

Using Terminal to Connect to a Host from a Macintosh

November 2009



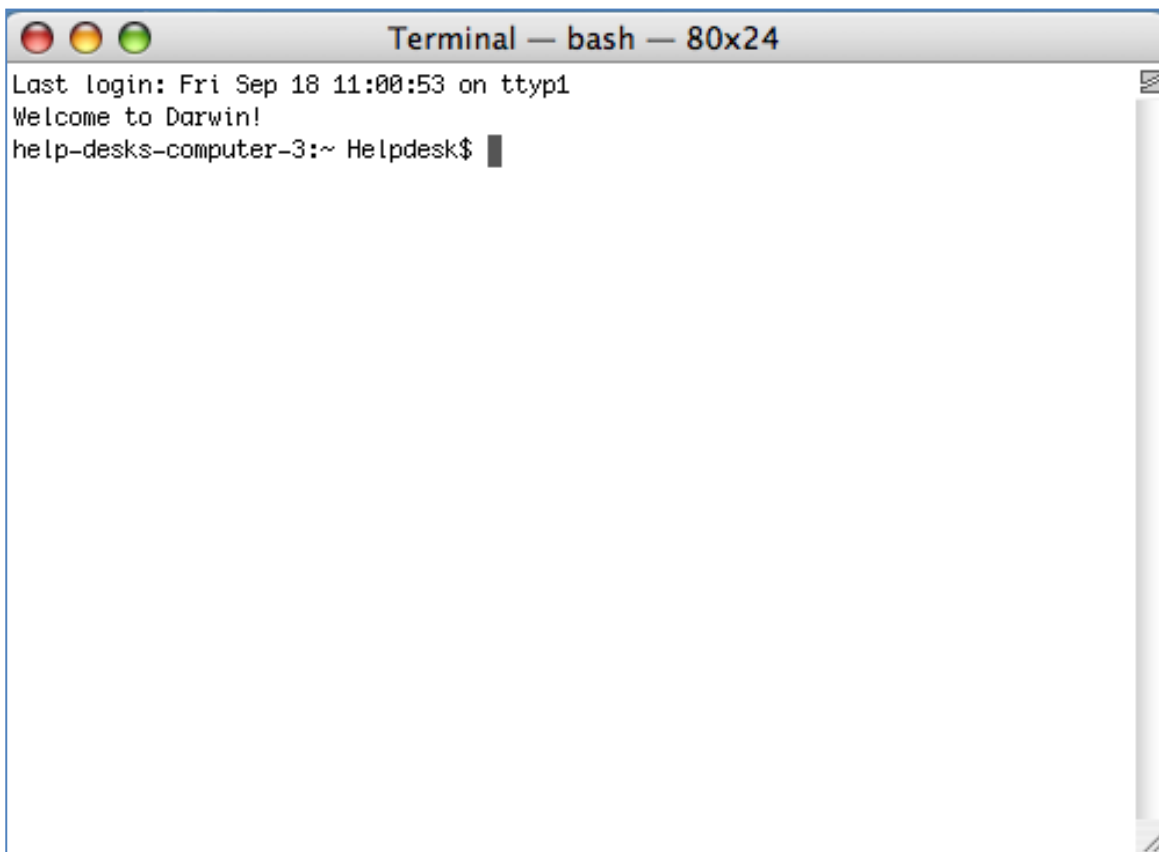
Terminal is a Macintosh application for connecting to a host server, such as the Euler Unix system.

Starting the Program

To start the program:

1. Click the MAC HD icon and then select the following: Applications ----> Utilities ----> Terminal.
2. When you click **Terminal**, a screen similar to Figure 1 will appear:

Figure 1: Initial Terminal Screen



The first line in Figure 1, indicates when the Mac was last in use. The second line welcomes you to Darwin, which forms the core set of components upon which the [Mac OS X](#) operating system is based. The third line provides the Mac prompt.

Connecting to a Host Computer

To connect to a host (e.g., the Unix server named **Euler**), perform the following steps:

1. To the right of the \$ prompt, type the following and press Return:

```
ssh euler.temple.edu -l username
```

where,

username is the username of your account on the host.

