

SEASNET COMPUTING FACILITY



UGRAD ACCOUNT INFO

EXPIRATION DATE: / /

Follow the *Account Activation* section below to enable your SEASnet account.

Username:	Password:
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Account Activation

- 1) Go to any one of the SEASnet labs and logon to the SEASLAB domain using your username and password listed above.
- 2) Now, login to UNIX using the same username and password.



If you are an undergraduate student, double click this icon to start a UNIX SSH session.

- 3) Read the *User Agreement* carefully, pressing the ENTER key to see the next page. At the end you will see a question. If you agree to abide by the *User Agreement* then hit **y** to activate your account. You will be asked to change your password.
- 4) As always, press **CTRL+ALT+DEL** and click **Log Off** when you are done. Your account will be ready to use in 10 minutes.

NOTE: You must renew your account before it expires. Engineering students who have paid their registration fees will have their accounts automatically renewed. If you are a staff member or a visiting scholar, please come to our office with documentation.



LAB LOCATION & HOURS

- ⚠ YOUR ACCOUNT WILL BE REVOKED IF YOU BRING ANY FOOD OR DRINK INTO THE LAB.
- ⚠ LAB USE IS STRICTLY FOR COURSE WORK ONLY.

Room #		Hours	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10
2664 BH	WinXP PC Lab	Mon															
4404 BH	WinXP PC Lab	Tue															
4405 BH	LINUX Lab	Wed															
4442 BH	WinXP PC Lab	Thu															
		Fri															
		Sat															
		Sun															

- 🕒 During Spring Break, Summer Vacation, and in between quarters, labs are open 9am – 5pm and closed on weekends.
- 🕒 Labs will be closed on University holidays.



SOFTWARE

- 🔴 All UNIX applications are also available from XP, but you will need to start *Exceed* to use those that require X-Windows.

Windows Applications			
Adobe Acrobat Reader	Microsoft Internet Explorer	Microsoft Office XP	
Netscape	Microsoft Office XP	Access	
UCLA DIMSUM+		Excel	
Logic Works Erwin *		PowerPoint	
Hummingbird Exceed		Word	
Exceed 3D *		Photo Editor 3	
Altera Quartus II		Outlook	
Mathsoft Mathcad Pro	Microsoft Visual Studio .NET		
Mathcad Expl.	Visual C++ / J++		
Math Works Matlab*	Visual Basic/InterDev		
MicroSim Pspice	Developer Network Project		
OrCAD Pspice *			
Python	Ensoft LPile Plus/Apile Plus		
SAAM Institute SAAMII	ScFinder Scholar		
Abaqus	Hyprotech Hysys		
Sophos AntiVirus	Tanner Ledit / LeditPro *		
Autodesk AutoCAD	Teranishi Tera Term Pro		
Ansys	PovRAY POV-Ray		
Zip TurboZip			

*= Restricted software: You must be enrolled in a related course to use this software.

A complete list of software is available on the SEASnet website.

UNIX Apps	Command
C	cc, gcc, c89
C++	CC, g++
Fortran	f90, f95, f77
Java	java
Pascal	gpc
Perl	perl
Prolog	gprolog
Scheme	scheme
Expect	expect
Tcl / Tk	tclsh, wish
AutoCad 12	Seascad
Maple 7	maple, xmaple
MAX+PLUS II	maxplus2
Viewers	acroread (for PDF files) ghostview (for PS files) xv (for images)
Email	pine, mutt
News	trn, pnews
Text Editors	pico, vi, asedit, emacs, ispell
Web Browser	netscape, lynx
Online Manuals	man <cmd> or man -k <keyword>



R E M O T E A C C E S S

RECOMMENDED METHOD: Dial into your ISP like Bruin OnLine, then SSH `ugrad.seas.ucla.edu`.
Example: SSH `ugrad.seas.ucla.edu`

TERMINAL SERVICE: You can access most of the lab Windows software remotely using high speed internet.
For more information, please go to: <http://www.seas.ucla.edu/seasnet/remote>
Terminal Server: `remote.seas.ucla.edu`



P R I N T I N G

- New accounts come with 10 free pages; thereafter, 2¢ (b&w) and 10¢ (color) per page (tax included) will be billed to your UCLA BAR account. Color printing is available in 2684BH and 4404BH.
- `pqi` (paper quota info) in UNIX will tell you how many pages you have waiting to be billed (billing is done weekly).

