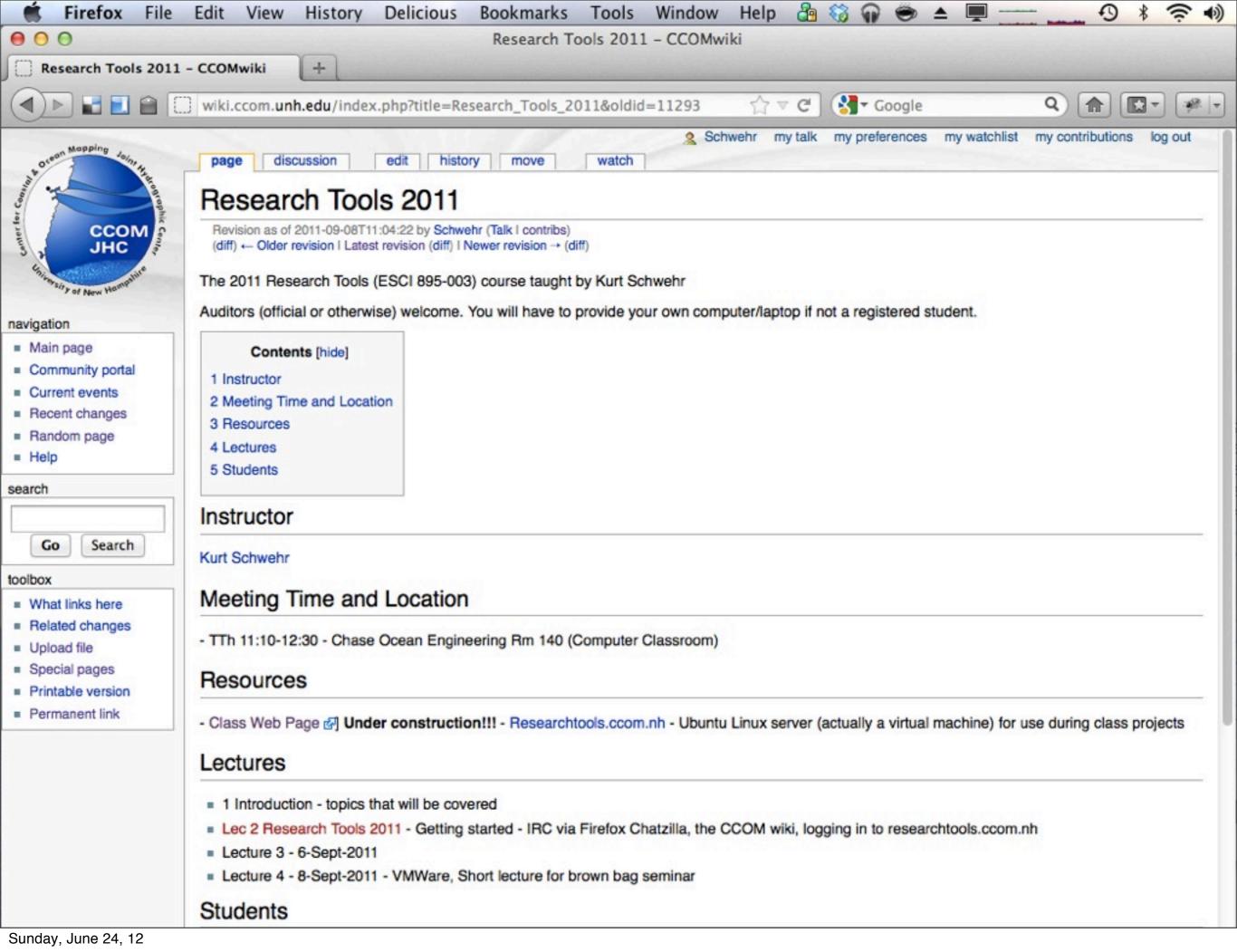




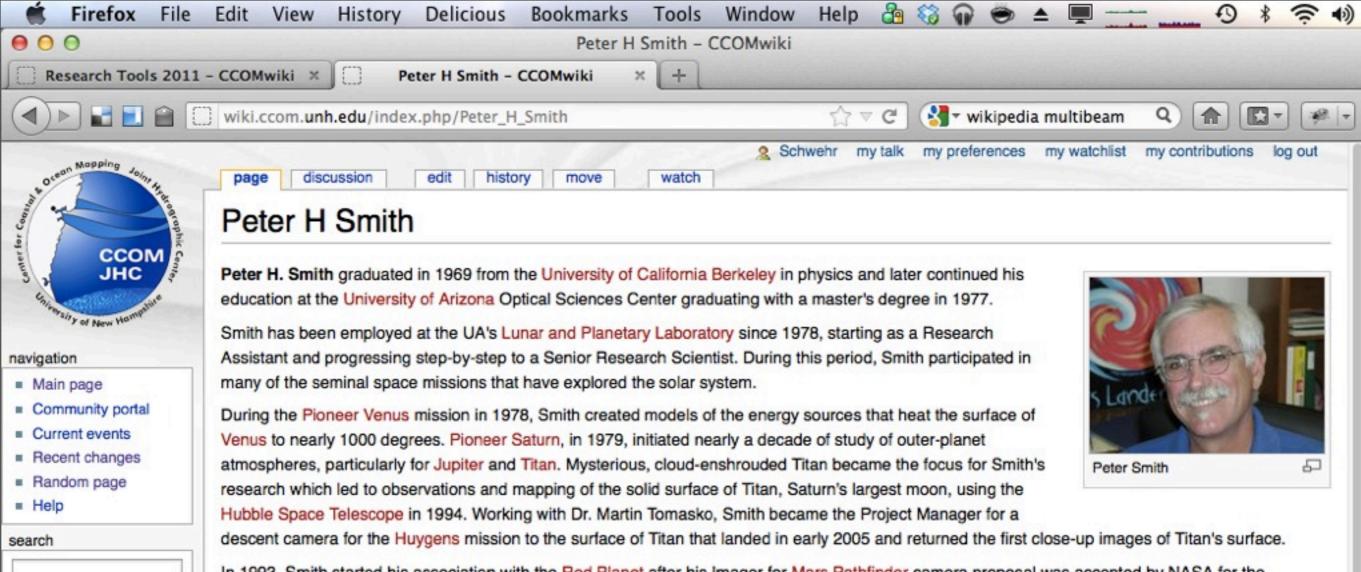












In 1993, Smith started his association with the Red Planet after his Imager for Mars Pathfinder camera proposal was accepted by NASA for the Pathfinder mission. As the first lander to reach Mars since the two Viking missions in 1976, there was tremendous public interest as the camera returned the first images from the Martian surface on July 4, 1997. Day-by-day images of the alien landscape explored by the Sojourner Rover were featured on the front pages of newspapers and on the TV news networks. Since then Smith has built cameras for the Mars Polar Lander mission that crashed on the Martian surface in December 1999. Later, the 2001 Surveyor mission was cancelled because of the loss of Mars Polar Lander, grounding more UA-built cameras.

