

“We are Polymer” Website Backend API Manual

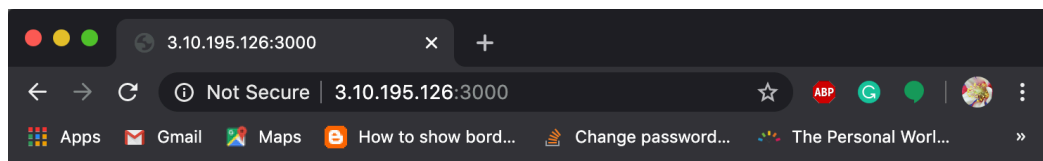
Abstract : This document has made to test the backend API of the "We are Polymer" website and to explain the using methods of API.

By written XXX.

- Server state checking API. (For admin page)

* Testing url - GET : localhost:3000/api

* Result :



Hey!!!

- Feed data adding API. (For client page)

This is an API for inputting the vendor information to the database when the vendor registers on this site.

* Testing url model :

POST : localhost:3000/api/feeds

body : JSON

```
{
  "feed_url": "...",
  "businessname": "...",
  "websiteurl": "...",
  "firstname": "...",
  "lastname": "...",
  "email": "...",
  "phonenumber": "...",
  "country_name": "...",
  "feed_type": "..."
}
```

* This is a feed data add API to Database.

feed_url : This is a feed url of json type.

businessname : This is a business name of the vendor.

websiteurl : This is a website address of the vendor.

firstname : This is first name of the vendor.

lastname : This is last name of the vendor.

email : This is a e-mail address of the vendor.

phonenumber : This is a phone number of the vendor.

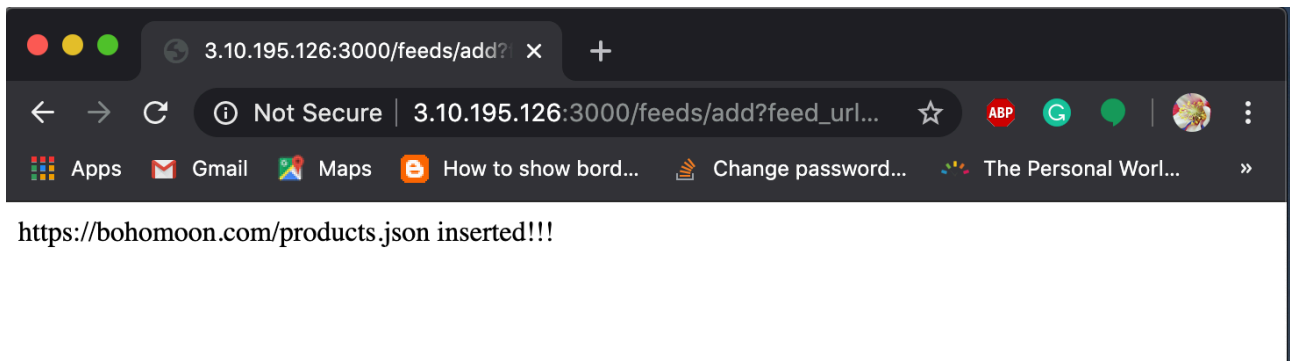
feed_type : This is a type of feed.

country_name : This is the country name of the website including added feed.
The space of the country name should be changed with "%20".

* Result :

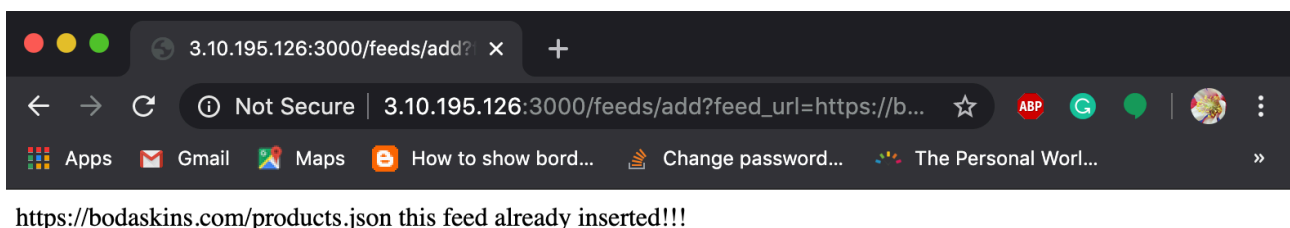
If this feed was added firstly, then you can see a sentence as follows:

"https://bodaskins.com/products.json inserted!!!"



Otherwise you can see a sentence as follows :

"https://bodaskins.com/products.json this feed already inserted!!!"



- Checked products data adding API (For admin page)

This API is used to store the product data in the database when an admin has determined to upload the products of any feed.

* Testing url model :

PUT : localhost:3000/api/feeds

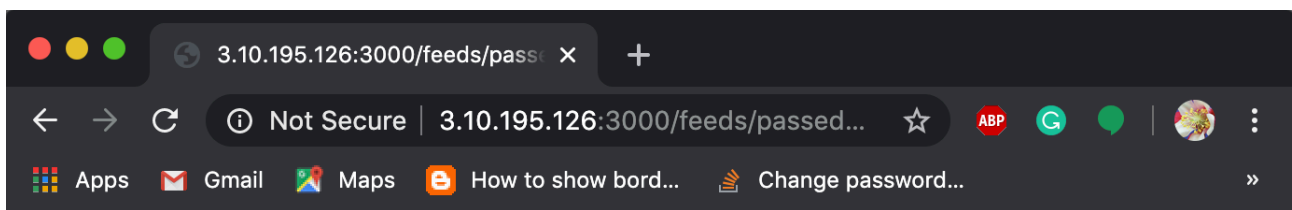
body : JSON

```
{  
  "feed_url" : "...",  
  "id" : [a1, s2,...]  
}
```

feed_url : This is a feed url of checked products.

id : This is a product id of checked products.

* Testing result



https://bellsshoes.co.uk/products.json was updated!!!

