


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



Contact:

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

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

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Monday, 20 August 2007

CS Tutors

- FAQs
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- 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 ctt: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 - Fab 55-17

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

Related Items

Done



Lectures & Workshops:

- **Introduction Computer Science at PSU**
 - Monday 4/5 @ 11:00am
 - Wednesday 4/7 @ 1:00pm

- **Introduction to Unix for Windows Users**
 - Tuesday 4/6 @ 12:00 noon
 - Tuesday 4/6 @ 2:00pm

- **Meet the "Editor": Unix Text Editors**
 - Tuesday 4/6 @ 1:00pm
 - Thursday 4/8 @ 4:00pm (focus on Vim)



Lectures & Workshops:

- **The GNU Debugger (GDB) and Make**
 - Monday 4/5 @ 4:00pm
 - Thursday 4/8 @ 11:00am
- **Valgrind**
 - Friday 4/9 @ 4:00pm

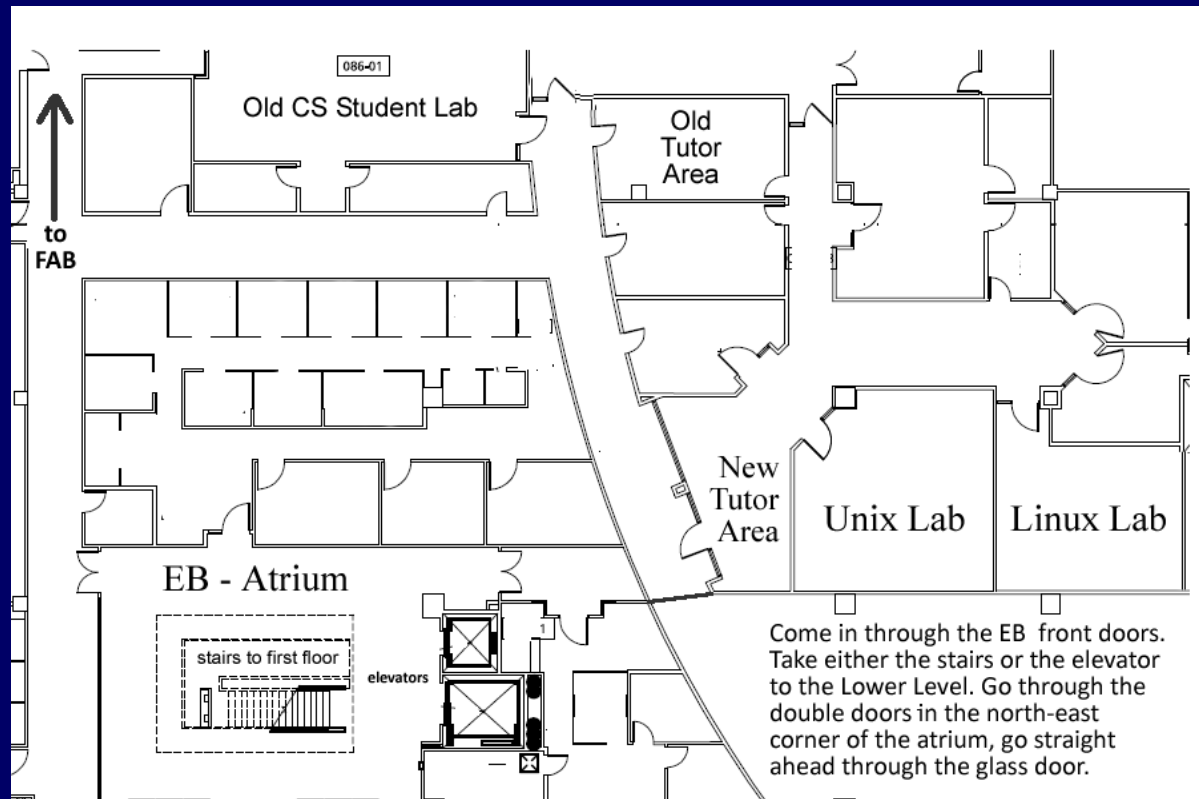
More Information Available At

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

Location:



Location:





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
-



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



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

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?

