

Macintosh: Accessing HP hills Server with *Terminal*

1. Start the *Terminal* Application

Before you can use the *Terminal* application to login to your HP UNIX account, you must first login to your Macintosh Intranet account. (For assistance with the Macintosh Intranet login, please refer to section 1. *The Login* in the handout *Macintosh: Getting Started*.)

From the *Finder* window, click the *Applications* folder  on the sidebar. (For more assistance, please refer to 1. *The Home Folder* in the handout *Macintosh: Getting Around*.)

From the *Applications* folder, double-click the *Utilities* folder icon (Folder and application icons are usually arranged alphabetically.)



Utilities

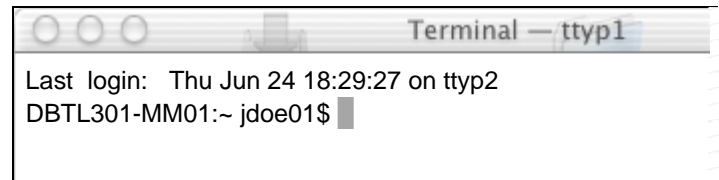
From the *Utilities* folder, double-click the *Terminal* application icon



Terminal

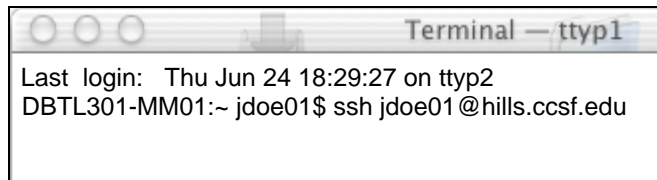
When the *Terminal* window opens, it overlays the *Utilities* folder window and displays:

your last login date/time, and
a local unix bash prompt,
followed by the cursor █



```
Terminal — tty1
Last login: Thu Jun 24 18:29:27 on tty2
DBTL301-MM01:~ jdoe01$ █
```

2. Login to the Hills Server



```
Terminal — tty1
Last login: Thu Jun 24 18:29:27 on tty2
DBTL301-MM01:~ jdoe01$ ssh jdoe01@hills.ccsf.edu
```

Login to HP UNIX hills from the local bash prompt:
enter the command `ssh`
followed by a blank space and
your complete HP *hills* e-mail address

`ssh your login id@hills.ccsf.edu`

Your hills login id is the same as your Macintosh Intranet login name. (If you need more information about determining your login id and your password for the HP UNIX hills server, please refer to the handouts *What's my mail.ccsf.edu login name?* and *HP #1: Logging In and Logging Out on the Windows Intranet*.)

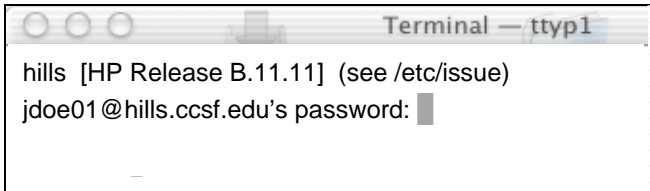
On the first login to your HP UNIX account from *this Macintosh unit*, the system prompts you to continue.

```
DBTL301-MM01:~ jdoe01$ ssh jdoe01@hills.ccsf.edu
The authenticity of host 'hills.ccsf.edu 47.144.1.2' can't be established.
RSA key fingerprint is 35:55:99:44:2a:67:e1:d4:34:db:a3:f7:2a:cc:d3:90.
Are you sure you want to continue connecting (yes/no)? yes
```

Type the word **yes** and strike the *Return* key to proceed.

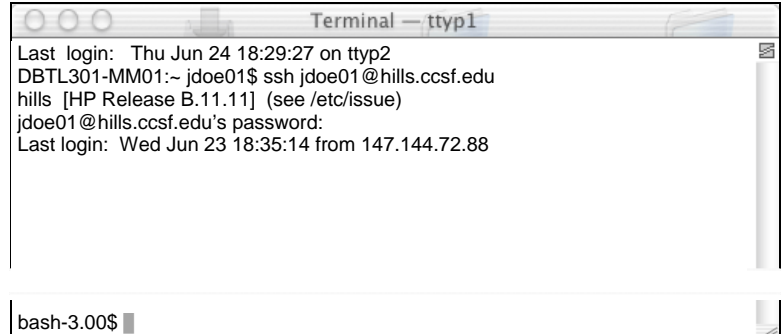
A one-time warning confirms that the hills server has been added to your list of hosts for *this Macintosh unit*. This is not an error message.

```
Warning: Permanently added 'hills.ccsf.edu,147.144.1.2' (RSA) to the list of known hosts.
hills [HP Release B.11.11] (see /etc/issue)
jdoe01@hills.ccsf.edu's password: $ █
```



At the *Password:* prompt, enter your HP hills password.
Don't be alarmed: your password does not display and the cursor does not advance, but what you type is sent to the server when you strike the *Return* key.

After the login name and the password are received correctly, the hills server response is
your most recent login history, and
your unix prompt.



For most students, it's a bash shell prompt:
bash-3.00\$

For some, it's the korn shell prompt: *\$*

Once the hills server has been added to your known host list at the Macintosh unit in current use, the login procedure will look like the Terminal window shown above.

If an error message like one of these displays:

Type `xterm-color` unknown

OR: Your terminal of type "unknown" is lacking functions needed to run pine

OR: Incomplete termcap entry

enter this command for proper terminal emulation:

`$ TERM=vt100` [The last three digits are **one-zero-zero.**]

If attempts to backspace display:

`^?^?^?`

enter this command to engage standard backspacing.

`$ stty erase` [Now type **ONE space and then strike the backward delete key.**
(It's the rectangular key below the F13 key)]

These commands will alter the settings for the duration of this login session only.
Incorporating these changes in your `.bash_profile` will make them permanent.

You are now in UNIX command mode and may proceed with any UNIX commands.

For assistance with the use of *pine* mail, please refer to the *E-mail* handout.

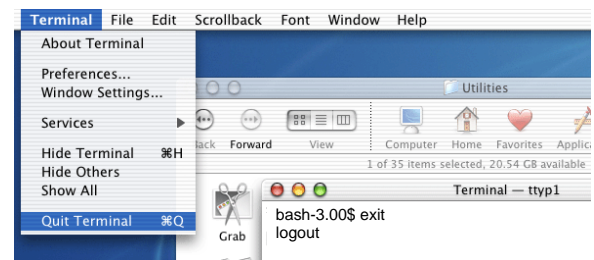
For assistance with other UNIX commands, please refer to the handout *HP #2: Basic UNIX Commands*.

3. Logout of hills and Quit *Terminal*

The UNIX command to logout is *exit*.

When it is correctly received, the confirmation message *logout* is the response.

To close and quit the *Terminal* application, click the *Terminal* menu and select the *Quit Terminal* option.



Logoff your Macintosh account when you have completed your work for this login session.

Please refer to *3. The Log Out* in the handout *Macintosh: Getting Started* for more assistance.