- All products data fetching API (For admin page)

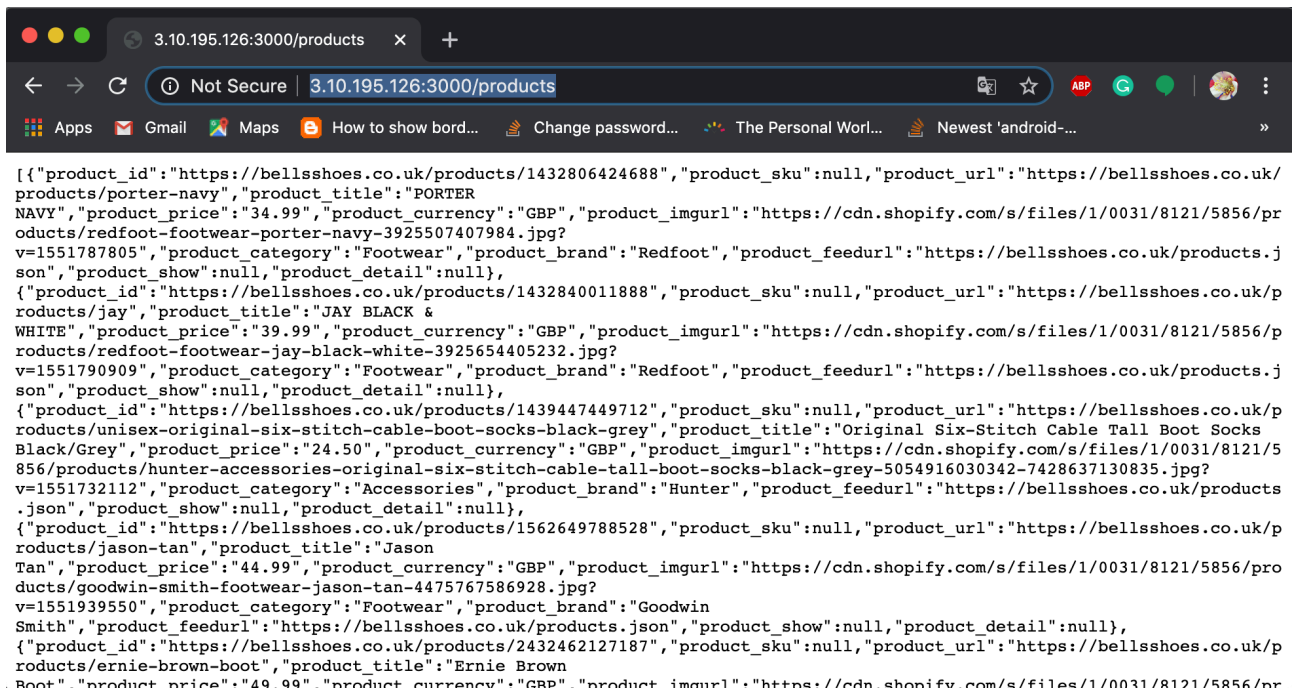
This API is used to check all product data from the database including uploaded and downloaded products on your website.

* Testing url :

GET : localhost:3000/api/products/all/false

This is a API to fetch all products data of database.

* Result : All products data shows.



```
[{"product_id": "https://bellsshoes.co.uk/products/1432806424688", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/porter-navy", "product_title": "PORTER NAVY", "product_price": "34.99", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-porter-navy-3925507407984.jpg?v=1551787805", "product_category": "Footwear", "product_brand": "Redfoot", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": null, "product_detail": null}, {"product_id": "https://bellsshoes.co.uk/products/1432840011888", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/jay", "product_title": "JAY BLACK & WHITE", "product_price": "39.99", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-jay-black-white-3925654405232.jpg?v=1551790909", "product_category": "Footwear", "product_brand": "Redfoot", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": null, "product_detail": null}, {"product_id": "https://bellsshoes.co.uk/products/1439447449712", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/unisex-original-six-stitch-cable-boot-socks-black-grey", "product_title": "Original Six-Stitch Cable Tall Boot Socks Black/Grey", "product_price": "24.50", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/hunter-accessories-original-six-stitch-cable-tall-boot-socks-black-grey-5054916030342-7428637130835.jpg?v=1551732112", "product_category": "Accessories", "product_brand": "Hunter", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": null, "product_detail": null}, {"product_id": "https://bellsshoes.co.uk/products/1562649788528", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/jason-tan", "product_title": "Jason Tan", "product_price": "44.99", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/goodwin-smith-footwear-jason-tan-4475767586928.jpg?v=1551939550", "product_category": "Footwear", "product_brand": "Goodwin Smith", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": null, "product_detail": null}, {"product_id": "https://bellsshoes.co.uk/products/2432462127187", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/ernie-brown-boot", "product_title": "Ernie Brown Boot", "product_price": "49.99", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/pr"}]
```

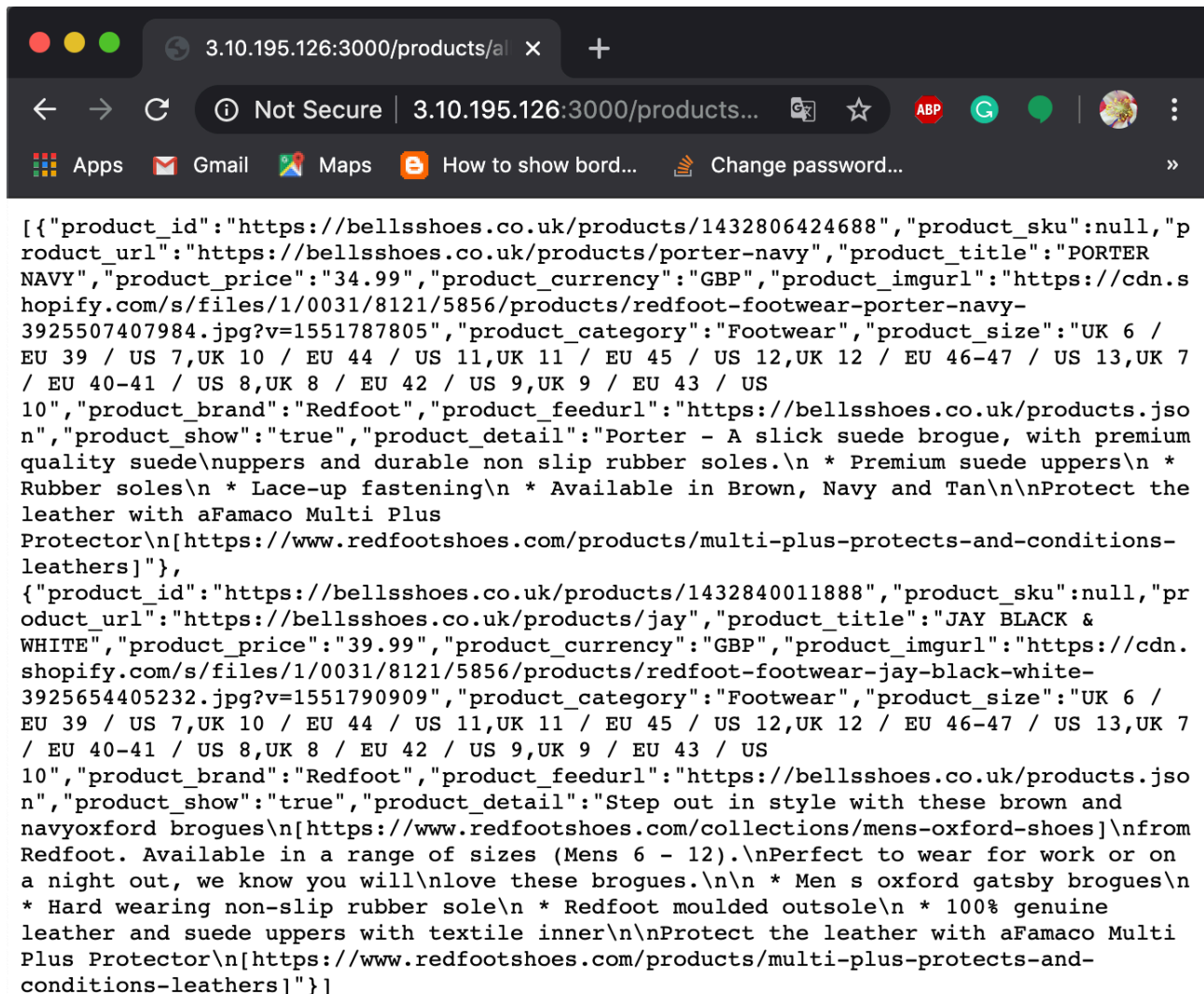
- All uploaded products data fetching API (For admin page, For website's main page)

