**RESTful APIs:**

REpresentational

State

Transfer

You can make your API RESTful by using specific HTTP verbs and by using a specific pattern of routes/endpoint URL’s. This helps to standardize API’s amongst different websites so they follow a known set of rules and styles.

**HTTP verbs:**GET – Reads / gets the data of your server

POST – Creates / posts the data of your server

PUT – Updates the server / DB by sending an entire entry to replace the previous.

PATCH –Updates the server / DB by sending the specific entry you want changed.

DELETE – Deletes the specified data of your server.

**Specific pattern of routes/endpoint URLs:**

|  |  |  |
| --- | --- | --- |
| HTTPS verb | /articles | /articles/jack-bauer |
| GET | Gets all the articles | Gets the specific article |
| POST | Creates one article | --- |
| PUT | --- | Updates the specific article |
| PATCH | --- | Updates the specific article |
| DELETE | Deletes all the articles | Deletes the specific article |

\*\*\* how to host on Heroku and cloud.mongo \*\*\*

You can create HTTP requests without populating the front end of your website through the use of postman. Use the form – url encoded option.

Use Robo 3T for a gui representation of your databases.