**TRUSTO API**

v1.0.8 | 09-09-2019

For All Requests –except login request- you must send Access token, to get access token you must request login first.

All Responses are JSON type. All Response data here is for test purpose and not real data.

All Responses can return an error response example: {"error":"ERROR\_MESSAGE"}

Bold Parameters are required

**Login:**

* Description: need this request to login and get access token for further requests.
* URL: SERVER\_API\_URL? action=login
* POST Parameters:
  + **username**: get from TRUSTO support
  + **password**: get from TRUSTO support
* Response:
  + {"data":{"**access\_token**":"ACCESS\_TOKEN\_VALUE","user\_data":{"**default\_currency\_id**":1,"**default\_currency\_name**":"US Dollar","**default\_currency\_symbol**":"$","product\_param1\_desc":"Color","product\_param2\_desc":"Size"}}}
  + Error Response Example: {"error":"ERROR\_MESSAGE"}

**Check Token:**

* Description: check token is valid or expired
* URL: SERVER\_API\_URL?action=check\_token\_expiry
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response: return token validity [true or false]
  + {"is\_valid":true}

**Renew Token:**

* Description: if you already get token and want to renew it request this method
* URL: SERVER\_API\_URL?action=renew\_token
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response: same as the login response

**Get Countries:**

* Description: get countries
* URL: SERVER\_API\_URL?action=get\_countries
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response:
  + {"data":[{"Country\_ID":"1","Country\_Name":"Lebanon","Country\_Code":"LBN"},{"Country\_ID":"2","Syria":"2","Country\_Code":"SYR"}]}

**Get Cities:**

* Description: get cities
* URL: SERVER\_API\_URL?action=get\_cities
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
  + country\_id
* Response:
  + {"data":[{"City\_ID":"1","City\_Name":"Saida","Country\_ID":"1"},{"City\_ID":"2","Beirut":"2","Country\_ID":"1"}]}

**Get Add-Ons:**

* Description: get Add-Ons to be used with the product
* URL: SERVER\_API\_URL?action=get\_addons
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response:
  + {"data":[{"add\_ons\_id":1,"add\_ons\_title":"Drink","detail":[{"add\_ons\_details\_id":1,"add\_ons\_details\_title":"Pepsi"},{"add\_ons\_details\_id":2,"add\_ons\_details\_title":"Cola"}]}]}

**Get Units:**

* Description: get unit of measures
* URL: SERVER\_API\_URL?action=get\_uoms
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response:
  + {"data":[{"uom\_ID":"1","uom\_name":"PC"},{"uom\_ID":"2","uom\_name":"KG"},{"uom\_ID":"3","uom\_name":"Dozen"}]}

**Get Categories:**

* Description: get product categories
* URL: SERVER\_API\_URL?action=get\_categories
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response:
  + {"data":[{"Cat\_ID":"1","Cat\_Name":"Cat 1","category\_color":"#949494","Parent\_ID":"0"},{"Cat\_ID":"2","Cat\_Name":"Cat 2","category\_color":"#d61c1c","Parent\_ID":"0"},{"Cat\_ID":"3","Cat\_Name":"Sub Cat for Cat 1","category\_color":"","Parent\_ID":"1"}]}

**Get Brands:**

* Description: get product brands
* URL: SERVER\_API\_URL?action=get\_brands
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response:
  + {"data":[{"brand\_id":"1","brand\_name":"Brand 1"},{"brand\_id":"2","brand\_name":"Brand 2"}]}

**Get Families:**

* Description: get product families
* URL: SERVER\_API\_URL?action=get\_families
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response:
  + {"data":[{"family\_id":"1"," family \_name":"Family 1"},{" family \_id":"2"," family \_name":" Family 2"}]}