Despite these setbacks, Smith has continued to associate with Mars missions and is serving on the science team for the Mars Exploration Rovers that landed in January 2004. He also helped build the microscope for Beagle 2, a European lander that failed to return data upon its arrival to Mars in December 2003. Smith spent nearly two years managing the building of the 2005 Mars Reconnaissance Orbiter HiRISE camera for which Dr. Alfred McEwen of the UA is the Principal Investigator.

In fall 2003, after one and a half years of proposal development, Smith's Phoenix project was selected as the first Scout mission to Mars after a competitive NASA selection process. The Phoenix mission is valued at \$420 million, and Smith is fully responsible for all aspects of the mission. The spacecraft launched August 4, 2007, and will land in the northern polar region of Mars on May 25, 2008. The lander will conduct science experiments for 3 to 5 months as part of NASA's search for life in our solar system. The Phoenix name recalls the mythological bird that rises from the ashes of his predecessor. The Phoenix mission uses the mothballed 2001 lander with instruments delivered for both that mission and the failed Polar Lander mission.

External Links

Go

What links here

Related changes

Upload file

Special pages

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Permanent link

toolbox

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PuTTY: A Free Telnet/SSH Client

Mirrors | Updates | Feedback | Changes | Wishlist | Team

PuTTY is a free implementation of Telnet and SSH for Windows and Unix platforms, along with an xterm terminal emulator. It is written and maintained primarily by Simon Tatham.

The latest version is beta 0.62.

LEGAL WARNING: Use of Putty, PSCP, PSFTP and Plink is illegal in countries where encryption is outlawed. I believe it is legal to use Putty, PSCP, PSFTP and Plink in England and Wales and in many other countries, but I am not a lawyer and so if in doubt you should seek legal advice before downloading it. You may find this site useful (it's a survey of cryptography laws in many countries) but I can't vouch for its correctness.

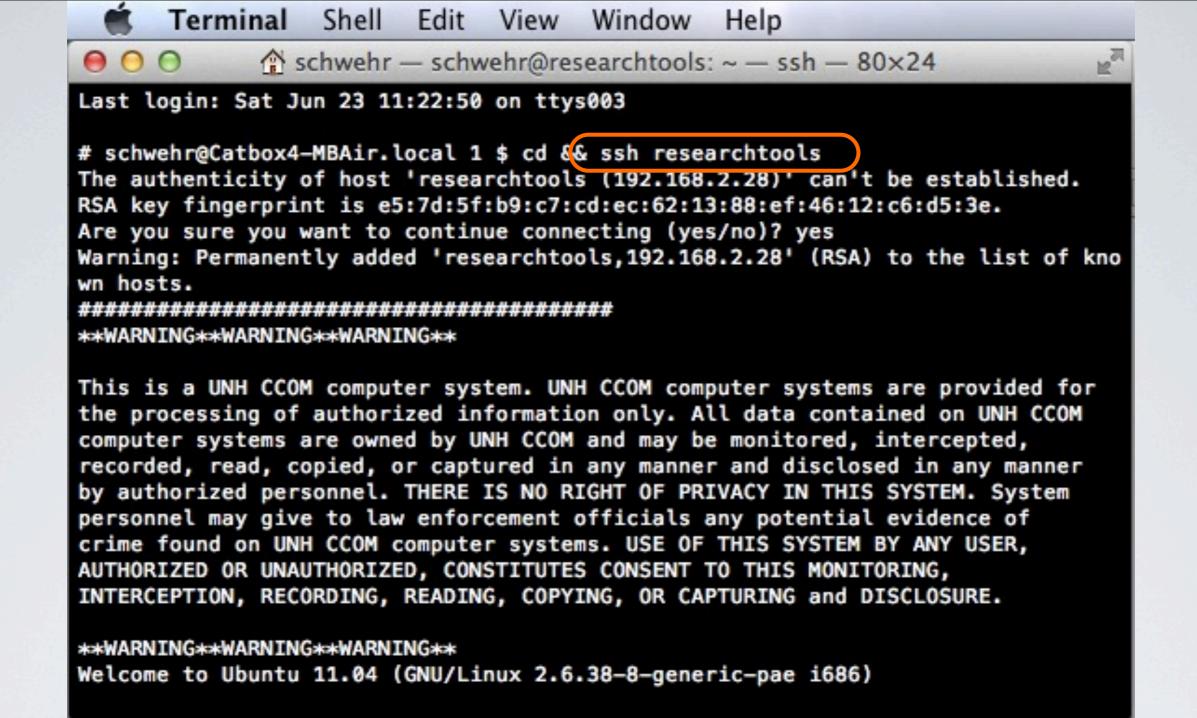
Use of the Telnet-only binary (PuTTYtel) is unrestricted by any cryptography laws.

Latest news

2011-12-10 PuTTY 0.62 released

PuTTY 0.62 is out, containing only bug fixes from 0.61, in particular a security fix preventing passwords from being accidentally retained in memory.

Putty for ssh on MS Windows connect using ssh to researchtools.ccom.nh This only works at CCOM



NEVER USE TELNET

I am using the Mac Terminal here instead of Putty on MS Windows. ssh in the Terminal works in a similar way

Terminal Shell Edit View Window Help



schwehr - schwehr@researchtools: ~ - ssh - 80×24



by authorized personnel. THERE IS NO RIGHT OF PRIVACY IN THIS SYSTEM. System personnel may give to law enforcement officials any potential evidence of crime found on UNH CCOM computer systems. USE OF THIS SYSTEM BY ANY USER, AUTHORIZED OR UNAUTHORIZED, CONSTITUTES CONSENT TO THIS MONITORING, INTERCEPTION, RECORDING, READING, COPYING, OR CAPTURING and DISCLOSURE.

