

2017-09-14

## Project: JSON Content to HTML Page to JSON Content #3

To our existing project we need the following changes:

### 1. Generate JSON file from selected items

When pressing the “+ ADD” button, somehow ‘remember’ that item. Show the number of ‘remembered items’ at the top right and add an “EXPORT” button next to it. Hitting the “EXPORT” button creates a JSON file with the following format:

```
{
  "products": [
    {
      "user": {
        "name": "Cool Store",
        "ae_store_id": "1041250",
        "language": "en",
        "countryCode": "cn"
      },
      "allImageUrls": "URL1,URL2,URL3,etc",
      "evaluateScore": "4.9",
      "currency": "USD",
      "salePrice": "0.33",
      "comparePrice": "0.35",
      "productId": 32802346596,
      "productTitle": "TITLE",
      "productDescription": "DESCRIPTION",
      "productUrl": "PRODUCTURL",
      "countriesAvailable": "US,HK,DE",
      "volume": "254"
    }
  ]
}
```

For now, these values are hardcoded:

- "language": "en"
- "countryCode": "cn"
- "countriesAvailable": "US,HK,DE"

### 2. Get store information

To get the storeName and storeURL use getPromotionProductDetail(). The storeName string can be directly used for:

- `"name": "Cool Store"`

From the storeURL (e.g. <https://www.aliexpress.com/store/1041250>), only the ID is needed in:

- `"ae_store_id": "1041250"`

### **3. Strip / separate price from currency**

Prices delivered by the Aliexpress API usually show as "US \$0.33" those need to be separated into:

1. Currency code (e.g. USD)
2. Price value (e.g. 0.33)

So as a result, they should look like:

- `"currency": "USD"`
- `"salePrice": "0.33"`
- `"comparePrice": "0.35"`

### **Conditions - Note before bidding!**

- You are not allowed to transfer or subcontract this project or parts of it to a third party.
- The copyright of the work has to be transferred completely to Swapit Limited.
- The commented source code in English and the binary files have to be delivered.
- Meaningful variable and class names should be used.
- English usage instructions have to be included.