

Electronic Submission Facility for EE Students

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Abstract

An electronic submission facility has been created with hopes of streamlining the process of submission and grading of assignments for both students and faculty. Another obvious benefit is reduced paper consumption.

1 Submission via The Web

1.1 Submit

To use this method you need to have an active connection to the Internet and a web browser. Using the web browser goto the following web site:

<http://www.ee.usm.maine.edu/cgi-bin/submit.cgi>

This site will have a form with several boxes and pull down menus. The username and password boxes are your username and password on eelinux. Select the course from the pull down menu. Next select the most appropriate Project name from the list, or select the one the Professor specified.

The next option is *Overwrite or Append to a Previous submission*: Files previously submitted will not be removed, but newly submitted files will replace any existing files with the same name. If the you respond in the negative and a previous submission exist, the submission is aborted and the previous submission unaltered.

The last box that you must fill in is the *File to submit:* box. You have two options; the first option is to click on the Browse button to the right of the box and select your file¹. The second option is to type the absolute path describing the file. If you have no idea what the absolute path is, it is recommended to use the first option.

Verify everything is correct and then click *Upload File*. This button will submit the form for processing.

Once the page is processed by the server, you will get a response at the top of the page

*File: myfile.txt Submitted.
Submission Successful.*

If you need to upload more than one file use the form below this message and simply select another file and press the Upload File button, as described above. You may notice that this form no longer has the *Overwrite or Append to a Previous submission:* option. The option is removed because you are now in an append mode.

1.2 Verify

Verify was created to present evidence that the files were successfully submitted. Verify can be accessed directly at:

<http://www.ee.usm.maine.edu/cgi-bin/verify.cgi>

There is a link at the top of the submit web site, which you may just click on.

¹Netscape users may have to change the *Files of Type* from HTML to All Files

The sever needs to know who it is talking to so you will be challenged with your eelinux username and password. Once you enter your username and password combination correctly click the *View Files* button. A list of all files that you have submitted will be displayed on the screen.

```
Course   Project  File Submitted   Size (Bytes)  Date Submitted
=====
ele464
|-----> hw1      f1040a.pdf      25009  Fri Jun 14 14:02:01 2002
```

There are five columns; Course, Project, File Submitted, Size and Date Submitted. All files are grouped by course, and then project. There maybe several files per project. Each file will display it's size in bytes ², and the date at which it was submitted according to the server.

2 Submission via A Unix Shell

2.1 Submit

To use the submission facility, simply type *submit* in a shell on eelinux and respond to a few questions. You will first be asked to enter the name of the course for which you are submitting work.

Enter the name of the engineering course. eg. ele450
Course: ele450

Enter the name of the course and presses 'enter'.

²To convert Bytes to Kilobytes(KB) as it may be displayed on your computer divide this number by 1024

Next, you are asked to supply a name for the assignment. This must be a single string which is a valid UNIX filename. For example

*Enter the name of the programming assignment.
- use ONE word only, no spaces eg. project_1
Project: os_sim-1*

If you have already made a submission using this name, you will be notified and asked if you wish to replace it. Files previously submitted will not be removed, but newly submitted files will replace any existing files with the same name. If the you respond in the negative, the submission is aborted and the previous submission unaltered.

Submit will display a listing of the current working directory. The you may then enter the names of the files they wish to submit for the assignment or an asterisk to submit all files in the current directory. You may optionally enter the path to another directory, all files in that directory will be submitted. Note that these options are mutually exclusive.

The specified files will then be copied for submission. If any problems arise, diagnostic messages will be displayed. The submission process may continue or abort, depending on the severity of the anomaly. Upon successful completion you should see the message.

Done. 0 Warnings 0 Errors.

A non-zero number of errors probably implies a failed submission. A non-zero number of warnings does not strictly imply failure. You should note any errors or warnings and either correct your errors or inform the TA.

If you receive zero(0) warnings and zero(0) errors, copies of the files are now available to the Professor or TA in the submit directory. The files are inaccessible to you and your peers. The original files remain unaltered.

2.2 Verify

Simply type *verify* in a shell on eelinux and you will get a list of all files that you have submitted. See section 1.2 for details on the printout.

3 Conclusion

Please direct inquiries, criticism and suggestions to

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