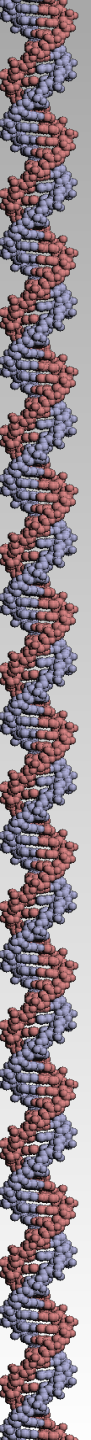


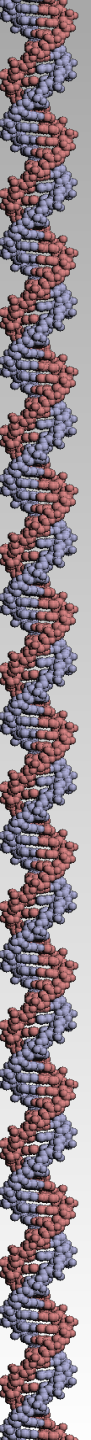
Rosetta Workshop: Introduction to Linux

- 5 minute Presentation: Key concepts and hints
- 5 minute Demo: **commandline** vs. GUI
- Competence Self-Test
- Self-paced work through tutorials
- Competence Self-Test
- Challenges

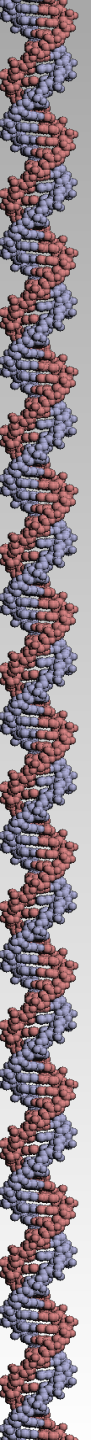
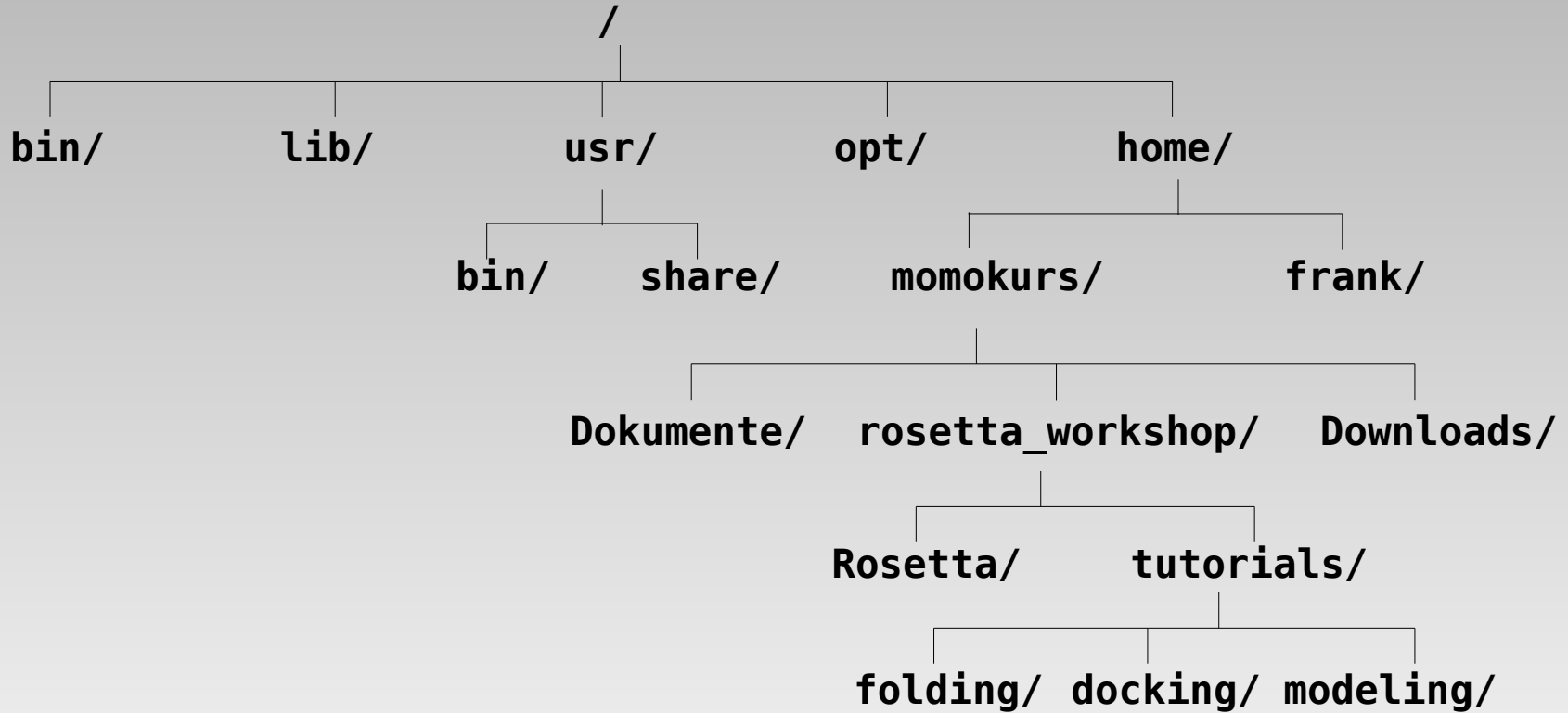


