

This documentation is made to help you navigate the Shopify Soda™<sup>?</sup> barebones API. The API is built using the Flask framework (version 1.0.2) in Python (version 3.7.2). Please ensure that both are installed and up to date when running. If you are running this API, please ensure the products.db file is in the same directory as shopifybones.py.

An example curl command is given below for each API call that can be made. It is assumed the server will be running on localhost.

### **GET /shopify**

This endpoint returns a greeting message for the viewer.

```
curl -X GET "http://127.0.0.1:5000/shopify"
```

### **GET /shopify/products**

This endpoint returns the list of products. An argument may be added to return only products in stock.

```
curl -X GET "http://127.0.0.1:5000/shopify/products?available"
```

### **POST /shopify/products/purchaseItem**

This endpoint enacts the purchase of a queried item. An argument may be added to specify quantity (supports numerical value or 'all').

```
curl -X POST  
"http://127.0.0.1:5000/shopify/products/purchaseItem?productTitle=Pepsi&qty=all"
```

### **POST /shopify/products/viewCart**

This endpoint allows the viewing of the People's Cart. Only one instance of a cart is possible at any given time.

```
curl -X GET "http://127.0.0.1:5000/shopify/products/viewCart"
```

### **POST /shopify/products/addToCart**

This endpoint enacts the addition of items to the cart. Requests made to this endpoint must contain an argument specifying the product title. Items in the cart will have their title and price

displayed. Only one of a given item can be added and held by the cart at any time. Items with no inventory count can be added to the cart but will not be purchased when checking out.

*curl -X POST "http://127.0.0.1:5000/shopify/products/addToCart?productTitle=Pepsi"*

### **POST /shopify/products/removeFromCart**

This endpoint enacts the removal of items from the cart. Requests made to this endpoint must contain an argument specifying the product title.

*curl -X POST "http://127.0.0.1:5000/shopify/products/removeFromCart?productTitle=Pepsi"*

### **POST /shopify/products/dumpCart**

This endpoint enacts the dumping of the cart. All items will be removed from the cart and the total dollar amount reset to 0. This takes no arguments.

*curl -X POST "http://127.0.0.1:5000/shopify/products/dumpCart"*

### **POST /shopify/products/checkout**

This endpoint enacts the checkout function of the API, which purchases items currently in the cart for a quantity of one per item. The changes from these purchases are committed to the database.

*curl -X POST "http://127.0.0.1:5000/shopify/products/checkout"*