This API is used to check all uploaded product data from the database in the admin page. Also, this API is used to show all the uploaded products on your website's main page.

*Testing url model :

GET : localhost:3000/api/products/all/true

* Testing results : All checked products data shows.



```
[{"product_id":"https://bellsshoes.co.uk/products/1432806424688","product_sku":null,"product_url":"https://bellsshoes.co.uk/products/porter-navy","product_title":"PORTER NAVY","product_price":"34.99","product_currency":"GBP","product_imgurl":"https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-porter-navy-3925507407984.jpg?v=1551787805","product_category":"Footwear","product_size":"UK 6 / EU 39 / US 7,UK 10 / EU 44 / US 11,UK 11 / EU 45 / US 12,UK 12 / EU 46-47 / US 13,UK 7 / EU 40-41 / US 8,UK 8 / EU 42 / US 9,UK 9 / EU 43 / US 10","product_brand":"Redfoot","product_feedurl":"https://bellsshoes.co.uk/products.json","product_show":"true","product_detail":"Porter - A slick suede brogue, with premium quality suede uppers and durable non slip rubber soles.\n * Premium suede uppers\n * Rubber soles\n * Lace-up fastening\n * Available in Brown, Navy and Tan\n\nProtect the leather with aFamaco Multi Plus Protector\n[https://www.redfootshoes.com/products/multi-plus-protects-and-conditions-leathers]"}, {"product_id":"https://bellsshoes.co.uk/products/1432840011888","product_sku":null,"product_url":"https://bellsshoes.co.uk/products/jay","product_title":"JAY BLACK & WHITE","product_price":"39.99","product_currency":"GBP","product_imgurl":"https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-jay-black-white-3925654405232.jpg?v=1551790909","product_category":"Footwear","product_size":"UK 6 / EU 39 / US 7,UK 10 / EU 44 / US 11,UK 11 / EU 45 / US 12,UK 12 / EU 46-47 / US 13,UK 7 / EU 40-41 / US 8,UK 8 / EU 42 / US 9,UK 9 / EU 43 / US 10","product_brand":"Redfoot","product_feedurl":"https://bellsshoes.co.uk/products.json","product_show":"true","product_detail":"Step out in style with these brown and navyoxford brogues\n[https://www.redfootshoes.com/collections/mens-oxford-shoes]\nfrom Redfoot. Available in a range of sizes (Mens 6 - 12).\nPerfect to wear for work or on a night out, we know you will love these brogues.\n\n * Men s oxford gatsby brogues\n * Hard wearing non-slip rubber sole\n * Redfoot moulded outsole\n * 100% genuine leather and suede uppers with textile inner\n\nProtect the leather with aFamaco Multi Plus Protector\n[https://www.redfootshoes.com/products/multi-plus-protects-and-conditions-leathers]}]
```

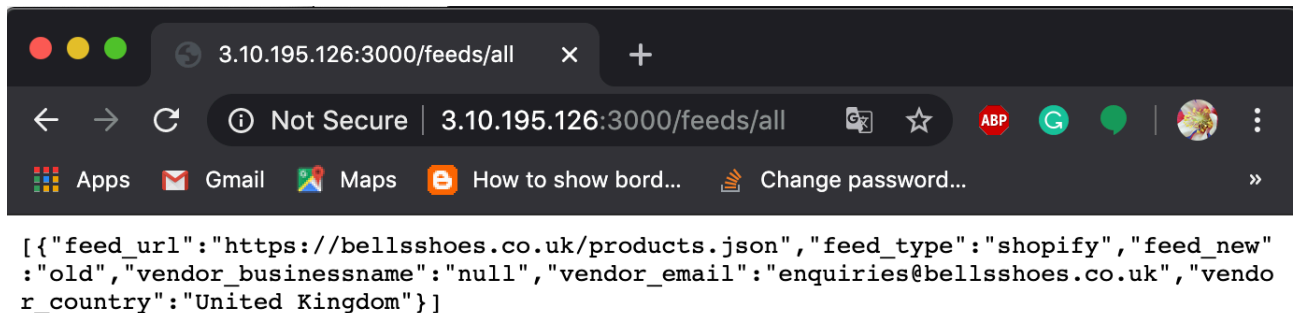
- All feeds data fetching API (For admin page)

This API is used when you want to see all feed data of your database in the admin page.

* Testing url model :

GET : localhost:3000/api/feeds/0

* Testing results : All feeds data shows.



