

RECAPPING LAST CLASS

- Commands for:
 - viewing files
 - transferring files to remote machines
 - accessing manpages
- Idea of command options and how to view

RSYNC (CH16)

- different alg for transfer
 - checks for changes and differences
 - only transfers differences

- Command format (like `scp`):

```
rsync [[user@src_host:]srcpath  
      [[user@dest_host:]destpath
```

- Example:

```
rsync filename username@hostname:~
```

- Many options: recursive, delete, ...

COMPRESSING FILES (CH03)

- Multiple different options
 - `bzip2` - better compression
 - `gzip` - faster compression
- Decompress
 - `bunzip2`
 - `gunzip`
- Work on files (can work recursively on directories)
- How to get 1 single file for whole directory?

ARCHIVING (CH03)

- Creating single file from multiple files
- `tar` command

- Examples:

- pack (create)

- ```
tar -cvf all.tar file1 file2 ...
```

- unpack `tar -xvf all.tar`

- view table with contents

- ```
tar -tvf all.tar
```

- What does the `-v` stands for?

RECORDING A SHELL SESSION (CH03)

- `script` command to start
- `exit` ends recording
- saves recording in file called `typescript`
- `script filename` to specify different filename

ACCESSING COMMAND HISTORY

- Up arrow - cycle through previous commands
- `history` - see previous command list
- `history count` - shows last count commands

MINILAB02