WARNINGWARNING**

Welcome to Ubuntu 11.04 (GNU/Linux 2.6.38-8-generic-pae i686)

* Documentation: https://help.ubuntu.com/

System information as of Sat Jun 23 14:25:37 EDT 2012

System load: 0.0 Processes: 93

Usage of /home: 1.5% of 21.54GB Users logged in: 0

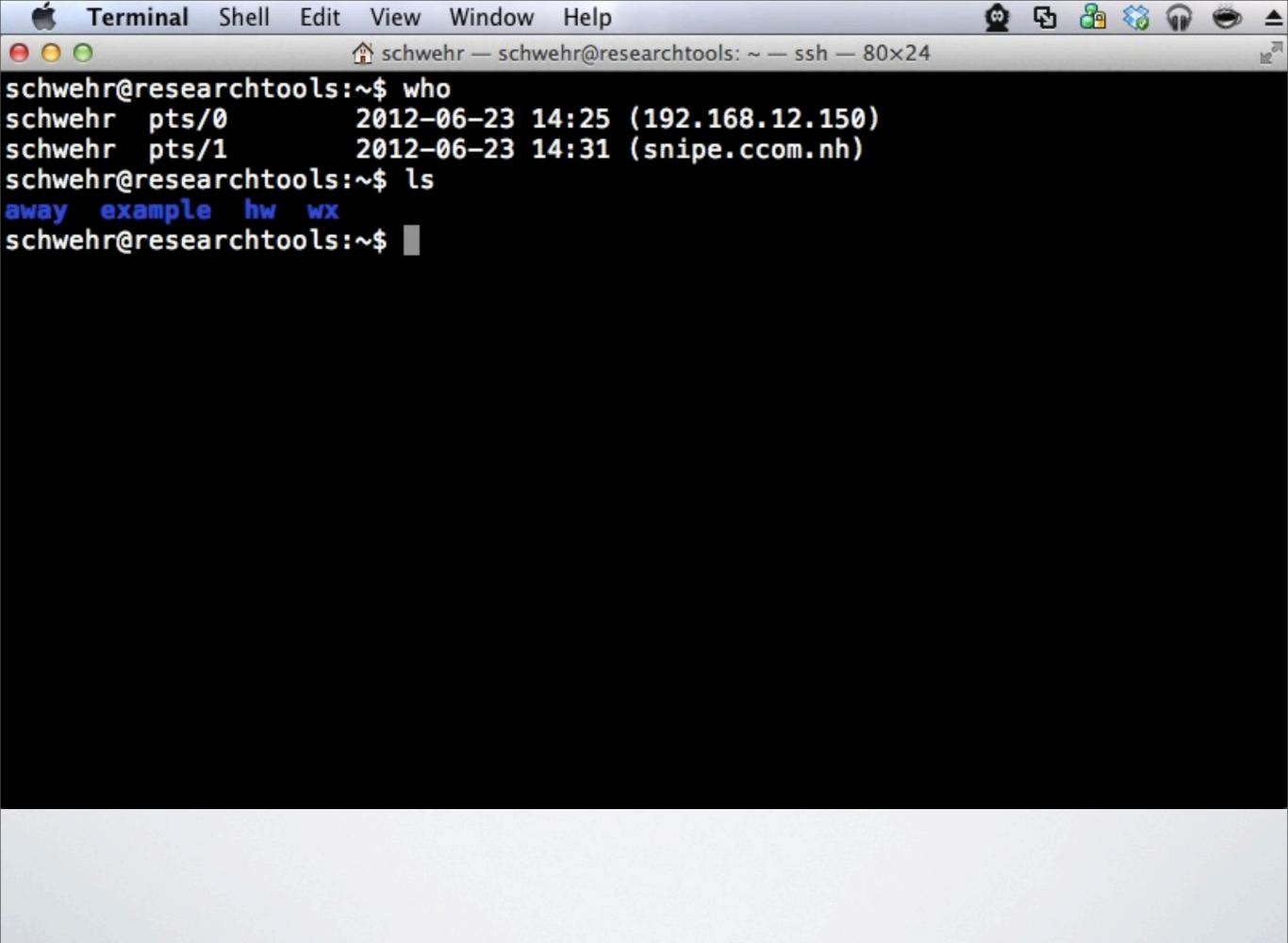
Memory usage: 53% IP address for eth0: 192.168.2.28