**Get Products:**

* Description: get products with units, get all products or for specific category id
* URL: SERVER\_API\_URL?action=get\_products
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
  + category\_id
* Response:
  + {"data":[{"Product\_ID":"1","Product\_Code":" A 1","product\_second\_code":"optional code","Product\_Name":"Product A","Category\_ID":2,"Product\_Quantity":"5","Product\_Vat":"0","UOM\_ID":"1","brand\_id":"0","family\_id":null,product\_param1:"",product\_param2:"",product\_param3:"",product\_param4:"","created\_time":"2019-01-01 17:20:22","modified\_time":"2019-01-01 10:48:02","product\_description":"full product description..","product\_image\_url":"http://server/image1.jpg","Product\_Disabled":0,"uoms":[{"conversion\_amount":"1","uom\_id":"1","is\_default":"1","Price":"1500","discount\_percentage":0,"price\_after\_disc":0},{"conversion\_amount":"12","uom\_id":"3","is\_default":"0","Price":"16000","discount\_percentage":0,"price\_after\_disc":0}],"add\_ons":[{"add\_ons\_id":"1","product\_add\_ons\_quantity":"3"}]},{"Product\_ID":"2","Product\_Code":"55","product\_second\_code":"","Product\_Name":"Product Two" ,"Category\_ID":2,"Product\_Quantity":"0","Product\_Vat":"11","UOM\_ID":"2","brand\_id":"3","family\_id":"2",product\_param1:"Param 1",product\_param2:"",product\_param3:"Param 3",product\_param4:"","created\_time":"2019-01-01 17:20:22","modified\_time":"2019-01-01 10:48:02","product\_description":"","product\_image\_url":"","Product\_Disabled":1,"uoms":[{"conversion\_amount":"1","uom\_id":"2","is\_default":"1","Price":"18000","discount\_percentage":50,"price\_after\_disc":9000}],"add\_ons":[]}]}

**Get Customers:**

* Description: get Customers
* URL: SERVER\_API\_URL?action=get\_customers
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
* Response:
  + {"data":[{"customer\_id":"1","Customer\_Name":"Customer A","Customer\_Mobile":"654654","Customer\_Country\_ID":"120","Customer\_City\_ID":"4080","Country\_Name":"Lebanon","City\_Name":"Saida","Customer\_Shipping\_Title":"title A","Customer\_Street":"Street A","Customer\_Building":"Building A","Customer\_Address":"address A"}, {"customer\_id":"2","Customer\_Name":"Customer B","Customer\_Mobile":"fgfr","Customer\_Country\_ID":"120","Customer\_City\_ID":"4080",
  + "Country\_Name":"Lebanon","City\_Name":"Beirut","Customer\_Shipping\_Title":"title B","Customer\_Street":"Street B","Customer\_Building":"Building B","Customer\_Address":"address B"}]}

**Add Customers:**

* Description: add customers or update customer if customer\_id already exist
* URL: SERVER\_API\_URL?action=add\_customers
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
  + {"customers":[{"customer\_id":"1","Customer\_Name":"Customer A","Customer\_Mobile":"654654","Customer\_Country\_ID":"120","Customer\_City\_ID":"4080","Customer\_Address":"default address for the customer","shipping\_street":"Street A","shipping\_building ":"Building A","shipping\_address":"address A"}, {"customer\_id":"8","Customer\_Name":"Customer B","Customer\_Mobile":"54536","Customer\_Country\_ID":"120","Customer\_City\_ID":"4080","Customer\_Address":"","shipping\_title":"title B","shipping\_street":"Street B","shipping\_building ":"Building B","shipping\_address":"address B"}]}
* Response: return only the successfully inserted customers ids inside "data" and the failed customers inside "error\_cust\_ids" and to see error detail you can check "error\_info"
  + {"data":[1,8],"error\_cust\_ids":[],"error\_info":""}

