Protégé Client Setup

Set-up:
These instructions are intended to allow an editor to connect to the SIG Protégé server. Details on how the server itself is installed are written-up elsewhere.

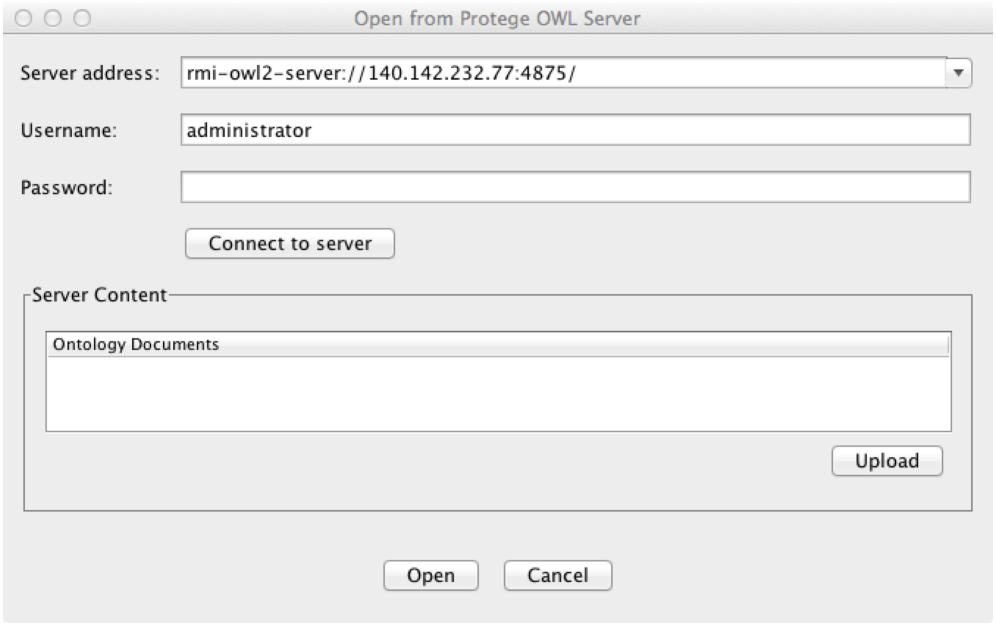
Download the following files from my (Todd's) Google Drive and install them into your Protégé plugins directory (these instructions assume Protégé 4.3.x, they do not presently work with P5.x). If you are denied access to these files, let me know and I'll sort it out.

https://drive.google.com/open?id=0B79XScL4Qr16VXhWSFRsY3VCNEk&authuser=1
https://drive.google.com/open?id=0B79XScL4Qr16WGF2LWwzaUNiaEk&authuser=1

The above should resolve to files named org.protege.owl.server.jar and org.protege.editor.owl.client.jar respectively. It is possible that you may also need to change out the version of the OWLAPI found in your plugins directory. I did not need to do this in my test, but if you experience any issues let me know, as the OWLAPI version could be the problem.

Running and connecting to server:
Before you can connect to the SIG Protégé server, you will need a username and password. These cannot be created through Protégé. Please ask me and I will create them for you.

Once you have a username and password, launch Protégé (the P4.3 where you just added the above plugins). From the File menu, select "Open from Protégé OWL Server…" A dialog like the following should appear:



If the server address is not already filled in, enter the following: rmi-owl2-server://140.142.232.77:4875/

In the username and password fields, enter your specific credentials. Then press the "Connect to server" button. Highlight the FMA.history (presently called TEST+FMA.history, but this will change if we adopt this configuration) and press the "Open" button at the bottom of the box (not the "Upload" button). Wait (this part might take a few minutes). Once the ontology opens, go to the Server menu (at the top) and select "Auto-update". This will cause any commits (changes sent to the server) made by others to be sent to you, without having to select "Update" from the menu. You may need to choose "Auto-update" with each new session. At any time after your first edit, you can perform a number of options:

1. Show uncommitted changes – shows changes that you've made locally but have not committed to the server
2. Show change history – shows all committed changes to the ontology, by you or by others
3. Update – pull down changes committed by others (if you don't already have auto-update selected
4. Commit – push your changes to the server

At this point, edit as you normally would. When interacting with the server, Protégé may ask you again for your credentials. Just enter the same ones that you originally used to connect.

Note, the server does not really store the ontology, as a full OWL file. Rather, it stores a transactional history of axiom modifications (add, remove, and possibly other modification types). So, until I am sure that we can rebuild the ontology from such a history, it would be wise to occasionally store your local version to a file on disk. You can do this as you would normally save an ontology. Also note, you can save your local session (you will be prompted to do this when you exit Protégé) and pick up where you left off, even if you did not commit before leaving. However, I would advise you to commit often as a part of your normal workflow.