

# SERVER ("BACK END")

# CLIENT ("FRONT END")

Machine 1 (computer + operating system)

Machine 2 (computer + operating system)



Filesystem (serial data)

static files  
(images, .html docs,  
.js files, etc.)

```
101110001110101101
010010110100101001
101010101011010101
011010010101101010
101101001010110101
01011010
```

FS  
I/O

**Node.js** process  
(C/C++ runs V8, libev, libeio)

**JavaScript** (being executed by **V8**)

JS



**Express.js** (middleware framework)



morgan (logger middleware)

next();

express.static (middleware)

next();

body-parser (middleware)

next();

express.Router (middleware)

next(err);

error handling middleware

\$ console/shell (in terminal)

HTTP

**Chrome** process  
(C/C++ runs V8, DOM, etc.)



[www.mycoolapp.com/somepath](http://www.mycoolapp.com/somepath)

Address bar (makes GET requests)

**DOM** (node tree, what gets rendered)

html

body

h1

button

**JavaScript** (executed by **V8**)

JS



> console (in dev tools)