


CS Tutoring Help

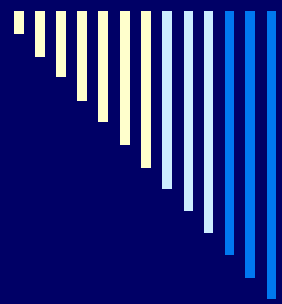
*Your friends in
need.*

theCAT
the computer action team



providing **Information Technology Solutions**
for the College of Engineering and Computer Science at Portland State University

support@cat.pdx.edu

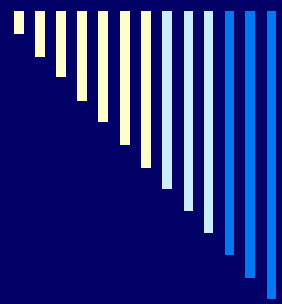


Hours:

- Monday – Friday
 - 11:00 AM – 6:00 PM
- Saturday
 - Noon – 5:00 PM

Note: hours apply during finals week

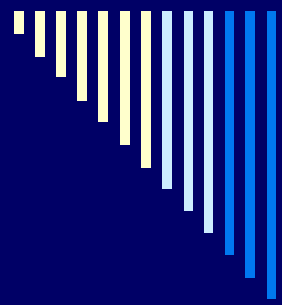




Contact:

- Email: tutors@cs.pdx.edu
- Phone: 503-725-4056
- IRC Chat: [irc.cat.pdx.edu](irc://irc.cat.pdx.edu)
 - channel #CSCHAT

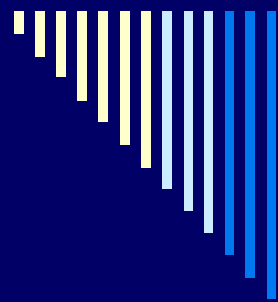




Web Sites:

- Tutors
 - www.cat.pdx.edu/tutors
- ACM
 - www.acm.pdx.edu
- CAT
 - www.cat.pdx.edu





Tutor Web Site - Tips & Tricks Sheets

TheCAT - Tips and Tricks - Mozilla Firefox

http://www.cat.pdx.edu/tutors/tips-and-tricks.html

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search...
Report a Problem:
Email: support@cat.pdx.edu
Phone: 503-725-5420

Home | Students | Fac/Staff | CS Tutors | Guidelines | Windows | Linux | Unix | Mac | Mail | Network | Software | Web | TheCAT | Sitemap

Home > CS Tutors > Tips & Tricks

Monday, 20 August 2007

CS Tutors

- FAQs
- News
- Schedule
- CS Class Forums
- Reference Sheets
- Tips & Tricks**
 - General Tips Archive
 - Vi Tips Archive
 - Emac Tips Archive
- Tutorials

Tips and Tricks

Contributed by coons
Thursday, 13 April 2006

Vi Macros - A quick Look

Submitted by Sean Brown

vi macros can be very useful for coding. They can be used to automatically print out a skeleton for classes, `int main()` in C/C++ and whatever else you want with just a few keystrokes. Just open up the `.exc` file or create your own file and use the map command. Here is an example of how to output an `int main` in C/C++ when you type in `!qq` during command mode:

```
map !qq ^[iint main(int argc, char* argv[])^M(^M)
```

This mess needs an explanation and, believe it or not, this is a lot easier than it looks. I'll skip the `map !qq` portion because they were mentioned above. The `^[iint` portion is actually three things at once. `^[` is the esc character, the `i` is just an `i` (used to enter text-enter mode) and `int` is the return type for `main`. This is equivalent to manually typing in `esc, i` and `int` into vi. If you don't want to remember the `^[` then just remember `ctrl-v`. For those who don't know, `ctrl-v` and `esc` will print `^[` and vi knows that `^[` is the esc key.

Let's continue. The `main(int argc, char* argv[])` is just C/C++ syntax. `^M` is a carriage return. The curly brackets are just C/C++ open and closed curly brackets.

If you didn't put your macros in the vi resource file then you can load your macros into vi by going to the text buffer and typing the source

Intel Lab - Feb 55-17

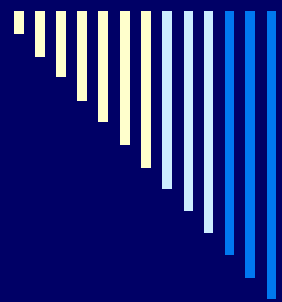
Upcoming Events
There are no upcoming events currently scheduled.
[View Full Calendar](#)