Location	2664 BH	3760 BH	4404 BH	4405 BH	4442 BH
Printer Name	pr2664-1 & -2	pr3760-1	Pr4404-1 & -2	pr4405-1	pr4442-1 & -2

From UNIX	<code>lpr -P<printer name> <filename(s)></code> . For example: <code>lpr -Ppr2664-2 homework1.ps</code>
From Windows	From the menu bar, click File ⇒ Print ⇒ select the nearest printer ⇒ OK



W I N X P E N V I R O N M E N T

- Before you logon, make sure you select the SEASLAB domain (XP) and not the local machine.
- Some applications like Matlab or Femlab (COMSOL) are restricted to those enrolled in a related class.
- Save all your work on `username` on `labsamba2.seas.ucla.edu [Z:]` drive ONLY. This is the same as your UNIX home directory. Files saved anywhere other than your [Z:] drive, including your desktop, will be erased regularly.
- You can customize your XP environment by adding shortcuts, changing backgrounds, etc. Your customization will be saved in your personal profile and restored the next time you logon.
- ALWAYS logoff from your account when you are done by pressing `CTRL+ALT+DEL` and clicking Log Off.



U N I X E N V I R O N M E N T

- Login to your appropriate cluster by choosing `ugrad.seas.ucla.edu`
- If you have questions about anything in UNIX, try the online manuals by typing `man <command>` or `man -k <keyword>`.
- ALWAYS logout from your account when you are done by typing `logout` or `exit`.

Command	Function
<code>ls (dir)</code>	List current (or specified) directory
<code>ls -al (dir)</code>	Show long listing of current (or specified) directory
<code>Cd</code>	Change to home directory
<code>cd dir</code>	Change to specified directory
<code>Pwd</code>	Show present working directory
<code>mkdir dir</code>	Make specified directory
<code>rm file1... n</code>	Remove file(s)
<code>rm -r dir1...n</code>	Remove directory or directories
<code>cp file1 file2</code>	Make a copy of file1 called file2
<code>mv file1 file2</code>	Rename file1 to file2
<code>mv dir1 dir2</code>	Rename dir1 to dir2
<code>mv file dir</code>	Move file to directory
Clear	Clear the screen

Command	Function
<code>chmod ugo file</code>	Change read, write, execute permissions
<code>chmod ugo dir</code>	r (read) = 4, w (write) = 2, x (execute) = 1 Add permissions, so 3 = write and execute Example: <code>chmod 711 ~/www</code>
<code>~</code>	Same as home directory. Example: <code>cd ~/www</code>
<code>.</code>	Same as current directory. Example: <code>cp ~/test .</code>
<code>..</code>	Same as directory above. Example: <code>cd ../../</code>
<code>*</code>	Same as all files. Example: <code>chmod 711 *</code>
<code> </code>	Pipe output of one program to another. Example: <code>ls -al grep e more</code>
<code>passwd</code>	Change password
<code>pqi</code>	Paper quota info
<code>showdq</code>	Show disk quota
<code>showmodem</code>	Show the dial-in modem numbers



T I P S

- Take a look at www.seas.ucla.edu/seasnet/faq/homepage.html for instructions on how to create your own homepage.
- You are eligible for a Bruin OnLine (BOL) account. Go to <http://www.bol.ucla.edu/services/accounts/>.
- Make sure you check your URSA email often as this is how SEASnet and your instructor/TA's will contact you.



Q U E S T I O N S A N D P R O B L E M S

- Help is never too far away because there are many resources available to you.
- If you suspect a security problem, please report it immediately.

Help Desk	Email <code><help@seas.ucla.edu></code>
Lab Consultants	Look for lab consultants sitting at the front desk in 2684BH (x75154)
Web	http://www.seasnet.ucla.edu/
SEASnet User Relations Office	Location: 2684 Boelter Hall Phone: (310) 206-6864 or (x66864) Office Hours: 8:00am – 12:00pm and 1:00pm – 4:30pm