# Edgewords Self-Hosted API Server

Online computer shop product list

## Install

Extract and Run the SelfHostedWebApi.exe as **Administrator**!!!

## Fields

This holds a list of products with the following key/values

**id**: int (unique ID for each product - generated by the app)

**name**: string (product name - e.g. ‘iPad’)

**price**: int (price - e.g. ‘500’)

## Requests and response codes

### GET all products

**Request**: GET - <http://127.0.0.1:2002/api/products/>

**code**: 200 - OK

**body**:

[

  {

    "id": 1,

    "name": "iPad",

    "price": 500

  },

  {

    "id": 2,

    "name": "iPhone X",

    "price": 900

  },

  {

    "id": 3,

    "name": "Google Tablet",

    "price": 400

  }

]

### GET a single product by ID

**Request**: GET - http://127.0.0.1:2002/api/products/1

**code**: 200 - Ok, 404 - NotFound

**body**:

{

  "id": 1,

  "name": "iPad",

  "price": 500

}

### Add a product

**Request**: POST - http://127.0.0.1:2002/api/products/

{

"name": "PC",

"price": 250

}

**code:** 201 - Created, 400 - BadRequest

**body**:

{

  "id": 4,

  "name": "PC",

  "price": 250

}

### Update a product

**Request**: PUT - http://127.0.0.1:2002/api/products/1

{

"name": "HDD",

"price": 125

}

**code:**  200 - Ok, 400 - BadRequest

**body**:

{

  "id": 1,

  "name": "HDD",

  "price": 125

}

### Delete a product

**Request:** DELETE - http://127.0.0.1:2002/api/products/1

**Code**: 200 - Ok, 400 - BadRequest

**body**:

1

(just the id of the product that was deleted)