Related Items



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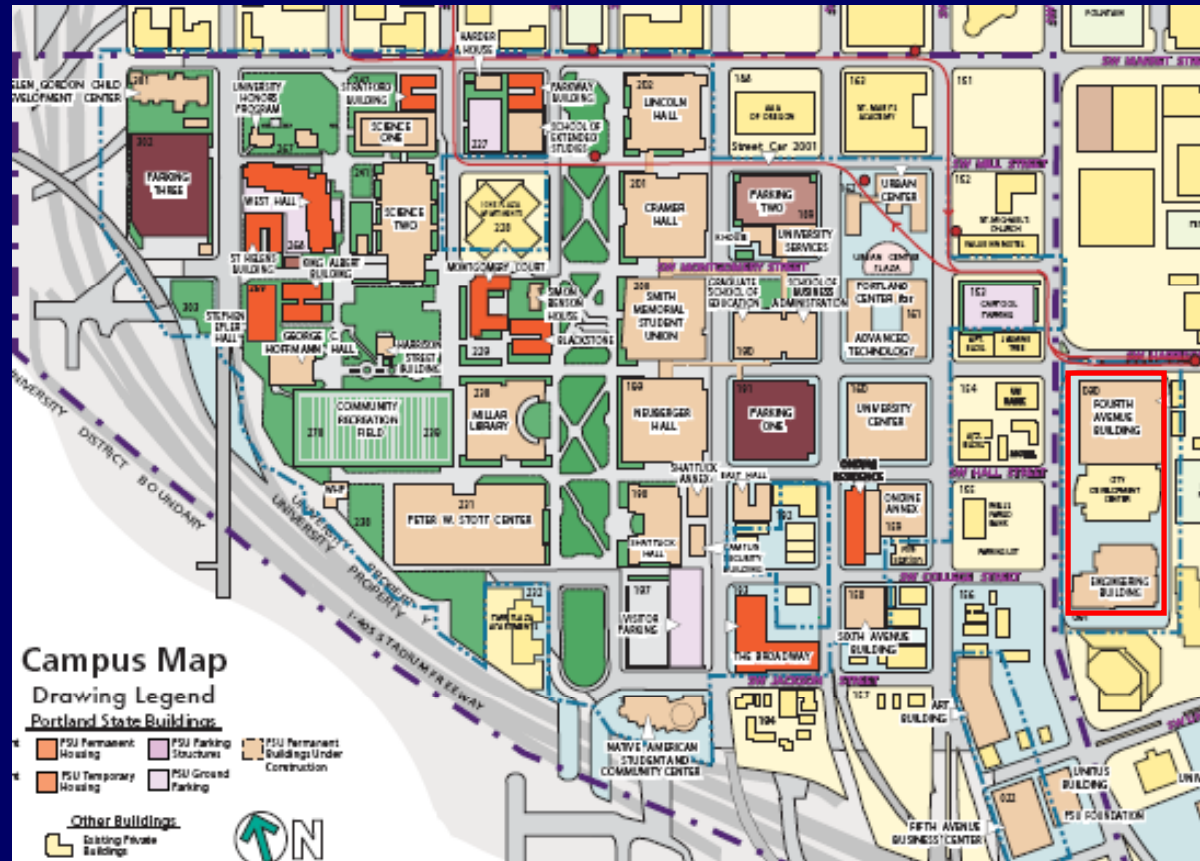


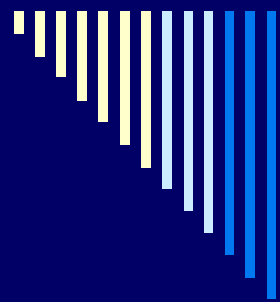
Lectures & Workshops:

- Introduction to CS at PSU
 - Tuesday 10/13 @ 2:00 PM – FAB 88-09
 - Thursday 10/15 @ 2:00 PM – FAB 88-09
- Introduction to GDB & MAKE
 - Tuesday 10/20 @ 2:00 PM – FAB 88-09
 - Thursday 10/22 @ 2:00 PM – FAB 88-09
- More to come . . .