Files

- Case sensitive: **results** vs. **Results**
- Avoid spaces: **rosetta_logs_2014-04-28**
- Can be programs, when they're executable

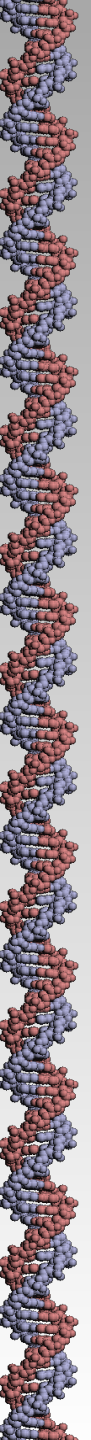


Filesystem



Commands

- `command`
- `command argument`
- `command arg1 arg2`
- `command -option`
- `command -opt1 -opt2 arg1 arg2`
- `command &`
- `command > log.txt`



Example Commands

```
cd
```

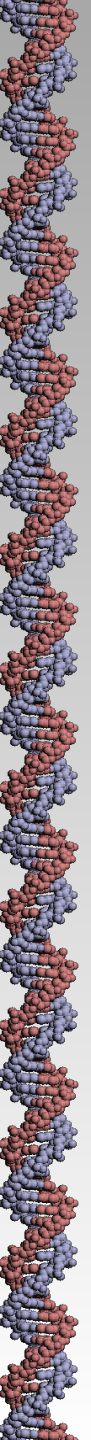
```
mkdir processed_logs
```

```
cp outupt_files/*.log processed_logs/
```

```
/usr/bin/gedit output_files/how_scores_were_generated.txt
```

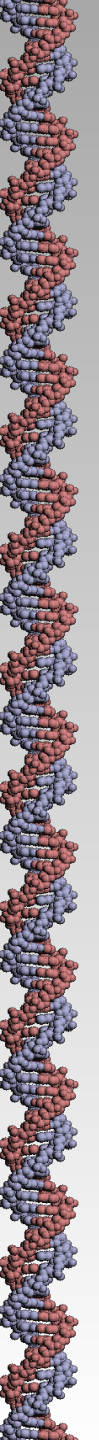
```
/prog/bin/xmgrace -timestamp example_data.dat
```

```
~/rosetta_workshop/Rosetta/main/source/bin/rosetta_scripts.default.linuxgccrelease \  
@docking.options -database ~/rosetta_workshop/Rosetta/main/database/ \  
-parser:protocol docking_minimize.xml -out:suffix _minimize -nstruct 10 \  
-restore_pre_talaris_2013_behavior >& docking_minimize.log &
```



Command-line vs. GUI

- Live Demo



Tutorials

Start working through the files in your sample directory:

- `cd rosetta_workshop/tutorials/day01/`
- `evince linux_beginning_intro_2014.pdf`

