## Redirection

	MΔC	crir	tors:
1 110	ucs		iois.

- 0 = stdin
- 1 = stdout
- 2 = stderr

less < file same as less file or less 0< file

foo > file ; redirect stdout (same as foo 1> file)

foo 2> file ; redirect stderr

foo >> file; append stdout to file

foo >& file or foo > file 2>&1;

sends stdout and stderr to a file, but foo >>& file does not work; you have to do foo >> file 2>&1

Note that **foo > file 2>&1** is not the same as **foo 2>&1 > file**; the order of arguments is important.

A nice non-portable trick you can use in Linux is to take advantage of the device nodes:

- 1 /dev/stdin
- 2 /dev/stdout
- 3 /dev/stderr
- 1 \$ foo > /dev/stderr