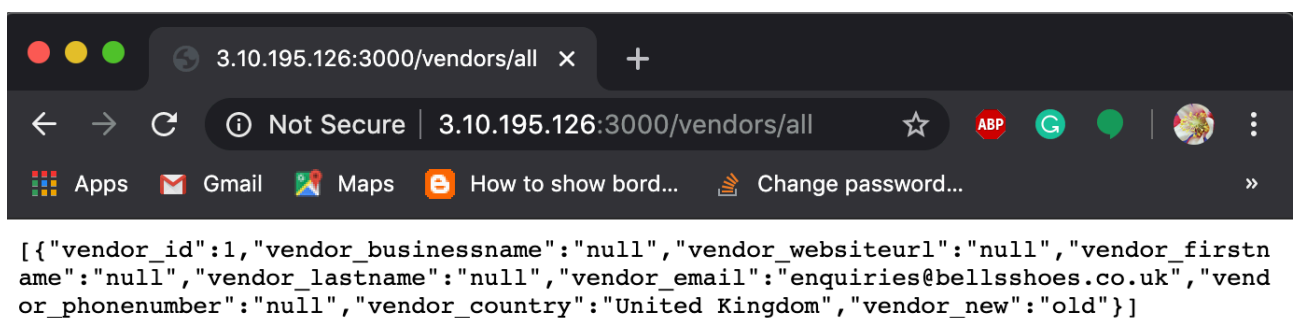
- All clients data fetching API (For admin page)

This API is used when you want to see all client data of your database in the admin page.

* Testing url model :

GET : localhost:3000/api/vendors/0

* Testing results : All vendors data shows



- The products data fetching API of the one feed (For admin page)

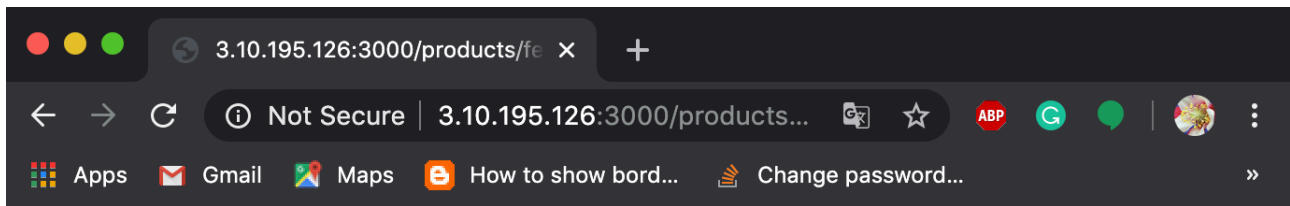
This API is used when you want to see all product data of the one feed from your database in the admin page.

* Testing url model :

GET : localhost:3000/api/feeds/feed_id

feed_id : This is an id number of fetching feed.

* Test results : All products data of fetched feed shows.



```
[{"product_id":"https://bellsshoes.co.uk/products/1432806424688","product_sku":null,"product_url":"https://bellsshoes.co.uk/products/porter-navy","product_title":"PORTER NAVY","product_price":"34.99","product_currency":"GBP","product_imgurl":"https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-porter-navy-3925507407984.jpg?v=1551787805","product_category":"Footwear","product_size":"UK 6 / EU 39 / US 7,UK 10 / EU 44 / US 11,UK 11 / EU 45 / US 12,UK 12 / EU 46-47 / US 13,UK 7 / EU 40-41 / US 8,UK 8 / EU 42 / US 9,UK 9 / EU 43 / US 10","product_brand":"Redfoot","product_feedurl":"https://bellsshoes.co.uk/products.json","product_show":"true","product_detail":"Porter - A slick suede brogue, with premium quality suede nuppers and durable non slip rubber soles.\n * Premium suede uppers\n * Rubber soles\n * Lace-up fastening\n * Available in Brown, Navy and Tan\n\nProtect the leather with aFamaco Multi Plus Protector\n[https://www.redfootshoes.com/products/multi-plus-protects-and-conditions-leathers]"}, {"product_id":"https://bellsshoes.co.uk/products/1432840011888","product_sku":null,"product_url":"https://bellsshoes.co.uk/products/jay","product_title":"JAY BLACK & WHITE","product_price":"39.99","product_currency":"GBP","product_imgurl":"https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-jay-black-white-3925654405232.jpg?v=1551790909","product_category":"Footwear","product_size":"UK 6 / EU 39 / US 7,UK 10 / EU 44 / US 11,UK 11 / EU 45 / US 12,UK 12 / EU 46-47 / US 13,UK 7 / EU 40-41 / US 8,UK 8 / EU 42 / US 9,UK 9 / EU 43 / US 10","product_brand":"Redfoot","product_feedurl":"https://bellsshoes.co.uk/products.json","product_show":"true","product_detail":"Step out in style with these brown and navyoxford brogues\n[https://www.redfootshoes.com/collections/mens-oxford-shoes]\nfrom Redfoot. Available in a range of sizes (Mens 6 - 12).\nPerfect to wear for work or on a night out, we know you will\nlove these brogues.\n\n * Men s oxford gatsby brogues\n * Hard wearing non-slip rubber sole\n * Redfoot moulded outsole\n * 100% genuine leather and suede uppers with textile inner\n\nProtect the leather with aFamaco Multi Plus Protector\n[https://www.redfootshoes.com/products/multi-plus-protects-and-conditions-leathers]"}]
```


- The products data fetching API of the one country(For admin page)

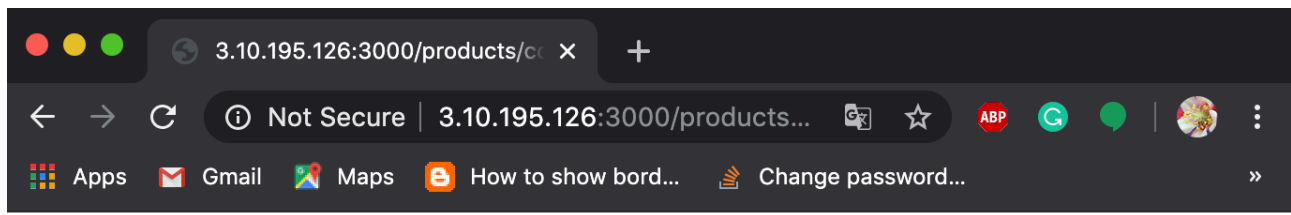
This API is used when you want to see all product data of the one country from your database in the admin page.

* Testing url model :

GET : localhost:3000/api/products/country_info/all?country=United%20Kingdom

country : This is a country name that you want to fetch the products data.