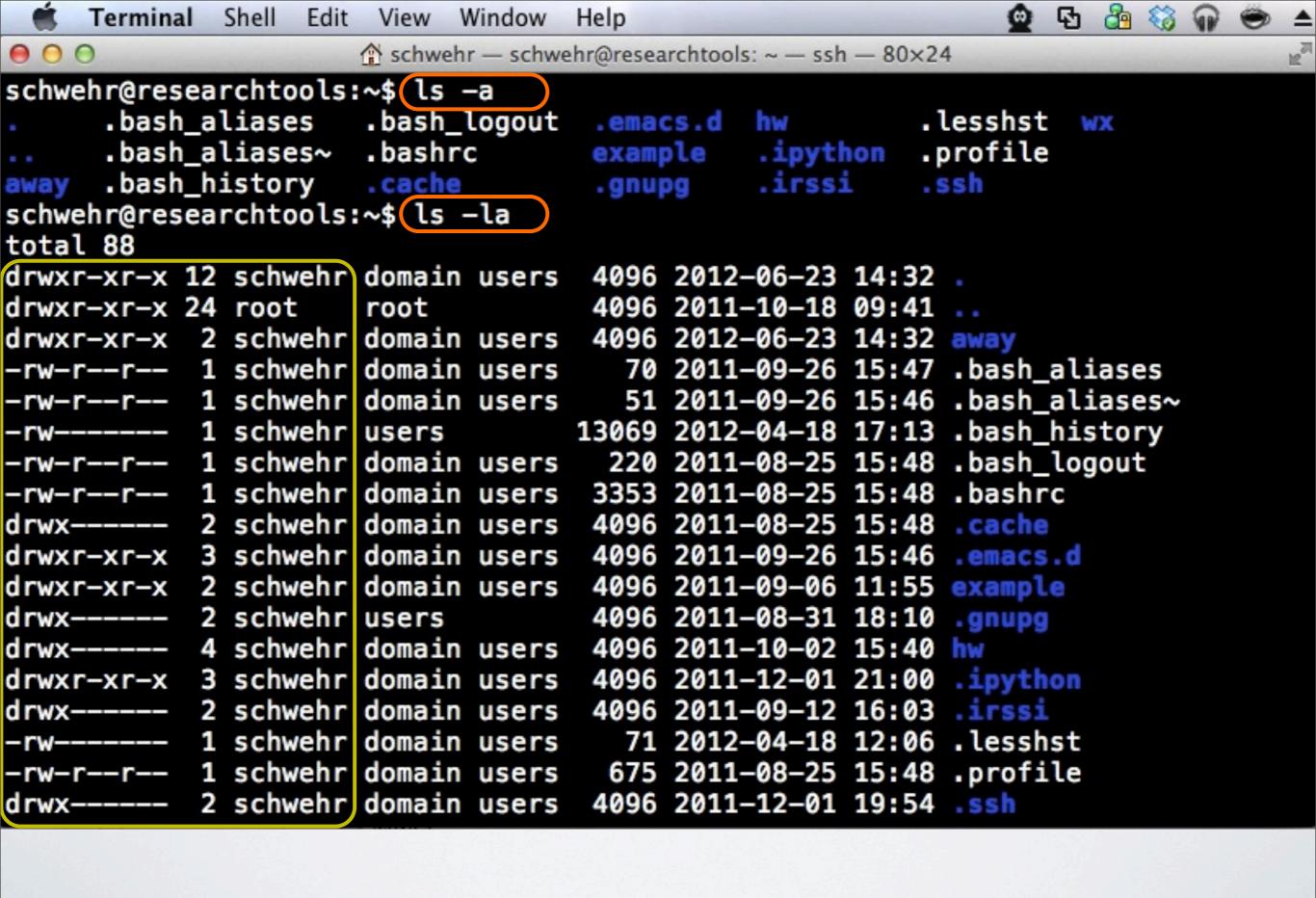
Swap usage: 0%

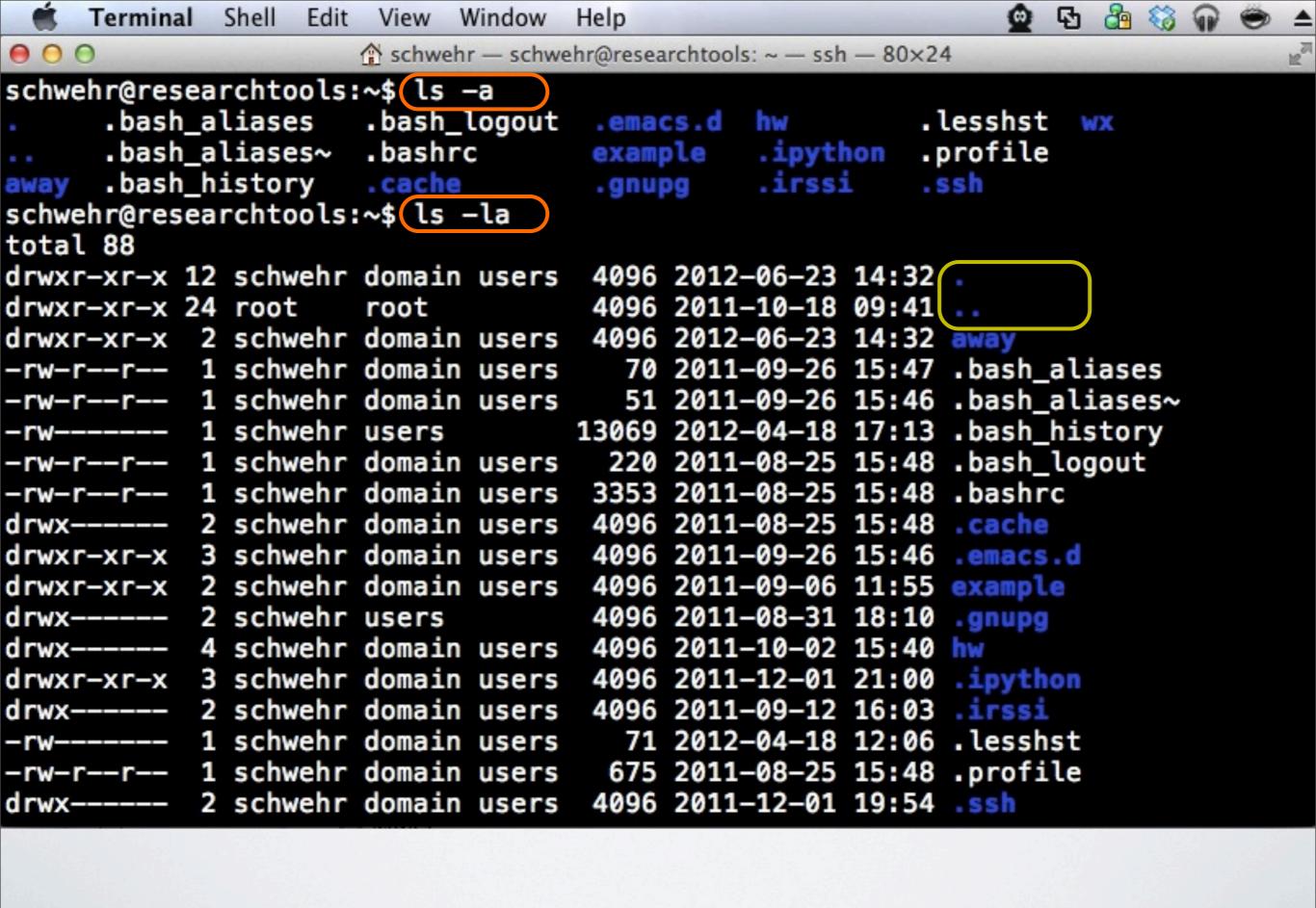
Graph this data and manage this system at https://landscape.canonical.com/ New release 'oneiric' available.

