

Project 1: Submission

CS 161

October 13, 2006

Please read this early so that you minimize your chances of last-minute problems.

1 Submission Instructions

You will submit project 1 using the UNIX electronic submission system. This is part of the grading system that you registered with for homework 1. Please choose one group member to do the submissions. If for some reason you need to have more than one account submit the project, contact your TA to explain why.

You will submit two files, one containing your code, and one containing your documentation.

The code needs to be a gzipped tar archive (tarball) in a file called `code.tgz`. Include in `code.tgz` the full hamsam source, so that we can easily run your client by typing `make launch`. In particular, if the main project directory (containing the Makefile, hamsam directory, etc.) is in a directory called 'project' in your local copy of your repository, then you should `cd` to the directory above 'project' and type

```
tar cf - project | gzip > code.tgz
```

(The hyphen is important to tell `tar` to send the result to `STDOUT` for piping to `gzip`.)

Be sure that your server is also included in `code.tgz`, perhaps in a subdirectory called 'server', perhaps in the same directory as the client code, but somewhere in the `code.tgz` tarball.

Be sure to include very clear instructions on how to build and launch your system (in your `README` file). Tell us what to type in order to run your server. (If `make launch` doesn't build your server, tell us how.) Tell us how to configure your client so it knows what IP address the server is running on. And anything else that's relevant.

Also, include a list of what files you wrote or modified (also in your `README`). `SecureProtocol.java` will definitely be in this list, as well as any files related to your server. It's okay to say "all files in directory `<some_dir>`." If you found it necessary to modify hamsam, tell us exactly which hamsam files you changed.

Your documentation needs to be a file called `writeup.tgz`. Your writeup will consist of three documents: a README, a design document, and a security analysis document. Your documentation may be PDF, postscript, plain text, or html. The different documents can be in different formats, so, for example, your design document might be a PDF, while your README might be plain text.

Once you have created your `code.tgz` and `writeup.tgz`, put them in their own directory in the named account of the person who will submit. For example, you might make a directory called `/project1-submit`, and then that directory should contain the two files `code.tgz` and `writeup.tgz` and nothing else.

To submit your project, cd into that directory, and type

```
submit proj1
```

It should say 'Submission complete.'

If it does not say this, or it gives any errors, *do not assume it worked*. If you can't get submissions to work, contact your TA immediately.

It is entirely possible that you will encounter errors when trying to submit, judging by how many people have had problems registering with the system. To avoid last-minute difficulties, please try submitting an incomplete version of your project well before the deadline. Since we take your last submission, there will be no penalty for this, and it will give you an early warning if you will run into trouble.

If you are a few from the deadline and submissions aren't working, you can as a last resort email your submission to your TA (the two files `code.tgz` and `writeup.tgz` attached to an email). Since you can test submission ahead of time and you have this option as a last resort, problems with the submission software will not be a valid reason for accepting a late submission.

You can submit as many times as you want, up till the deadline. We will only look at the latest submission when grading, so there is nothing to lose by submitting what you have so far at any given point.

If you plan to use late days, please do two things:

1. Email your TA sometime before the deadline or shortly afterwards, telling him that you are using a late day (or two, or three).
2. Write in your README file how many late days you are using.

Remember that any submissions after the deadline, even just 10 minutes late, count as using a late day.

If you have any questions, please ask them early, not at the last minute!