* Test results : All products data of fetched country shows.



```
[{"product_id": "https://bellsshoes.co.uk/products/1432806424688", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/porter-navy", "product_title": "PORTER NAVY", "product_price": "34.99", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-porter-navy-3925507407984.jpg?v=1551787805", "product_category": "Footwear", "product_size": "UK 6 / EU 39 / US 7, UK 10 / EU 44 / US 11, UK 11 / EU 45 / US 12, UK 12 / EU 46-47 / US 13, UK 7 / EU 40-41 / US 8, UK 8 / EU 42 / US 9, UK 9 / EU 43 / US 10", "product_brand": "Redfoot", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": "true", "product_detail": "Porter - A slick suede brogue, with premium quality suede uppers and durable non slip rubber soles.\n * Premium suede uppers\n * Rubber soles\n * Lace-up fastening\n * Available in Brown, Navy and Tan\n\nProtect the leather with aFamaco Multi Plus Protector\n[https://www.redfootshoes.com/products/multi-plus-protects-and-conditions-leathers]"}, {"product_id": "https://bellsshoes.co.uk/products/1432840011888", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/jay", "product_title": "JAY BLACK & WHITE", "product_price": "39.99", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-jay-black-white-3925654405232.jpg?v=1551790909", "product_category": "Footwear", "product_size": "UK 6 / EU 39 / US 7, UK 10 / EU 44 / US 11, UK 11 / EU 45 / US 12, UK 12 / EU 46-47 / US 13, UK 7 / EU 40-41 / US 8, UK 8 / EU 42 / US 9, UK 9 / EU 43 / US 10", "product_brand": "Redfoot", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": "true", "product_detail": "Step out in style with these brown and navy oxford brogues\n[https://www.redfootshoes.com/collections/mens-oxford-shoes]\nfrom Redfoot. Available in a range of sizes (Mens 6 - 12).\nPerfect to wear for work or on a night out, we know you will love these brogues.\n\n * Men s oxford gatsby brogues\n * Hard wearing non-slip rubber sole\n * Redfoot moulded outsole\n * 100% genuine leather and suede uppers with textile inner\n\nProtect the leather with aFamaco Multi Plus Protector\n[https://www.redfootshoes.com/products/multi-plus-protects-and-conditions-leathers]"}, {"product_id": "https://bellsshoes.co.uk/products/1439447449712", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/unisex-original-six-stitch-cable-boot-socks-black-grey", "product_title": "Original Six-Stitch Cable Tall Boot Socks Black/Grey", "product_price": "24.50", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/hunter-accessories-original-six-stitch-cable-tall-boot-socks-black-grey-5054916030342-7428637130835.jpg?v=1551732112", "product_category": "Accessories", "product_size": "L,M", "product_brand": "H
```


- The products data fetching API of the one category (For admin page)

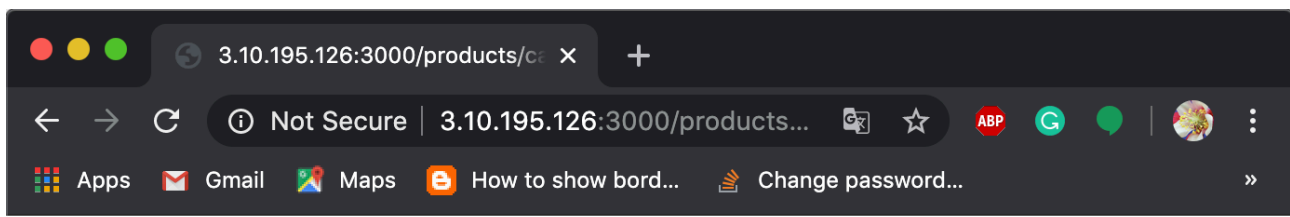
This API is used when you want to see all product data of the one category from your database in the admin page.

* Testing url model :

GET : localhost:3000/api/products/category_info/all?category=Footwear

category : This is a category name that you want to fetch the products data.

* Testing results : All products data that has the fetched category shows.



```
[{"product_id": "https://bellsshoes.co.uk/products/1432806424688", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/porter-navy", "product_title": "PORTER NAVY", "product_price": "34.99", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-porter-navy-3925507407984.jpg?v=1551787805", "product_category": "Footwear", "product_size": "UK 6 / EU 39 / US 7, UK 10 / EU 44 / US 11, UK 11 / EU 45 / US 12, UK 12 / EU 46-47 / US 13, UK 7 / EU 40-41 / US 8, UK 8 / EU 42 / US 9, UK 9 / EU 43 / US 10", "product_brand": "Redfoot", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": "true", "product_detail": "Porter - A slick suede brogue, with premium quality suede nuppers and durable non slip rubber soles.\\n * Premium suede uppers\\n * Rubber soles\\n * Lace-up fastening\\n * Available in Brown, Navy and Tan\\n\\nProtect the leather with aFamaco Multi Plus Protector\\n[https://www.redfootshoes.com/products/multi-plus-protects-and-conditions-leathers]"}, {"product_id": "https://bellsshoes.co.uk/products/1432840011888", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/jay", "product_title": "JAY BLACK & WHITE", "product_price": "39.99", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/redfoot-footwear-jay-black-white-3925654405232.jpg?v=1551790909", "product_category": "Footwear", "product_size": "UK 6 / EU 39 / US 7, UK 10 / EU 44 / US 11, UK 11 / EU 45 / US 12, UK 12 / EU 46-47 / US 13, UK 7 / EU 40-41 / US 8, UK 8 / EU 42 / US 9, UK 9 / EU 43 / US 10", "product_brand": "Redfoot", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": "true", "product_detail": "Step out in style with these brown and navyoxford brogues\\n[https://www.redfootshoes.com/collections/mens-oxford-shoes]\\nfrom Redfoot. Available in a range of sizes (Mens 6 - 12).\\nPerfect to wear for work or on a night out, we know you will\\nlove these brogues.\\n\\n * Men s oxford gatsby brogues\\n * Hard wearing non-slip rubber sole\\n * Redfoot moulded outsole\\n * 100% genuine leather and suede uppers with textile inner\\n\\nProtect the leather with aFamaco Multi Plus Protector\\n[https://www.redfootshoes.com/products/multi-plus-protects-and-conditions-leathers]"}, {"product_id": "https://bellsshoes.co.uk/products/1562649788528", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/jason-tan", "product_title": "Jason Tan", "product_price": "44.99", "product_currency": "GBP", "product_imgurl": "https://cdn.sh
```

- The products data fetching API of the one size (For admin page)

