



# PRODUCT EXTRACTOR

## Manual

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## 1 APP DOCUMENTATION

The Product Extraxtor API service allows to extract semi-structured product descriptions from e-commerce web pages. The service provides in output a JSON object that contains all product descriptions extracted from the web page.

The Product Extractor GUI is not available at the moment.

You can use it by Product Extractor API services (see next section).

## 2 API DOCUMENTATION

The Product Extraxtor API service allows to extract semi-structured product descriptions from e-commerce web pages. The service provides in output a JSON object that contains all product descriptions extracted from the web page.

### 2.1 HOW IT WORKS

To consume the Product Extractor API, you only need to specify the url of an e-commerce web site and you will get the list of products.

In the following example we test this service on the ebay.com web site and we want all products in the page "<http://www.ebay.com/sch/Digital-Cameras-/31388/i.html>"; the service returns the results shown in the last figure (visual and json format):

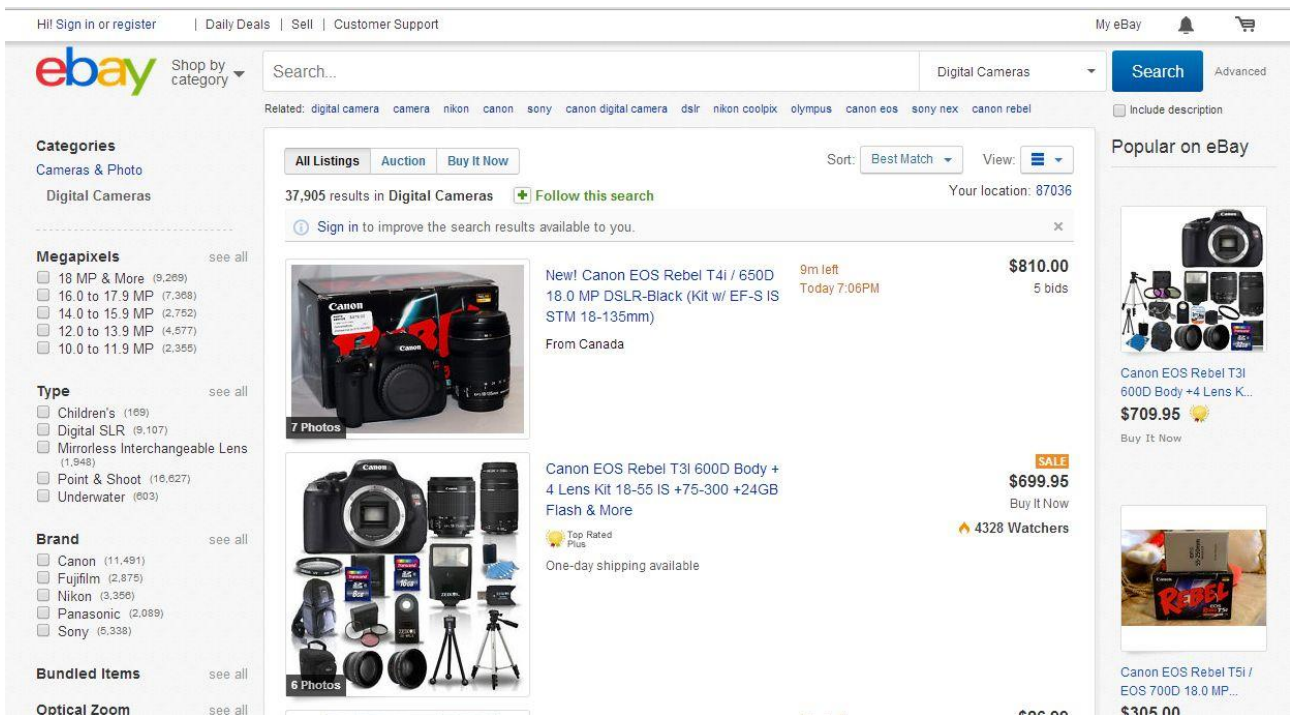


Figure 1 - web page to process.

Insert here the url of an e-commerce web page. You will get the list of products:

<http://www.ebay.com/sch/Digital-Cameras-/31388/i.html>

Figure 2 - example of input data.



[4 Photos](#)

[Kodak EASYSHARE C195 14.5 MP Digital Camera - Silver](#)

Time left: 1m left Today 5:24PM

\$18.50

22 bids



[7 Photos](#)

[Nikon D3200 Digital SLR DSLR Camera +3 Lens 18-55 VR +24GB KIT & More Brand New](#)

One-day shipping available

SALE

\$544.95

List price: \$1,049.95

Buy It Now

Free shipping

2345 Watchers



[5 Photos](#)

[Canon PowerShot G10 14.7 MP Digital Camera - Black](#)

Time left: 4m left Today 5:27PM

\$137.49

10 bids

Figure 3 -example of visual output data.

The following is the JSON output format:

```
{  
  "records": [  
    {  
      "recordId": 0,  
    }  
  ]  
}
```

```
        "extractions": [
          {
            "recordBody": "
<div class=\"\"l-shad\" lftd=\"\" pshad=\"\">
<div class=\"\"picW\"\">
<div class=\"\"picW\" div=\"\" td=\"\" recorditem=\"\" :=\"\"> </div>

"
          },
          {
            ...
          },
        ]
      }
    ]
  }
}
```

## 2.2 HOW TO USE IT

To consume the Product API, you will only need to perform a HTTP POST request on the following endpoint:

<http://mantra13dev-prod.apigee.net/mantra-services/product>

sending following arguments in a JSON message::

Arguments	Description
url	ou can specify the url of an e-commerce web page.
accessToken	Access Token.

The following example illustrates the service request and response in JSON format:

### Request

```
{
  "url": " ype the url of the single article you want to process",
  "accessToken": "your access token"
}
```

*Note: Use 'application/json' as header ContentType*

## Response

```
{
  "records":[
    {
      "recordId": 0,
      "extractions": [
        {
          "recordBody": "You will get the product record here"
        },
        {
          "recordItem": "You will get the product item here"
        },
        {
          "recordItem": "You will get the product item here"
        }
      ]
    },
    {
      "recordId": 1,
      "extractions": [
        {
          "recordBody": "You will get the product record here"
        },
        {
          "recordItem": "You will get the product item here"
        },
        {
          "recordItem": "You will get the product item here"
        }
      ]
    }
  ]
}
```

You can see the WADL to the following address:

<http://mantra13dev-prod.apigee.net/mantra-services/product>

\* Note: domain name and port values will be provided with the contract of the service.

For more information about how to use Product Extractor API in your application, send us a message to [info@altiliagroup.com](mailto:info@altiliagroup.com).