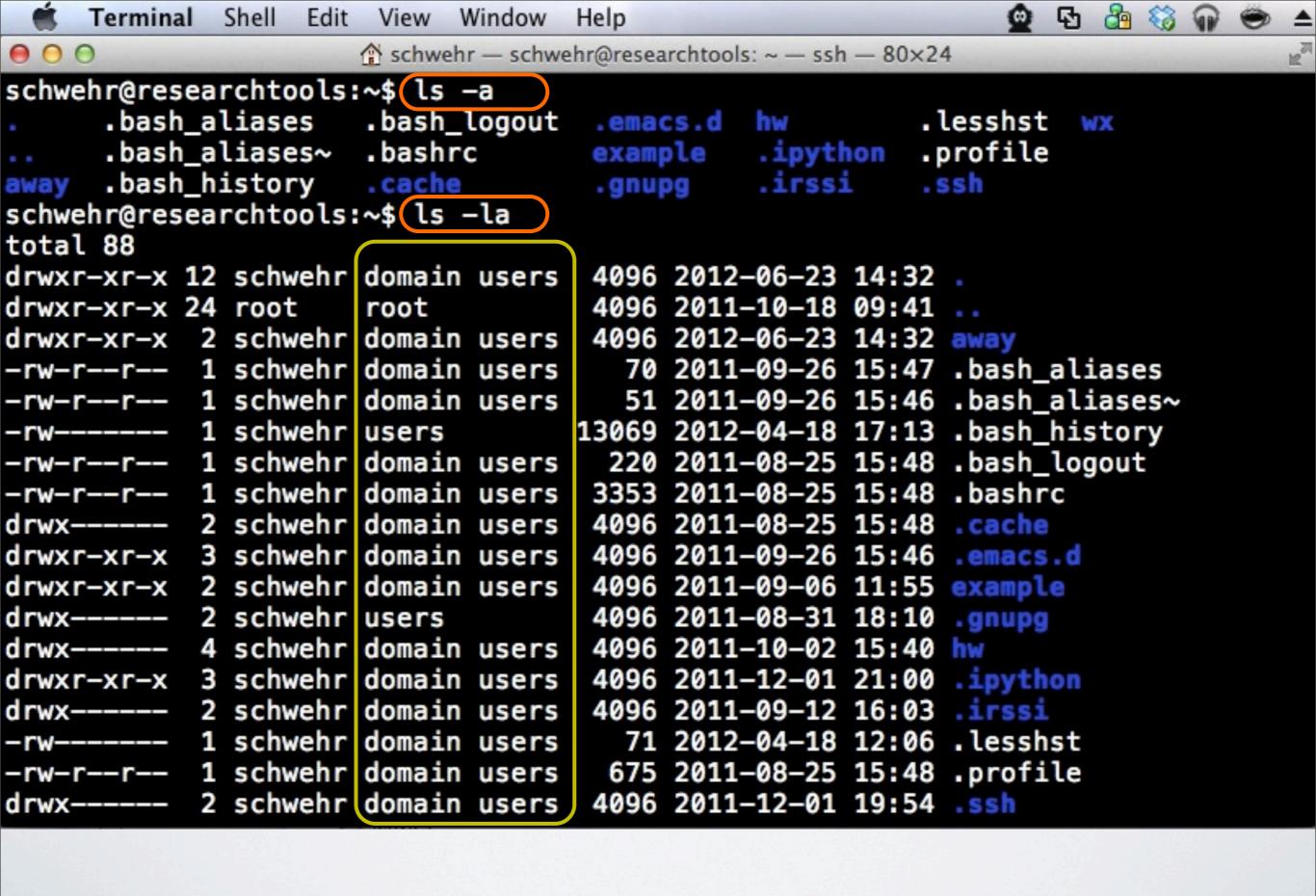
Run 'do-release-upgrade' to upgrade to it.

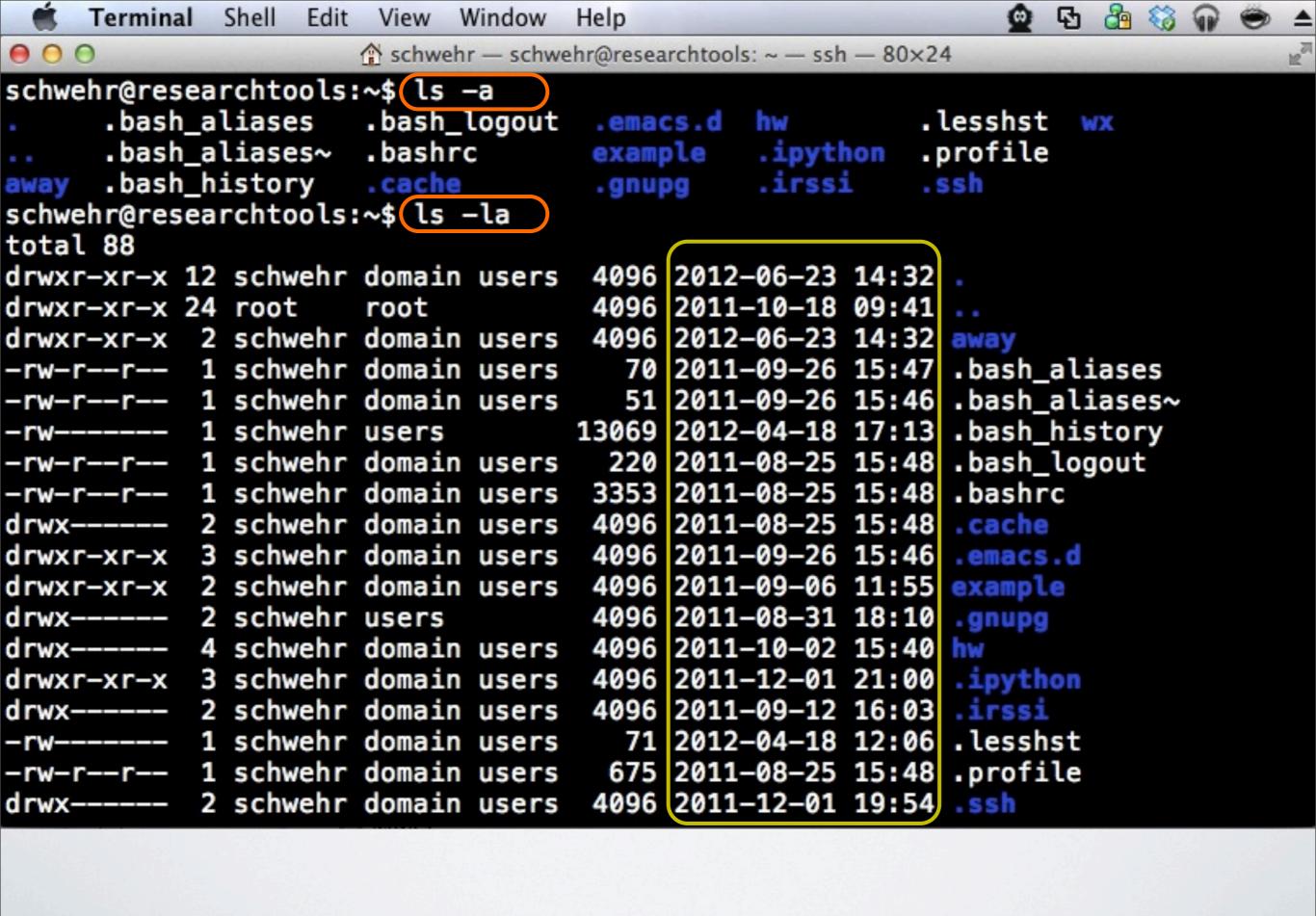
Last login: Wed Apr 18 12:02:42 2012 from crabeater.ccom.nh schwehr@researchtools:~\$