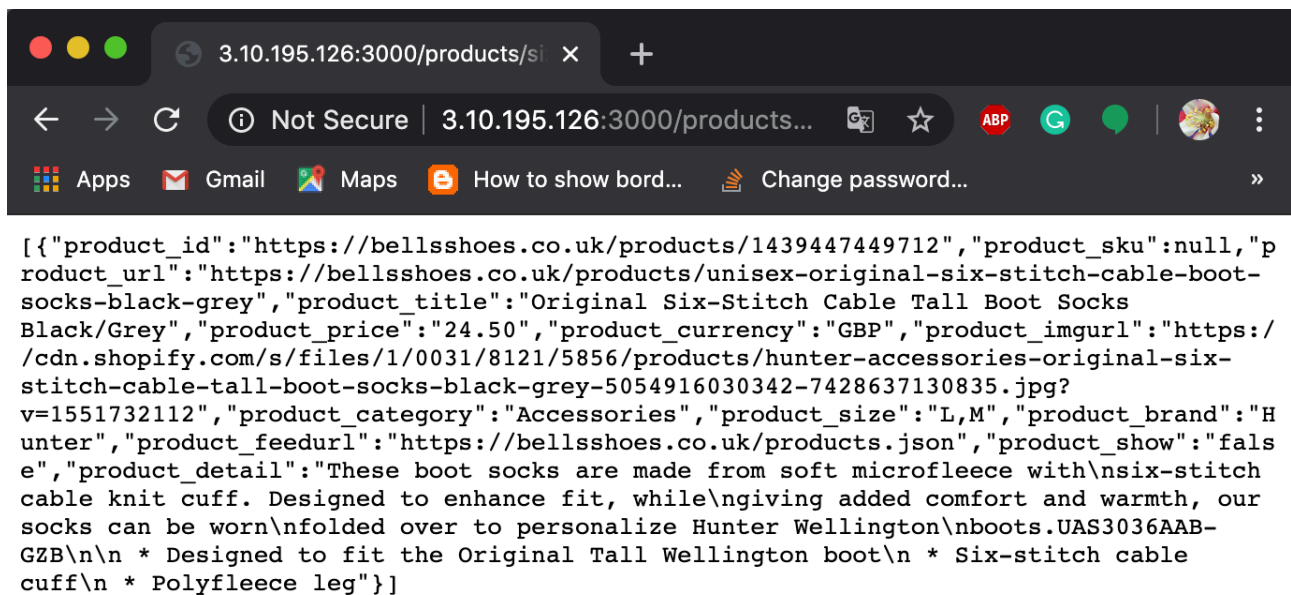
This API is used when you want to see all product data of the one size from your database in the admin page.

* Testing url model :

GET : localhost:3000/api/products/size_info/all?size=M

size : This is a size that you want to fetch the products data.

* Test results : All products data that has the this size shows.



```
[{"product_id": "https://bellsshoes.co.uk/products/1439447449712", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/unisex-original-six-stitch-cable-boot-socks-black-grey", "product_title": "Original Six-Stitch Cable Tall Boot Socks Black/Grey", "product_price": "24.50", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/hunter-accessories-original-six-stitch-cable-tall-boot-socks-black-grey-5054916030342-7428637130835.jpg?v=1551732112", "product_category": "Accessories", "product_size": "L,M", "product_brand": "Hunter", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": "false", "product_detail": "These boot socks are made from soft microfleece with\nsix-stitch cable knit cuff. Designed to enhance fit, while\ngiving added comfort and warmth, our socks can be worn\nfolded over to personalize Hunter Wellington\nboots.UAS3036AAB-GZB\n\n * Designed to fit the Original Tall Wellington boot\n * Six-stitch cable cuff\n * Polyfleece leg"}]
```

- The products data fetching API of the one brand (For admin page)

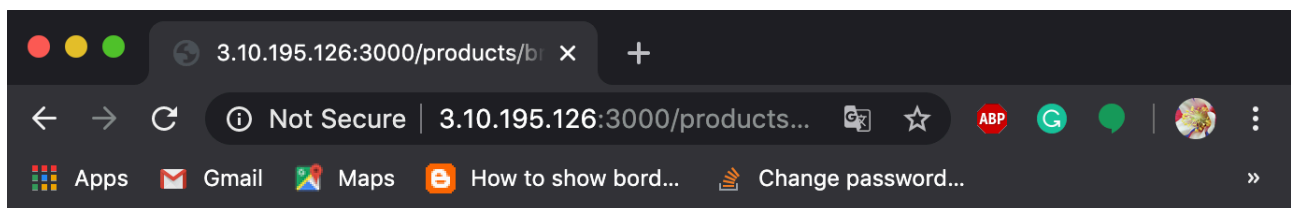
This API is used when you want to see all product data of the one brand from your database in the admin page.

* Testing url model :

GET : localhost:3000/api/products/brand_info/all?brand=Camper

brand : This is a brand that you want to fetch the products data.

* Test results : All products data that has a this brand shows.



```
[{"product_id": "https://bellsshoes.co.uk/products/2447234859091", "product_sku": null, "product_url": "https://bellsshoes.co.uk/products/micro-k200116-022-medium-brown-camper-womens-shoes", "product_title": "Micro K200116 022 Medium Brown", "product_price": "85.00", "product_currency": "GBP", "product_imgurl": "https://cdn.shopify.com/s/files/1/0031/8121/5856/products/camper-footwear-micro-k200116-022-medium-brown-camper-women-s-shoes-8431319387544-7447440883795.jpg?v=1551963263", "product_category": "Footwear", "product_size": "UK 4/ EU 37 / US 7, UK 5/ EU 38 / US 8, UK 6/ EU 39 / US 9, UK 7/ EU 40 / US 10, UK 8/ EU 41 / US 11", "product_brand": "Camper", "product_feedurl": "https://bellsshoes.co.uk/products.json", "product_show": "false", "product_detail": "These stunning Camper Micro women s platform sandals are\nperfect for summer days. Cushioned for ultra-comfort, they\noffer a stable height and a sophisticated silhouette\ndesigned in soft and elegant leather. The brown tan leather\ntwo part platform sandal also has an adjustable buckle\nfastening for ease and comfort.\n\n * 100% Leather\n * Synthetic sole\n * Insole: Leather\n * Outsole: Moulded Rubber"}]
```

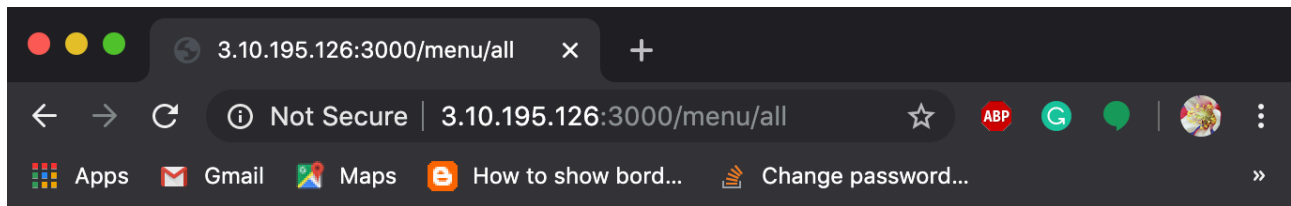
- All menu data(category, size, brand list) fetching API (For main user page)

This API is used to show all categories and sizes, brands of your products in the main user page.

