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# CS Tutoring Help

*Your friends in  
need.*



# Hours:

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

*Note: hours apply during finals week*



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## Contact:

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



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# Web Sites:

## □ Tutors

- [www.cat.pdx.edu/tutors](http://www.cat.pdx.edu/tutors)

## □ ACM

- [www.acm.pdx.edu](http://www.acm.pdx.edu)

## □ CAT

- [www.cat.pdx.edu](http://www.cat.pdx.edu)

# Tutor Web Site

TheCAT - Tips and Tricks - Mozilla Firefox

File Edit View History Bookmarks Tools Help

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

theCAT the computer action team

providing Information Technology Solutions for the Maseeh College of Engineering and Computer Science at PSU

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 `.exrc` 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-1-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



# Lectures & Workshops:

- Introduction to CS at PSU
  - Monday 4/5 @ 11:00am - FAB 88-09
  - Wednesday 4/7 @ 1:00pm - FAB 88-09
- Introduction to GDB & Make
  - Monday 4/5 @ 4:00pm - FAB 88-09
  - Thursday 4/8 @ 11:00am - FAB 88-09
- More to come . . .

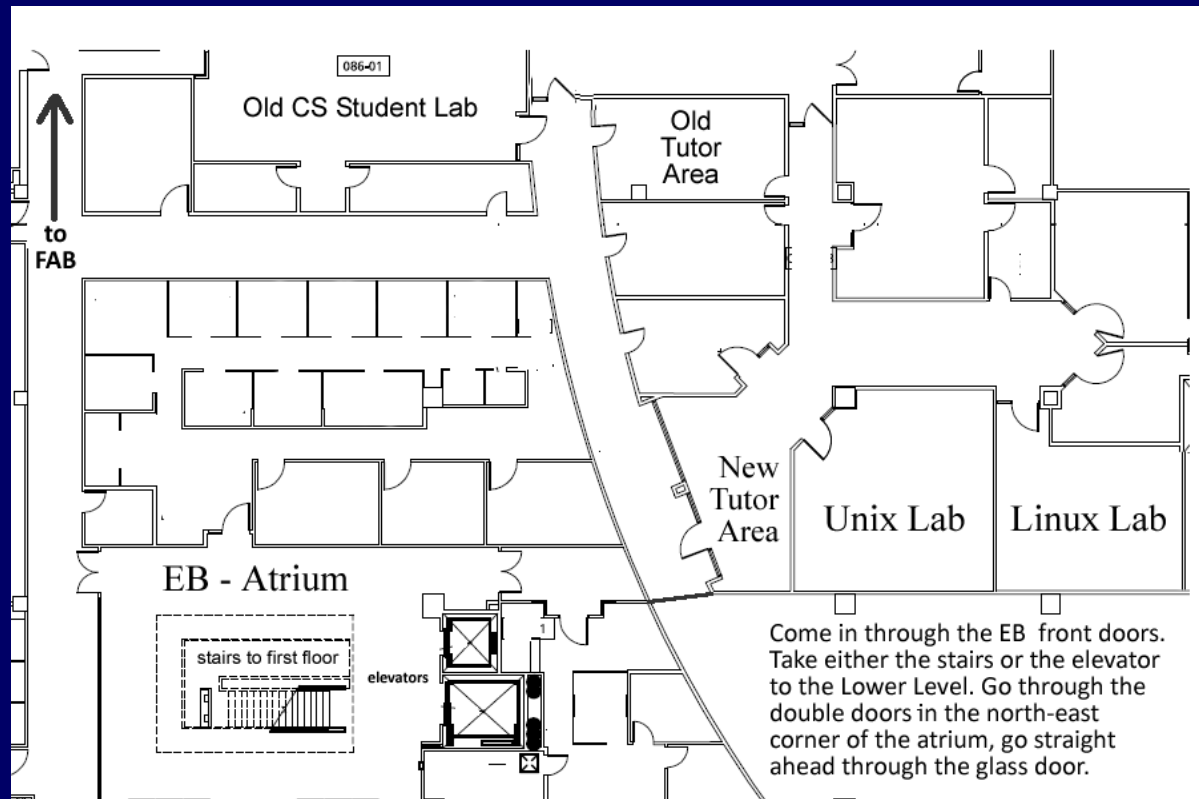
# Location:



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

support@cat.pdx.edu

# Location:







# Location:

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

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# *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
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IOS GNU DHCP

Apache MySQL  
UNIX

Linux

NFS UBUNTU ZFS  
Postgres Windows

DNS

Fri Oct 9 in EB102 at 6pm  
**theCAT Braindump**

**theCAT**  
the computer action team



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for the College of Engineering and Computer Science at Portland State University

[support@cat.pdx.edu](mailto:support@cat.pdx.edu)

# What is the Braindump?

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



# 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 8th, in EB102 at 6pm.**

**For more info: [cat.pdx.edu/bd.html](http://cat.pdx.edu/bd.html)**





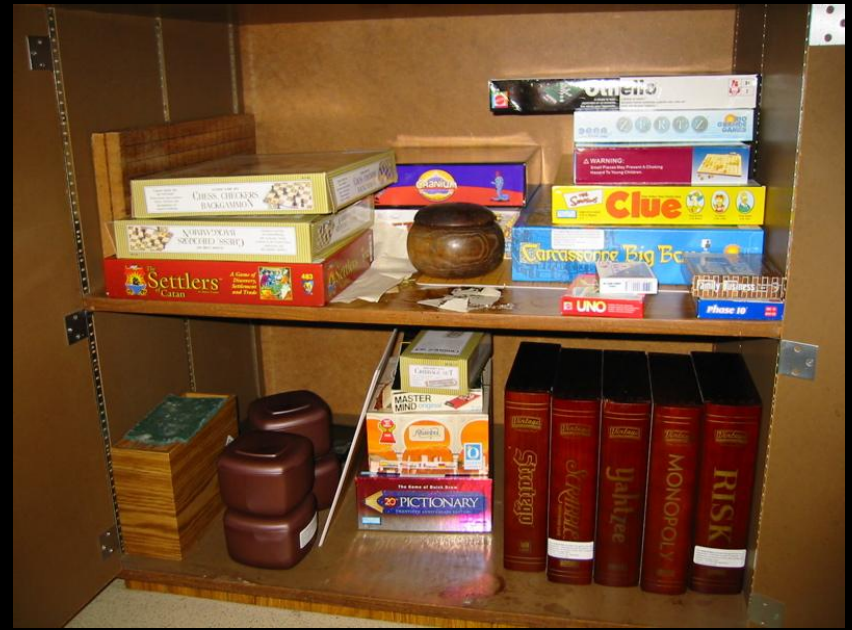
**Association for  
Computing Machinery**

