



# RESTful API with HTTP and JavaScript

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## Supplemental Materials

### To Host The Finished Web Page on the Web

You can host the finished product on the web to use or to show it to other people, or pets ;-).

Just upload the files that are emailed to you upon the completion of the course to your hosting service. No server side setup is required (REST is Client-server and layered system!)

Then go to: `<your-domain-name>/kitchenblue.html`

### Notes

Most API's require you to get an API key and submit it as part of your request. Here is some additional information on how to use API keys:

What are API Keys? Using API Keys: <https://youtu.be/1yFggyk--Zo>

### Additional References

#### In All Tasks

REST (Representational State Transfer): <https://restfulapi.net/>

HTTP with JavaScript: <https://www.freecodecamp.org/news/here-is-the-most-popular-ways-to-make-an-http-request-in-javascript-954ce8c95aaa/>

API Terminologies: <https://www.itglue.com/blog/api-beginners-terminology/>

JQuery: <https://jquery.com/>

### **Task 3**

Cross-origin resource sharing (CORS): <https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS>

3 Ways to Fix the CORS Error (this explains the Heroku URL):  
<https://medium.com/@dtkatz/3-ways-to-fix-the-cors-error-and-how-access-control-allow-origin-works-d97d55946d9>

### **Task 4**

JSON (JavaScript Object Notation): [https://www.w3schools.com/js/js\\_json\\_intro.asp](https://www.w3schools.com/js/js_json_intro.asp)

AJAX (Asynchronous JavaScript and XML): [https://www.w3schools.com/whatis/whatis\\_ajax.asp](https://www.w3schools.com/whatis/whatis_ajax.asp)

### **Task 6**

Regular Expressions: [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular\\_Expressions](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular_Expressions)

**Thanks for taking the course!!**