* Testing url model :

GET : localhost:3000/api/menu/all

* Test results : All categories, sizes and brands of database.



```
{
  "category": [
    {
      "category_id": 1,
      "category_name": "Footwear"
    },
    {
      "category_id": 2,
      "category_name": "Accessories"
    }
  ],
  "size": [
    {
      "size_id": 1,
      "size_name": "UK 6 / EU 39 / US 7"
    },
    {
      "size_id": 2,
      "size_name": "UK 10 / EU 44 / US 11"
    },
    {
      "size_id": 3,
      "size_name": "UK 11 / EU 45 / US 12"
    },
    {
      "size_id": 4,
      "size_name": "UK 12 / EU 47 / US 13"
    },
    {
      "size_id": 5,
      "size_name": "UK 7 / EU 41 / US 8"
    },
    {
      "size_id": 6,
      "size_name": "UK 8 / EU 42 / US 9"
    },
    {
      "size_id": 7,
      "size_name": "UK 9 / EU 43 / US 10"
    },
    {
      "size_id": 8,
      "size_name": "UK 12 / EU 46-47 / US 13"
    },
    {
      "size_id": 9,
      "size_name": "UK 7 / EU 40-41 / US 8"
    },
    {
      "size_id": 10,
      "size_name": "UK 3 / EU 36 / US 5"
    },
    {
      "size_id": 11,
      "size_name": "UK 4 / EU 37 / US 6"
    },
    {
      "size_id": 12,
      "size_name": "UK 5 / EU 38 / US 7"
    },
    {
      "size_id": 13,
      "size_name": "UK 6 / EU 39 / US 8"
    },
    {
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      "size_name": "UK 7 / EU 40 / US 9"
    },
    {
      "size_id": 15,
      "size_name": "UK 8 / EU 41 / US 10"
    },
    {
      "size_id": 16,
      "size_name": "UK 9 / EU 42 / US 11"
    },
    {
      "size_id": 17,
      "size_name": "UK 7 / EU 40-41 / US 9"
    },
    {
      "size_id": 18,
      "size_name": "UK 8 / EU 42 / US 10"
    },
    {
      "size_id": 19,
      "size_name": "UK 3 / EU 36 / US 5.5-6"
    },
    {
      "size_id": 20,
      "size_name": "UK 4 / EU 37 / US 6.5-7"
    },
    {
      "size_id": 21,
      "size_name": "UK 5 / EU 38 / US 7.5-8"
    },
    {
      "size_id": 22,
      "size_name": "UK 6 / EU 39 / US 8-8.5"
    },
    {
      "size_id": 23,
      "size_name": "UK 7 / EU 40 / US 9-9.5"
    },
    {
      "size_id": 24,
      "size_name": "UK 8 / EU 41 / US 10-10.5"
    },
    {
      "size_id": 25,
      "size_name": "UK 9 / EU 42 / US 11-11.5"
    },
    {
      "size_id": 26,
      "size_name": "UK 4 / EU 37 / US 7"
    },
    {
      "size_id": 27,
      "size_name": "UK 5 / EU 38 / US 8"
    },
    {
      "size_id": 28,
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    },
    {
      "size_id": 29,
      "size_name": "UK 7 / EU 40 / US 10"
    },
    {
      "size_id": 30,
      "size_name": "UK 8 / EU 41 / US 11"
    },
    {
      "size_id": 31,
      "size_name": "L"
    },
    {
      "size_id": 32,
      "size_name": "M"
    },
    {
      "size_id": 33,
      "size_name": "UK 3.5 / EU 36 / US 5-5.5"
    },
    {
      "size_id": 34,
      "size_name": "UK 4.5 / EU 37 / US 6-6.5"
    },
    {
      "size_id": 35,
      "size_name": "UK 5 / EU 38 / US 7-7.5"
    },
    {
      "size_id": 36,
      "size_name": "UK 5.5 / EU 39 / US 8-8.5"
    },
    {
      "size_id": 37,
      "size_name": "UK 7.5 / EU 41 / US 10-10.5"
    },
    {
      "size_id": 38,
      "size_name": "UK 8 / EU 42 / US 11-11.5"
    },
    {
      "size_id": 39,
      "size_name": "UK 9 / EU 43 / US 12-12.5"
    }
  ],
  "brand": [
    {
      "brand_id": 1,
      "brand_name": "Redfoot"
    },
    {
      "brand_id": 2,
      "brand_name": "Earth Spirit"
    },
    {
      "brand_id": 3,
      "brand_name": "Joules"
    },
    {
      "brand_id": 4,
      "brand_name": "Fly London"
    },
    {
      "brand_id": 5,
      "brand_name": "Camper"
    },
    {
      "brand_id": 6,
      "brand_name": "Goodwin Smith"
    },
    {
      "brand_id": 7,
      "brand_name": "Hunter"
    },
    {
      "brand_id": 8,
      "brand_name": "Birkenstock"
    }
  ]
}
```

- Products search API for user(shopper) (For main user page)

This API is used when user want to search all product data of your products in the main user page.

* Testing url model :

GET : localhost:3000/api/products?search_q=Frost+Grey&sort=["sort key", "sort order"]&range=[0,24]&filter={"country":"null", "category":["c1", "c2"], "size":["s1", "s2"], "brand":["b1", "b2"]}

search_q : This is a keyword to search products.

sort : This is a sort item array

sort key = productname OR price

sort order = ASC or DESC

range : pagination range array

filter : JSON search conditions

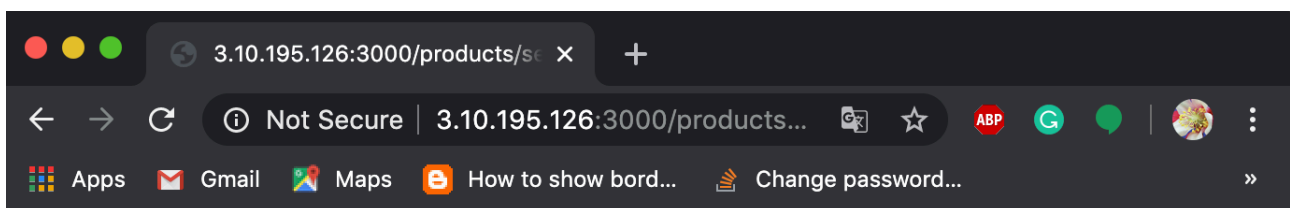
country : search country.

category : This is a category array to search products.

size : This is a size array to search products.

brand : This is a brand array to search products.

