

Using Analyze (and other UNIX computers)

Logging On

- Telnet to gcg.genome.uab.edu
- For Xwindows run the program:
/usr/dt/bin/dtterm -ls

Command-line Syntax

analyze% **command -PARAmeter**

- "analyze%" is the command prompt. Type your commands following this prompt
- Use at least one space between the command and its parameters
- Commands are case sensitive (use lower case)
- Do not abbreviate command names

Line editing commands

- **Delete (or Backspace) Key**

Delete the character to the left of the cursor

- **Long Commands**

At the end of the line type a backslash (\) and hit return

- **To Replay a previous command**

analyze% **history**

Shows you the commands you have previously issued

To replay command number 5 type an exclamation point and the number 5:

analyze% **!5**

Help

- analyze% **man command_name**

Displays online documentation about the command

- analyze% **man -k list**

Displays all commands that relate to the word list

File and Directory Specifications

- Directory names and file names are case sensitive
- Directory names (and file names) are separated with a forward slash (/)
/disk01/users/lefkowitz/seqs/vsvcg.seq
- Names can be pretty much anything
- Files with the same name will be overwritten!

Wild Cards

- * Any number of any character;
- ? Any single character

Control Keys

ctrl-c ends a program

ctrl-d end of file

UNIX Commands

General

- **logout**
Finished. I want to go home.
- **passwd**
Change your password

Directory Manipulation

- **ls**
List the files in the current directory.
analyze% ls seqs
List files in the subdirectory named seqs
analyze% ls seqs*

List all files that begin with the letters seq

ls -lt

provides more file information and sorts the listing by date

● **cd directory_name**

Change to the directory_name directory

● **pwd**

Where am I?

● **•** (single period)

refers to the current directory

● **••** (double period)

refers to the directory directly above the current one

● **cd ••**

Go up one directory

● **up (GCG Command)**

Go to the directory one up from my current directory

● **down directory_name (GCG Command)**

Go down to the directory_name directory

● **home (or type just cd)**

Take me to my login directory

● **mkdir directory_name**

Creates a new subdirectory in the current directory

● **rmdir directory_name**

deletes a directory

File Handling

- **cp filename1 filename2**

Create a copy of a filename1 (and call it filename2)

- **rm filename**

Deletes a file

- **mv filename1 filename2**

Changes the file name

- **grep 'character_pattern' filename(s)**

find the lines in filename(s) that match the pattern

Text Output

- **cat filename**

List the file to the screen

- **more filename**

List the file to the screen one page at a time