

Session: File System and Commands
Topic: Standard Input / Output

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Input and Output

- 'stdin' - standard input for a command (typically the keyboard)
- 'stdout' - standard output for a command (typically the screen)
- Can change stdin and stdout for a command

File Redirection

- '>' directs output to a file, overwriting file contents
- '>>' directs output to a file, appending to contents

Examples

```
cal > today.txt  
echo "some more text" >> collection.txt
```

Pipe

- '|' sends output of one command to input of second command
- The second command must expect some input

Examples

```
ls | sort -r  
ls -l | cut -c 26-80
```

Separating Multiple Instructions

- ';' can be used to separate multiple instructions on the same line.
- Instructions will be executed independently, one after the other

Example

```
ls -l; cal; date
```