* Test results : All products data of fetched by search keywords and conditions.



```
[{"product_id":"https://bellsshoes.co.uk/products/2484051542099","product_sku":null,"product_url":"https://bellsshoes.co.uk/products/cleveland-frost-grey-1","product_title":"Cleveland Frost Grey","product_price":"39.95","product_currency":"GBP","product_imgurl":"https://cdn.shopify.com/s/files/1/0031/8121/5856/products/earth-spirit-footwear-cleveland-frost-grey-5056133464221-10942643601491.jpg?v=1556194288","product_category":"Footwear","product_size":"UK 3 / EU 36 / US 5,UK 4 / EU 37 / US 6,UK 5 / EU 38 / US 7,UK 6 / EU 39 / US 8,UK 7 / EU 40 / US 9,UK 8 / EU 41 / US 10,UK 9 / EU 42 / US 11","product_brand":"Earth Spirit","product_feedurl":"https://bellsshoes.co.uk/products.json","product_show":true,"product_detail":"These stylish Maryland grey suede leather casual shoes are created from rich material combinations, with rich T bar and cut out detail, velcro fastening and removal footbed to provide stability and comfort while walking.\n\n* Upper Material: Suede Leather\n* Lining Material: Textile\n* Fastening Type: Velcro"}, {"product_id":"https://bellsshoes.co.uk/products/2484052164691","product_sku":null,"product_url":"https://bellsshoes.co.uk/products/frisco-frost-grey-1","product_title":"Frisco Frost Grey","product_price":"35.00","product_currency":"GBP","product_imgurl":"https://cdn.shopify.com/s/files/1/0031/8121/5856/products/earth-spirit-footwear-frisco-frost-grey-5056133466188-7502692188243.jpg?v=1551713270","product_category":"Footwear","product_size":"UK 3 / EU 36 / US 5,UK 4 / EU 37 / US 6,UK 5 / EU 38 / US 7,UK 6 / EU 39 / US 8,UK 7 / EU 40 / US 9,UK 8 / EU 41 / US 10,UK 9 / EU 42 / US 11","product_brand":"Earth Spirit","product_feedurl":"https://bellsshoes.co.uk/products.json","product_show":true,"product_detail":"These stylish Maryland grey leather hiking/walking style sandals feature two adjustable straps and velcro fastening for stability, along with cushioned footbed for comfort.\n\n* Upper Material: Suede Leather\n* Lining Material: Textile\n* Fastening Type: Velcro"}]
```


- Products delete API (For admin page)

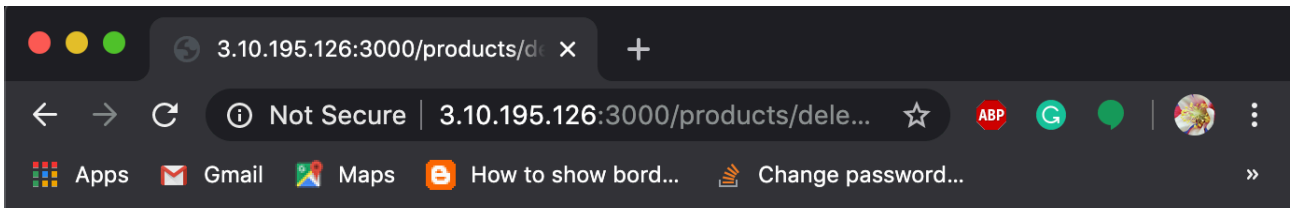
This API is used when you want to delete some product data of the one feed from your database in the admin page.

* Testing url model :

DELETE : localhost:3000/api/products/product_id

product_id : This is an id number of a product that you want to delete.

* Test results : Products were deleted.



These products were deleted.

- Feed delete API (For admin page)

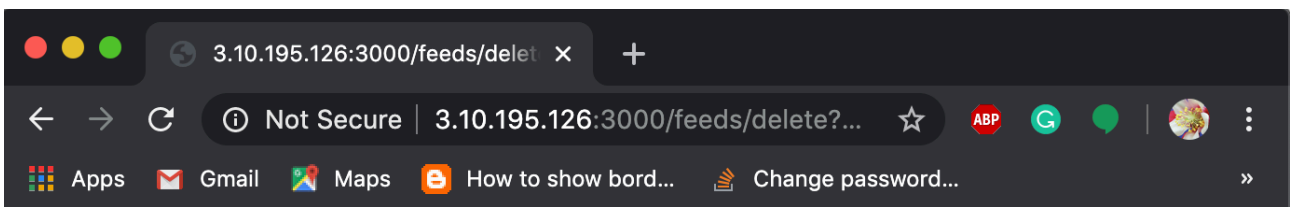
This API is used when you want to delete one feed from your database in the admin page.

* Testing url model :

DELETE : localhost:3000/api/feeds/feed_id

feed_id : This is an id number of a feed that you want to delete.

* Testing result :



https://bodaskins.com/products.json deleted!!!

- Retailer delete API (For admin page)

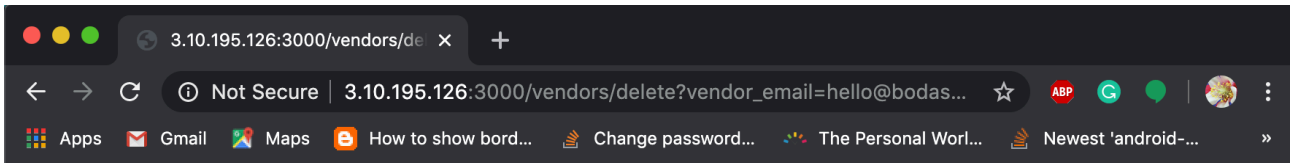
This API is used when you want to delete one client from your database in the admin page.

* Testing url model :

DELETE : localhost:3000/api/vendors/vendor_id

vendor_id : This is an id number of a retailer that you want to delete.

* Testing results :



This vendor was deleted

- Multiple products comparing API (For shopper page)

This API is used when shopper want to compare one product with other site's same one.

* Testing url model :

GET : localhost:3000/api/products/product_id

product_id : This is an id number of a product that you want to get the comparing data

Testing results : JSON string.

```
{"results":[{"product_price":"29.99","product_currency":"GBP","product_url":"https://bellsshoes.co.uk/products/james-tan-brogue"}]}
```