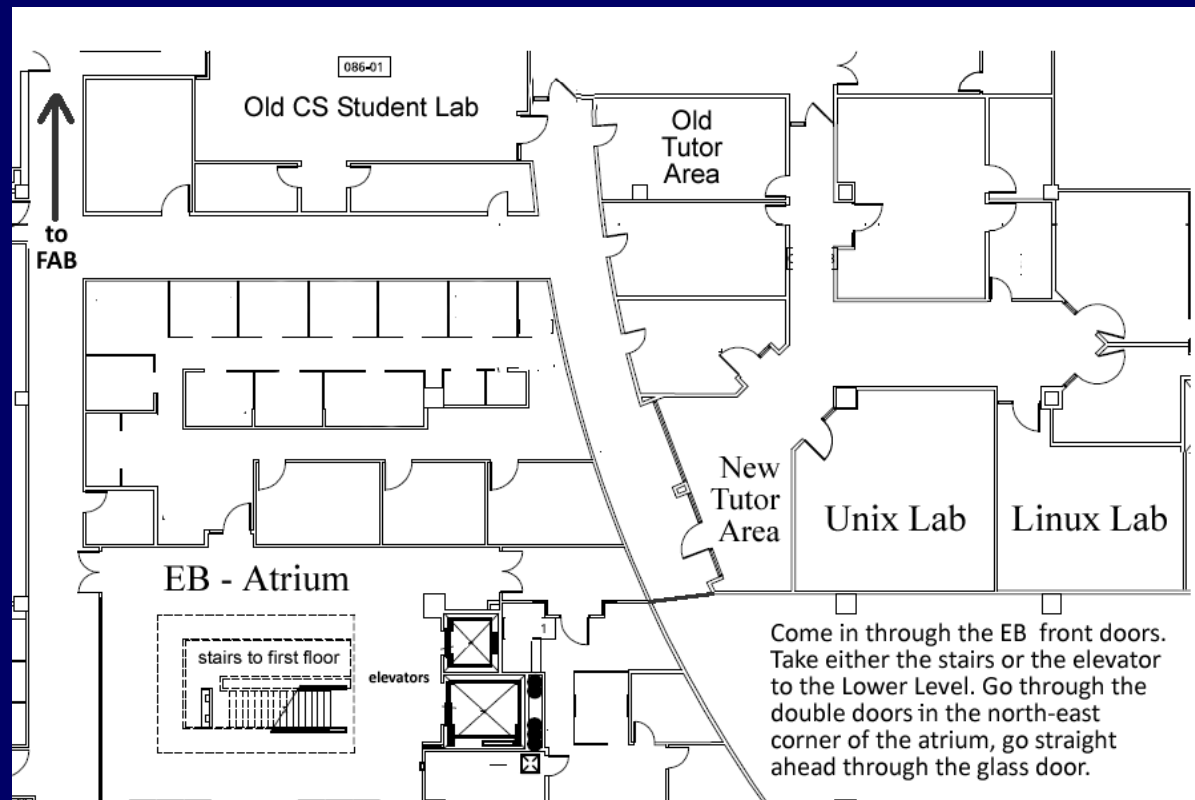


Location:

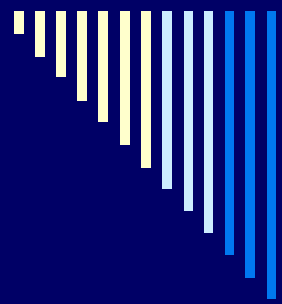




Location:



Come in through the EB front doors. Take either the stairs or the elevator to the Lower Level. Go through the double doors in the north-east corner of the atrium, go straight ahead through the glass door.



Location:

- ❑ Enter EB through the front doors on SW 4th Ave.
- ❑ Go down to the Lower Level Atrium
- ❑ Go east through the doors
- ❑ Use card reader to enter





Apply to be a CS Tutor

- ❑ Students who have finished CS 202 are eligible to apply
 - ❑ Openings are posted to msgs and around FAB
 - ❑ Application is on the tutor Web site
-



Fri Oct 9 in EB102 at 6pm
theCAT Braindump

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What is the Braindump?

It's where TheCAT teaches you everything they know about running the systems and networks in the College (and OIT).

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What's in it for me?

- ▣ Learn about Windows, Solaris and Linux.
- ▣ Learn about networking.
- ▣ Installing, configuring and maintaining systems.
- ▣ Software builds.
- ▣ Software development.
- ▣ Dealing with users.
- ▣ Dealing with scale.
- ▣ Over a year's worth of free training.
- ▣ Become The Whole Sysadmin.
- ▣ Killer resume fodder.



What do I need to join?

- ▣ Be a PSU student.
- ▣ Have enthusiasm, drive and a willingness to learn (quickly).
- ▣ Love computers.
- ▣ Want to know more about what it takes to make them work.
- ▣ Good social skills. (It's a team, remember?)



What happens at the Braindump Orientation?

We will talk about who we are, what we do, the Braindump, what it takes and **The Deal**.

You will hear from people who took the challenge and find out where it took them. See if you have what it takes.

Friday, October 9th, in EB102 at 6pm.