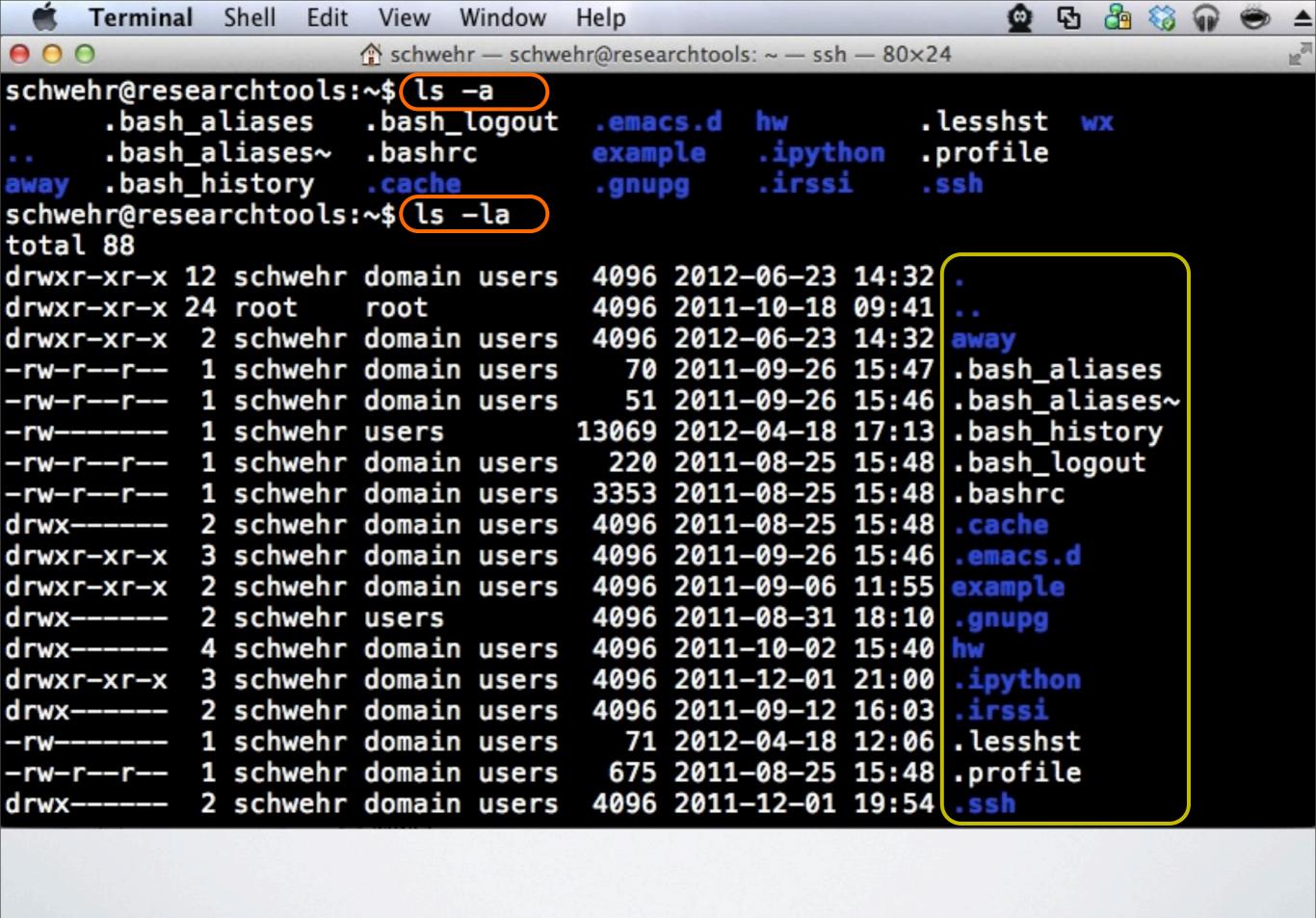


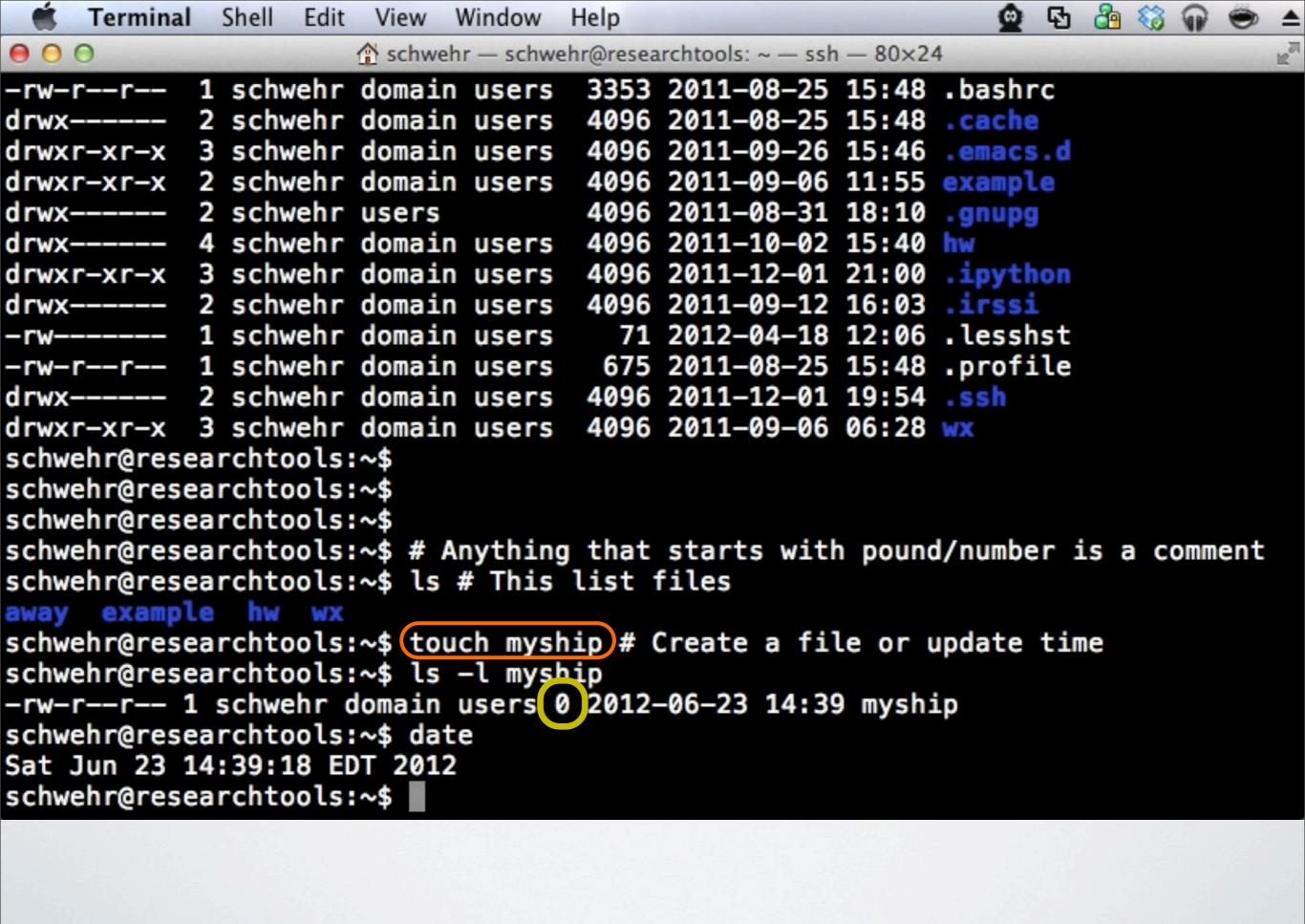


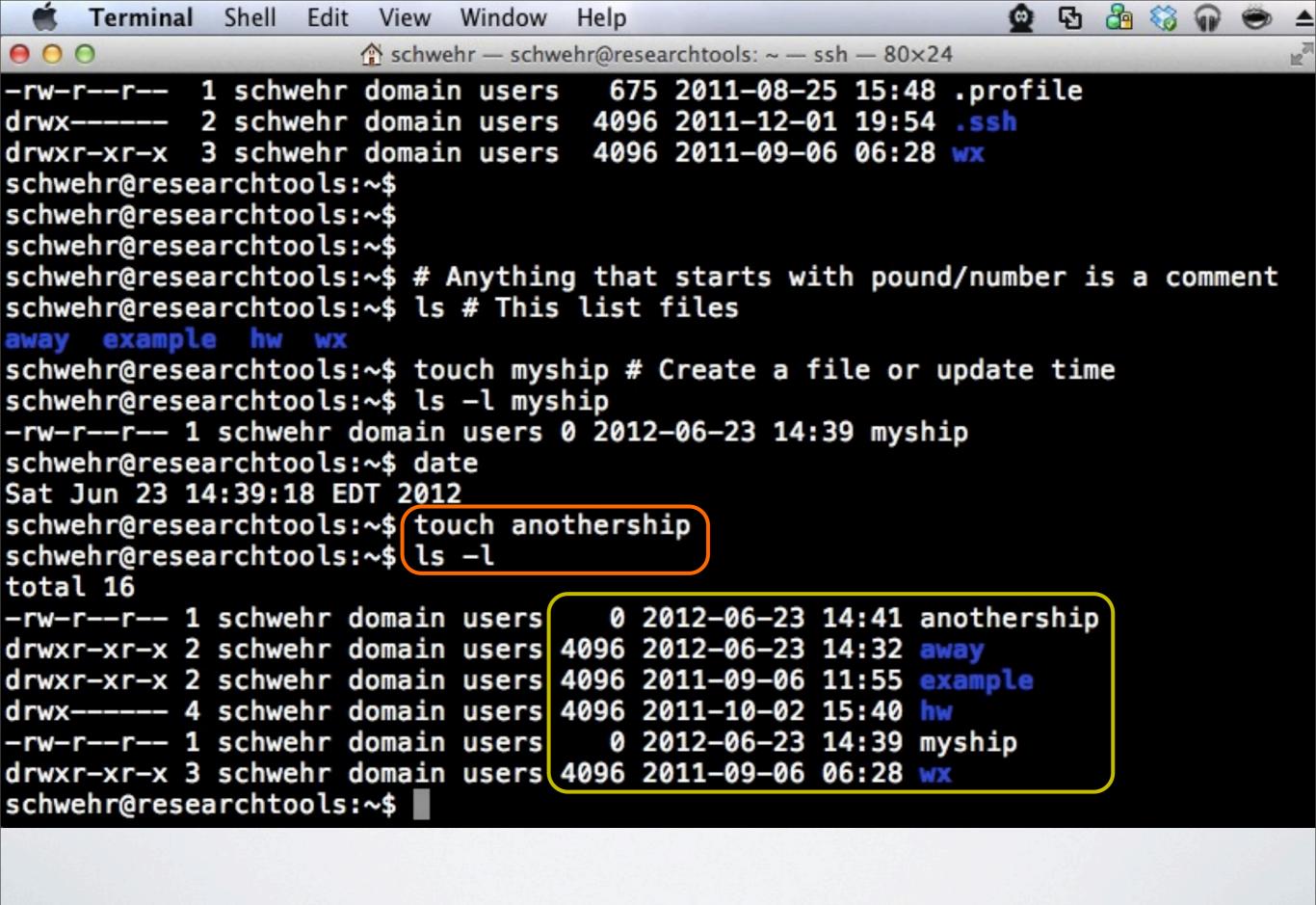