*Advancing Computing as a Science & Profession*

**@ PSU**



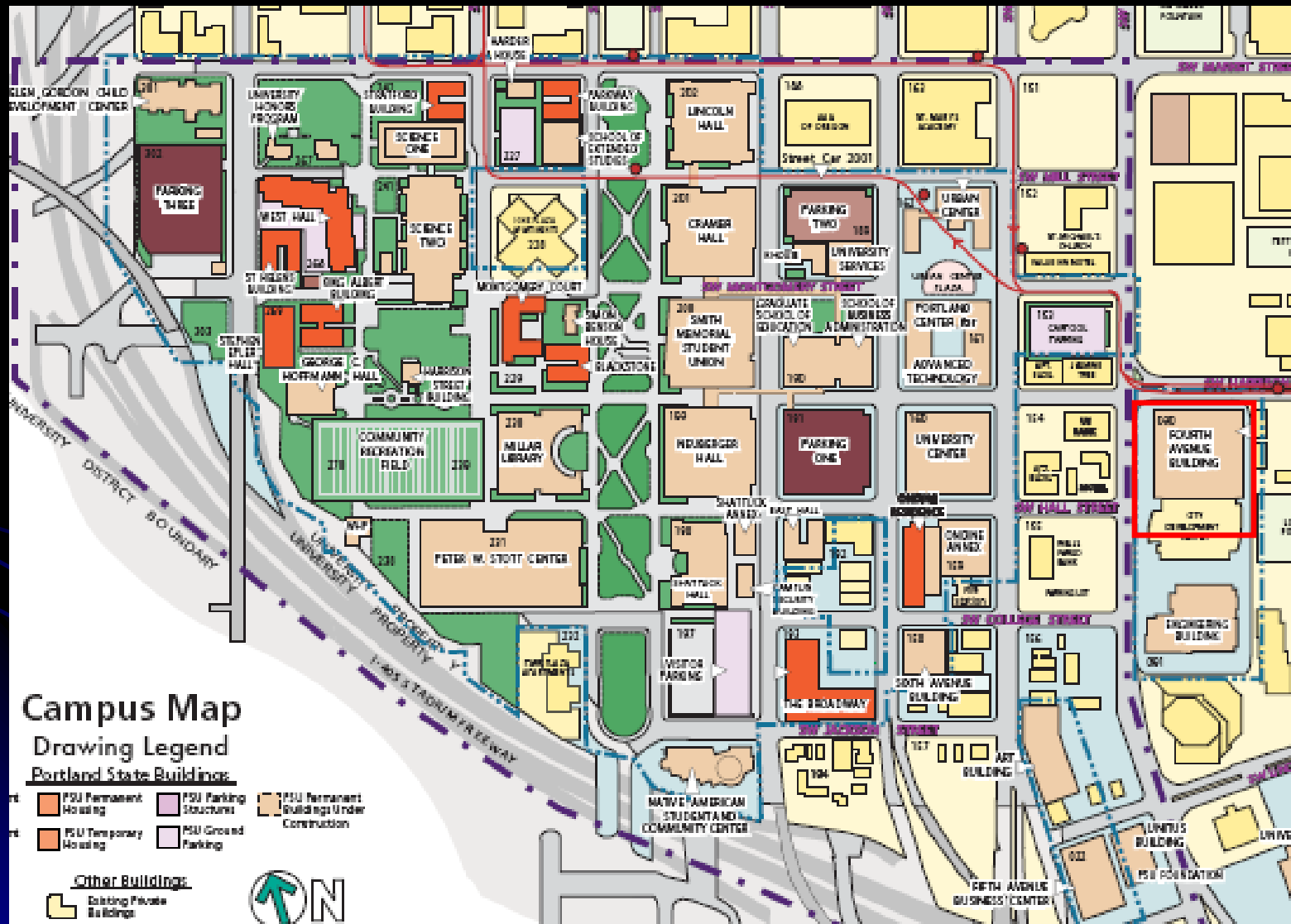
# What we do:



# Where:



# FAB 88-01



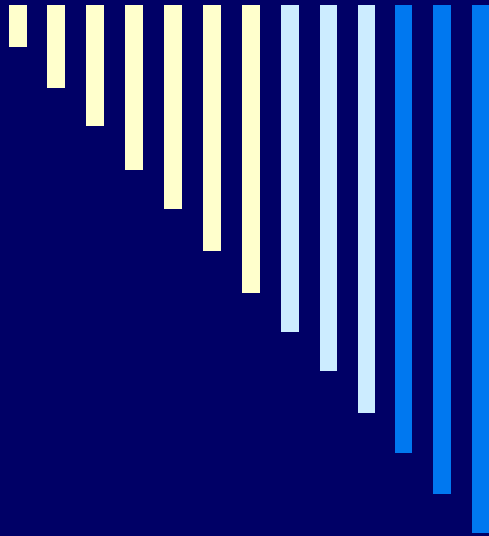
**When:**

**4:00 PM**

**Every Friday!**

**Other info:**

**<http://acm.pdx.edu>**



*Thank-you!*

**Good Luck!**

**Questions?**

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