For more info: cat.pdx.edu/bd.html





**Association for
Computing Machinery**

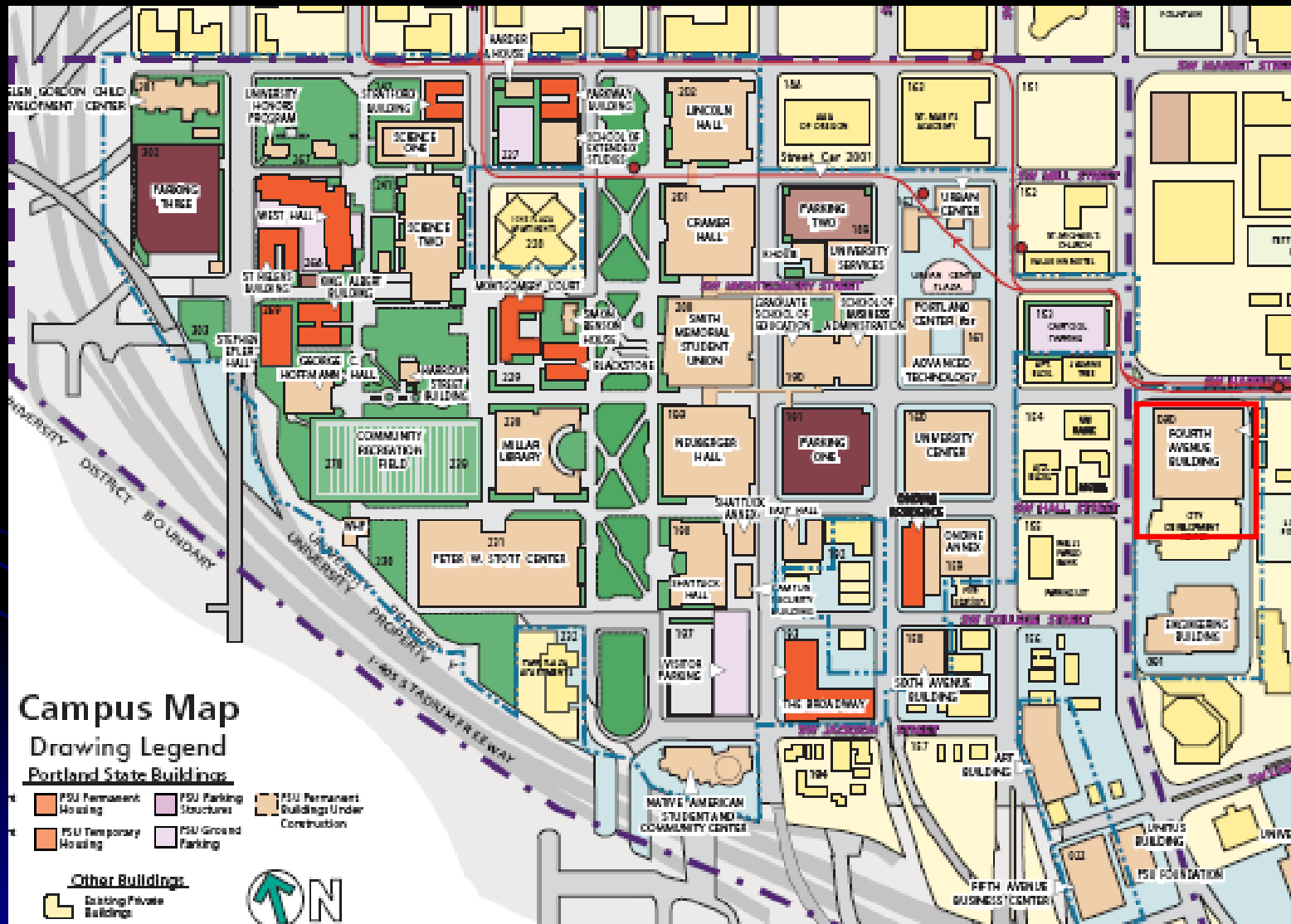
Advancing Computing as a Science & Profession

@PSU

Where:



FAB 88-01



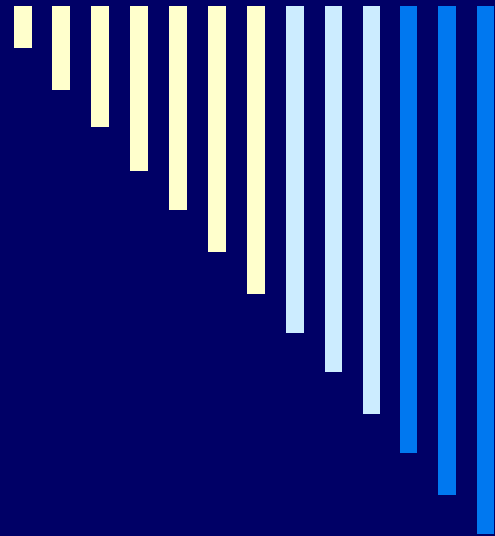
When:

4:00 PM

Every Friday!

Other info:

<http://acm.pdx.edu>



Thank-you!

Good Luck!

Questions?