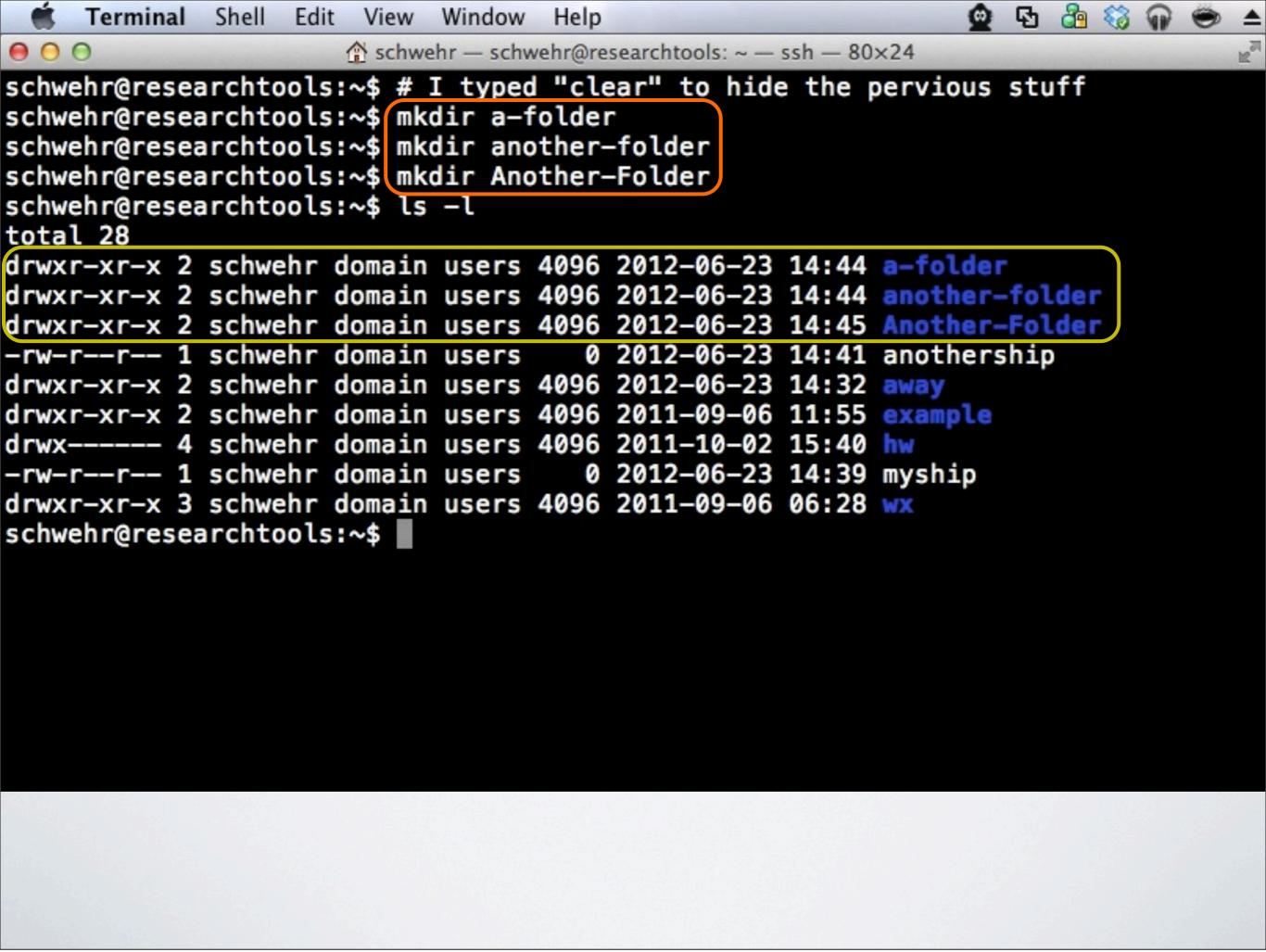


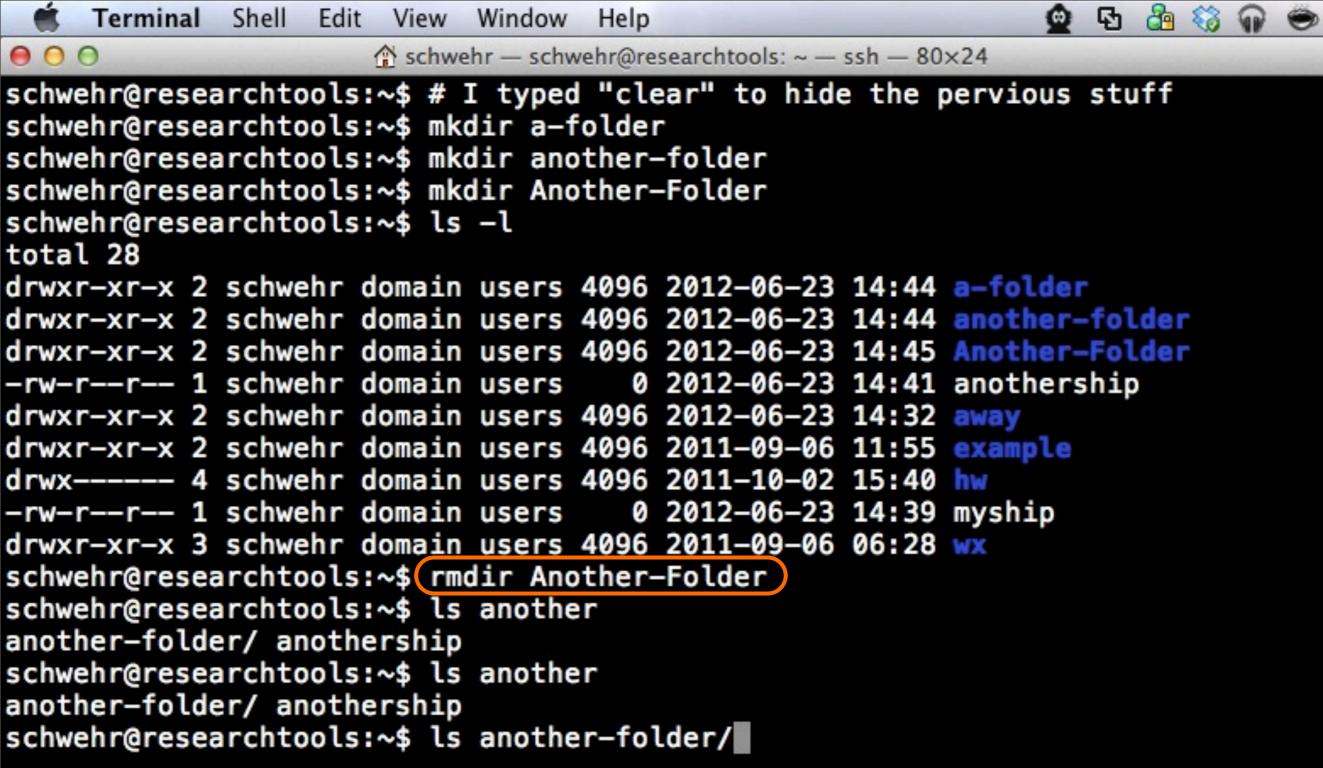












Type "Is an" then press tab and the shell tries to complete the file name with "another." I pressed "-" and then tab again.

