**API Specification Doc**

**(*John\_Zen\_Cart*)**

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 | 23-May-2013 | Ray | Initial draft |
| 1.1 | 28-May-2013 | Ray | Initial draft |

Index

Methods

url : http://iwantacar.co.uk/cars/index.php/

example : http://iwantacar.co.uk/cars/index.php/api/login\_user?umail=admin&upass=abc

## List categories

List all categories of the zen-cart store without any parameter.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/store/list\_categories?parent\_id=0&language\_id=1 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | parent\_id | int : parent category id  ( 0: top level) |
| GET | language\_id | int : language id ( 1 : English) |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “categories” : ”array of categories”,  “status” : “status”  }  categories in details :  [{ "categories\_id" : "2",  "categories\_image" : "url",  "categories\_name" : “Electronic”  }] |
| categories | success : array of collection, it’s size can be 0  failure : null |
| status | success : 0  failure : -1 |

## List products

List all products under the category

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/store/ list\_products?category\_id=0&language\_id=1 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | category\_id | int : desired category id |
| GET | language\_id | int : language id ( 1 : English) |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “products” : ”array of products”,  “status” : “status”  }  products in details :  [{"products\_id" : "156",  "products\_image" : "vapor-king-vkrebel-electronic-cigarette-starter-kit-black.png",  "products\_quantity" : "943",  "products\_name" : "Vapor King Rebellion - Starter Kit - Black",  "products\_price" : "59.9500",  "products\_price\_sorter" : "59.9500"  }] |
| products | success : array of collection, it’s size can be 0  failure : null |
| status | success : 0  failure : -1 |

## List product attributes options

List all products\_options under the product

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/store/list\_products\_attributes\_options?product\_id=134&language\_id=1 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | product\_id | int : desired product id |
| GET | language\_id | int : language id ( 1 : English) |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “options” : ”array of product options values”,  “status” : “status”  }  options in details :  [{"options\_id" : "698",  "options\_name " : Storm Charger "  }] |
| options | success : array of collection, it’s size can be 0  failure : null |
| status | success : 0  failure : -1 |

## List product\_attributes\_options\_values

List all products\_options\_values under the product & options

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/store/list\_products\_attributes\_options\_values?product\_id=134&language\_id=1&option\_id=87 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | product\_id | int : desired product id |
| GET | option\_id | int : desired product\_option id |
| GET | language\_id | int : language id ( 1 : English) |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “options\_values” : ”array of product options”,  “status” : “status”  }  options\_values in details :  [{"options\_values\_id" : "122",  "options\_values\_name" : "Storm Clearomizers - Clear"  }] |
| options\_values | success : array of collection, it’s size can be 0  failure : null |
| status | success : 0  failure : -1 |

## List product\_attributes

List all products with options & options\_values under the product

displays only whose option value quantity is greater than 0.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/store/list\_products\_attributes?product\_id=134&language\_id=1 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | product\_id | int : desired product id |
| GET | language\_id | int : language id ( 1 : English) |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “attributes” : ”array of array”,  “status” : “status”  }  attributes in details :  [{"options\_id" : "29",  "options\_name" : " ELiquid",  "values\_list" : " array",  }]  values\_list in details :  [{"options\_values\_id" : "471",  "options\_values\_name" : "Amerismoke - Made in USA Liquid - Cherry High"  }] |
| attributes | success : array of collection, it’s size can be 0  failure : null |
| status | success : 0  failure : -1 |

## Checkout Products

Checkout products:

Sample Frontend File: checkout\_products.html

1. add to orders table
2. add to orders\_products table
3. add to orders\_products\_attributes table
4. add to orders\_total table
5. add to orders\_status\_history table
6. deduct product option values from products\_options\_values\_store\_1

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /index.php/store/checkout\_products |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | product\_id | array : array of product ids |
| POST | quantity | array : array of product quantities |
| POST | language\_id | int : language id |
| POST | order\_total | flaot : total value |
| POST | order\_tax | float : tax (usually 0) |
| POST | payment\_method | string : “cash” or “credit card” |
| POST | pid\_option[] | array : array of product\_option for product |
| POST | pid[] | array : array of product\_option\_values for product |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”, “error” : ”error”  } |
| status | success : 1  failure : 0 |
| error: | success : null or empty string  failure : error message |