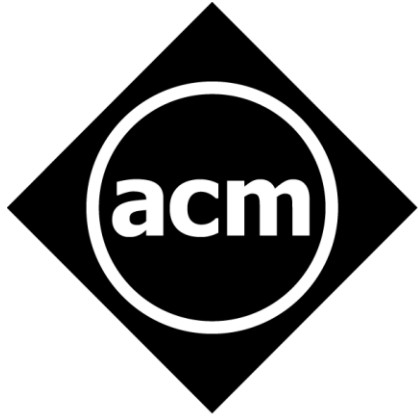
We will talk about who we are, what we do, the Braindump, what it takes and **The Deal**.

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



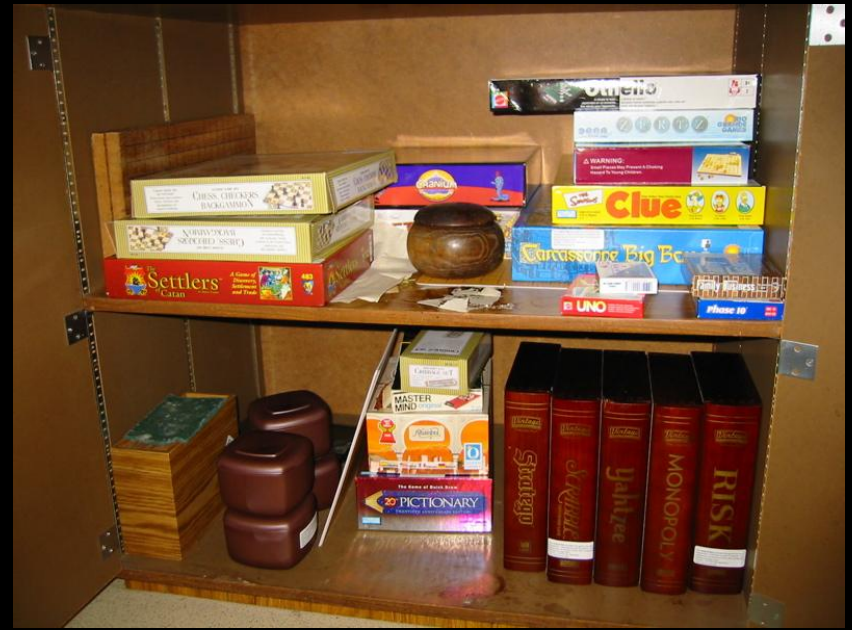


**Association for
Computing Machinery**

Advancing Computing as a Science & Profession

@ PSU

What we do:



Where:



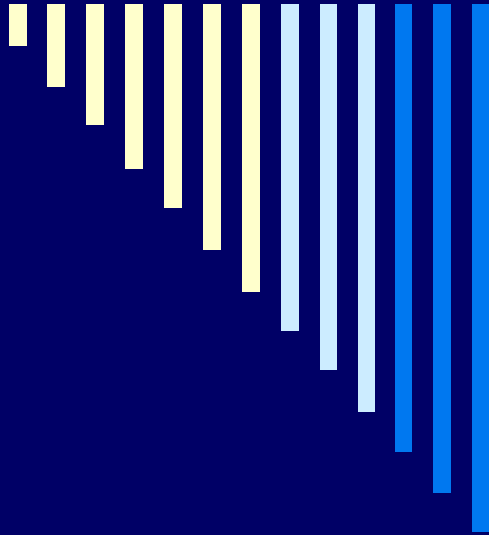
When:

4:00 PM

Every Friday!

Other info:

<http://acm.pdx.edu>



Thank-you!

Good Luck!

Questions?
