Using Computer Resources at HMC

This information sheet will help you get started using your various computing accounts here at HMC.

Computing and Information Services provides accounts on three different systems:

▼ **Kato**: Novell file server.

When you sit down at a Macintosh or PC in one of our labs, you must first log on to one of our file servers, usually Kato. All of the Macintosh and PC software we maintain is stored on Kato, and you have a home directory on Kato where you can save your own files. You have to log on to Kato before you can use the Macintoshes or PCs in our labs.

▼ **Orion**: A UNIX mainframe.

You'll be using Orion for CS 5 and CS 6, so we suggest that you use it for your general-use computing (such as e-mail) at first as well, for simplicity's sake.

▼ **Thuban**: A VMS mainframe.

You won't need to use Thuban immediately, but some upperclass courses (such as Differential Equations) use the VMS cluster. VMS is a very different operating system from UNIX, and you're encouraged to try it out and see what you think when you have a chance.

PC Lab

When you first sit down at a PC, you'll be prompted to log on to Kato with your userid and password. Your home directory will be mapped to the `H:` drive. To open an application double-click the Application Launcher icon on the desktop. To log out select `Start/Shut Down` and click "Close all programs and log on as a different user." To change your Kato

password press `Ctrl+Alt+Delete`. Click the `Change Password` button. Follow the instructions to enter your new password.

Task	Application
Change your Kato password	
	Press `Ctrl+Alt+Del` and click the Change Password button
Directory listing	
	`Start/Programs/Windows NT Explorer`
Word processing	Microsoft Word
Spreadsheet	Microsoft Excel
Web browser	Netscape
Log on to another system	Telnet
Move files to/from another system	FTP

Macintosh Lab

To log on to Kato on a Macintosh select the Chooser in the Apple menu. Select the AppleShare icon and then `HMC_MACS` under AppleTalk zones. Double-click on `Kato` and then type in your userid and password. Macintosh applications are located in the volume `Kato.Mac` and your home directory is located in the volume identified by your class year. When you are done, select `Restart` from the `Special` menu to log out and close all open applications. To change your Kato password follow the instructions to log on and then click the `Set Password` button.

Task	Application
Select printer	Chooser/LaserWriter 8
Change your Kato password	Chooser/AppleShare
Word processing	Microsoft Word
Spreadsheet	Microsoft Excel
Web browser	Netscape
Log on to another system	NCSA Telnet
Move files to/from another system (FTP)	Fetch

Orion

▼ If you need help with a command, type `man` *commandname*.
▼ If you want to find out the commands pertaining to a particular topic, type `man -k` *topic*.
▼ You may edit the files `.login` and `.tcshrc` to change the way your account is setup.
▼ Compilers for C and C++ are available.
▼ Filenames should not contain any spaces or special characters other than the underscore character.

Task	Command
Log out	`logout`
Change your password	`passwd`
List files in current directory	`ls`
List files in another directory	`ls` *dirname*
Detailed list of files	`ls -l`
View the contents of a file	`more` *filename*
Copy a file	`cp` *filename newfilename*
Move/rename a file	
	`mv` *oldfilename newfilename*
Delete a file	`rm` *filename*
Change to another directory	`cd` *dirname*
Return to your home directory	`cd`
Edit a file with Emacs	`emacs` *filename*
Save and exit Emacs	`Control-x Control-c`
Print a text file	`print` *filename*
Read and send mail with Pine	`pine`
Read or post news	`trn`
Web browser (character-based)	`lynx`
Log on to another system	`telnet` *host*
Move files to/from another system	`ftp` *host*
Talk to another user	`ytalk` *username@host*
List users currently logged in	`who`

Thuban and the VMS Cluster

If you haven't already, you should type CONFIGURE at the $ prompt to set up your account. It will ask several questions and provide default answers. You may change things later if you want to.

▼ If you need help, type CLUE to browse local documentation.
▼ Help on VMS commands is available by typing HELP.
▼ You may edit the file LOGIN.COM at any time to control what gets setup when you log on.
▼ Compilers for C, C++, Fortran, Pascal, and Basic are available.
▼ The format $filename.extension;version\#$ is used for filenames.
▼ Your home directory is named $disk:[username]$.
▼ Sub-directories have the absolute format $[username.subdir1.subdir2]$.
▼ Sub-directories have the relative format $[.subdir]$.

Task	Command
Log out	LOGOUT
Change your password	SET PASSWORD
List directory of files	DIR $dirname$ $filename$
View the contents of a file	TYPE/PAGE $filename$
Copy a file	COPY $filename$ $newfilename$
Rename a file	RENAME $oldfilename$ $newfilename$
Move a file	RENAME $oldfilename$ $dirname$ $newfilename$
Delete a file	DELETE $filename;version\#$
Create a new sub-directory	CREATE/DIR $dirname$
Change default directory	SET DEFAULT $dirname$
Change to parent directory	SET DEFAULT [-]
Return to your home directory	HOME

(equivalent to SET DEFAULT SYS$LOGIN)

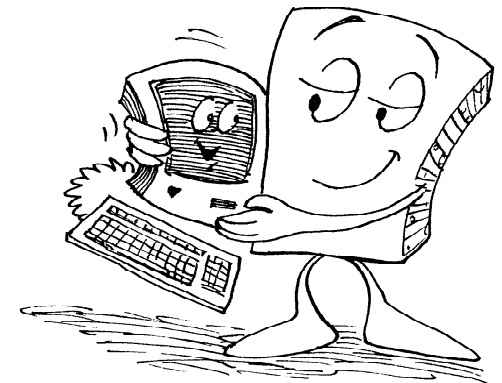|	
Edit a file	EMACS $filename$
Save and exit Emacs	Control-x Control-c
Print a file	PRINT $filename$
Read and send mail with VMS Mail	MAIL
Read and send mail with Pine	PMDF PINE
Read and/or post news	NEWS
Web browser (character based)	LYNX
Web browser (X terminal)	NETSCAPE
Log on to a different machine	TELNET $host$
Move files from/to another machine	FTP $host$
Talk to another user	TALK $username@host$
List of current users	USERS

Appropriate Use Policy

The computing environment at HMC is fairly relaxed, but we do have some guidelines for appropriate use of the college's computing resources. Here's a brief summary:

1. You're responsible for your accounts. Don't tell anyone your passwords.
2. Don't read other people's files unless they say you can.
3. Don't try to break into systems or gain access beyond what you're allowed.
4. Don't harass other users.
5. Don't hog resources.
6. Don't leave a station unattended for more than 10 minutes; someone else will be allowed to use the computer at that time.
7. Don't copy commercial or otherwise copyrighted software.
8. Make backups of vitally important data.
9. Don't forge e-mail or otherwise impersonate other users.
10. Don't create or spread viruses.

The full Appropriate Use Policy is available on the HMC Web server at http://www.hmc.edu/comp/policy/appropriate-use.html.

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