

## HTTP Notes

**HTTP: HyperText Transfer Protocol:** the general means of communication via the World Wide Web

It's not the only transfer protocol, but it's the most commonly used and most powerful

Has methods GET, POST, PUT, DELETE, TRACE, HEAD, OPTIONS, ...

**GET:** think of this as the "R" in CRUD

Generally used for retrieving info, has no request body, appends parameters to URL in key=value pairs; also has character limit (varies based on browser)

**POST:** very powerful; the "C" in CRUD

Used to send large amounts of text or binary information; more secure, it cannot bookmark request body; has a body, so it does not append request parameters to the URL

**PUT:** the "U" in CRUD

**DELETE:** the "D" in CRUD

Will discuss the others later...

### **Status Code:**

100-199 – Informational

200-299 – OK/Success

300-399 – Redirect

400-499 – Bad Request

500-599 – Server Error