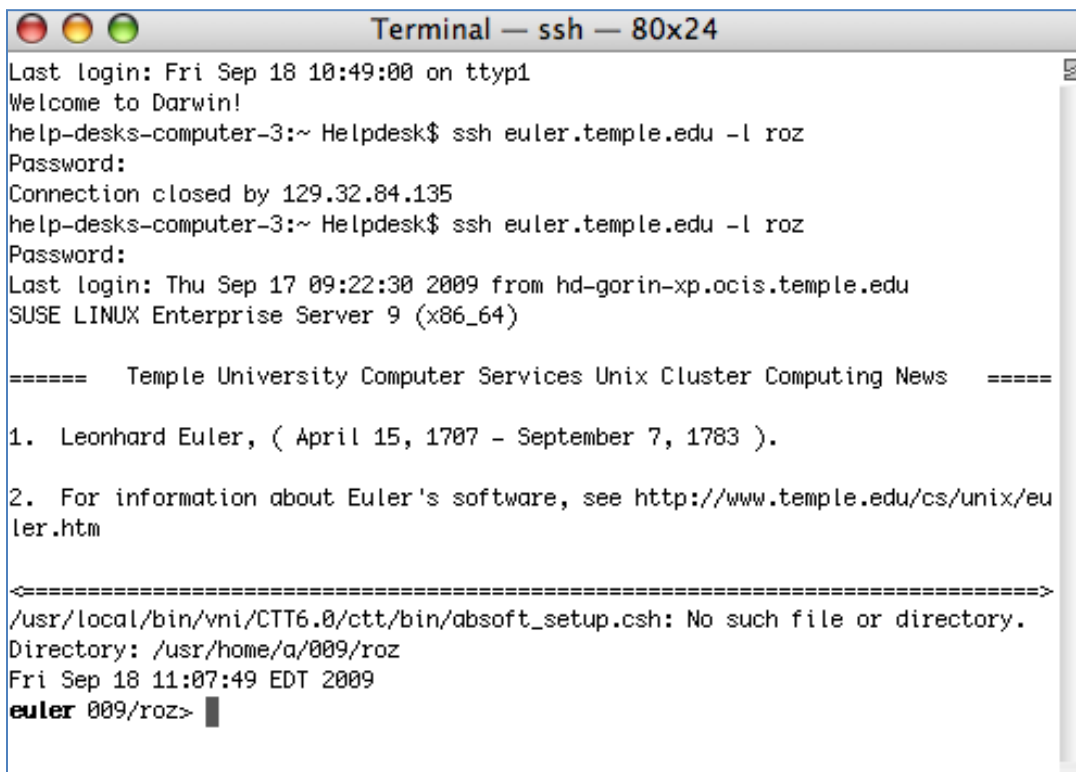
2. When prompted, type your password and press Return.

Note: The following error message appears if you do not have a valid account on Euler:
You must be a unique member of cn=EulerUsers, ou=groups, dc=temple, dc=edu to login.

For assistance, contact the Help Desk at <http://tuhelp.temple.edu> or 215-204-8000:

3. If your account is valid, and the password is accepted, a screen similar to the following appears:

Figure 2: Initial Euler Screen



```
Terminal — ssh — 80x24
Last login: Fri Sep 18 10:49:00 on ttty1
Welcome to Darwin!
help-desks-computer-3:~ Helpdesk$ ssh euler.temple.edu -l roz
Password:
Connection closed by 129.32.84.135
help-desks-computer-3:~ Helpdesk$ ssh euler.temple.edu -l roz
Password:
Last login: Thu Sep 17 09:22:30 2009 from hd-gorin-xp.ocis.temple.edu
SUSE LINUX Enterprise Server 9 (x86_64)

=====  Temple University Computer Services Unix Cluster Computing News  =====

1. Leonhard Euler, ( April 15, 1707 - September 7, 1783 ).

2. For information about Euler's software, see http://www.temple.edu/cs/unix/euler.htm

<----->
/usr/local/bin/vni/CTT6.0/ctt/bin/abssoft_setup.csh: No such file or directory.
Directory: /usr/home/a/009/roz
Fri Sep 18 11:07:49 EDT 2009
euler 009/roz> █
```

At the bottom left of the screen shown in Figure 2 is the Euler prompt. At this point, you can create or modify a file by means of a Unix editor (e.g., pico), execute a program, list files, etc. To upload or download a file between the Mac and the Unix server, you will have to use other Mac software such as FUGU. Terminal software cannot be used for file transfer.

Documentation for FUGU is available from the Help Desk web site: (<http://www.temple.edu/cs/helpdesk>). First click the **Reference Guides** link on the left. Then click **Temple's Unix Systems (Astro and Euler)**.

Exiting from the Host Computer and from Terminal

To exit from Euler, type exit at the Euler prompt. To exit from Terminal, either type exit at the Terminal prompt or select Quit Terminal from the Terminal menu.