**Add Sales Invoices:**

* Description: add sales invoices
* URL: SERVER\_API\_URL?action=add\_invoices
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
  + {"invoices":[{"**Invoice\_ID**":1,"**Customer\_ID**":3,"date\_created":"2019-05-01 14:00:00","Invoice\_Currency":1,"shipping":0,"Invoice\_Description":"","inv\_discount\_percent":0,"**products**":[{"**product\_id**":2,"**quantity**":4,"**unit\_price**":"7000","**uom\_id**":2,"product\_description":"","discount\_percent":0},{"**product\_id**":5,"**quantity**":8,"**unit\_price**":"12000","**uom\_id**":1,"product\_description":"","add\_ons":[{"Quantity":4,"add\_ons\_details\_id":1},{"Quantity":1,"add\_ons\_details\_id":5}]}]},

{"**Invoice\_ID**":2,"**Customer\_ID**":12, "customer\_name\_alias":"alias name","customer\_address\_alias":"alias address","date\_created":"2019-05-01 16:30:00","shipping":2000,"Invoice\_Description":"any note full paid invoice","is\_full\_paid":1,"**products**":[{"**product\_id**":14,"**quantity**":1,"**unit\_price**":"30000","**uom\_id**":2},{"**product\_id**":22,"**quantity**":6,"**unit\_price**":"15000","**uom\_id**":1,"product\_description":"without salt"}]}]}

* Response: return only the successfully inserted invoice ids inside "success\_inv\_ids" and the failed invoices inside "error\_inv\_ids" and to see error detail you can check "error\_info"
  + {"success\_inv\_ids":[7,15],"error\_inv\_ids":[],"error\_info":""}

**Add Return Invoices:**

* Description: add return invoices
* URL: SERVER\_API\_URL?action=add\_returns
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
  + {"returns":[{"**Invoice\_ID**":1,"**Customer\_ID**":3,"date\_created":"2019-05-01 14:00:00","Invoice\_Currency":1,"Invoice\_Description":"","inv\_discount\_percent":0,"**products**":[{"**product\_id**":2,"**quantity**":4,"**unit\_price**":"7000","**uom\_id**":2,"product\_description":"","discount\_percent":0},{"**product\_id**":5,"**quantity**":8,"**unit\_price**":"12000","**uom\_id**":1,"product\_description":"","add\_ons":[{"Quantity":4,"add\_ons\_details\_id":1},{"Quantity":1,"add\_ons\_details\_id":5}]}]},

{"**Invoice\_ID**":2,"**Customer\_ID**":12, "customer\_name\_alias":"alias name","customer\_address\_alias":"alias address","date\_created":"2019-05-01 16:30:00","Invoice\_Description":"any note","**products**":[{"**product\_id**":14,"**quantity**":1,"**unit\_price**":"30000","**uom\_id**":2},{"**product\_id**":22,"**quantity**":6,"**unit\_price**":"15000","**uom\_id**":1,"product\_description":"without salt"}]}]}

* Response: return only the successfully inserted return ids inside "success\_inv\_ids" and the failed returns inside "error\_inv\_ids" and to see error detail you can check "error\_info"
  + {"success\_inv\_ids":[7,15],"error\_inv\_ids":[],"error\_info":""}

**Add Sales Order:**

* Description: add sales order
* URL: SERVER\_API\_URL?action=add\_orders
* POST Parameters:
  + **ACCESSTOKEN**: get it from login response
  + {"orders":[{"**Invoice\_ID**":1,"**Customer\_ID**":3,"date\_created":"2019-05-01 14:00:00","Invoice\_Currency":1,"shipping":0,"Invoice\_Description":"","inv\_discount\_percent":0,"**products**":[{"**product\_id**":2,"**quantity**":4,"**unit\_price**":"7000","**uom\_id**":2,"product\_description":""},{"**product\_id**":5,"**quantity**":8,"**unit\_price**":"12000","**uom\_id**":1,"product\_description":"","add\_ons":[{"Quantity":4,"add\_ons\_details\_id":1},{"Quantity":1,"add\_ons\_details\_id":5}]}]},

{"**Invoice\_ID**":2,"**Customer\_ID**":12, "customer\_name\_alias":"alias name","customer\_address\_alias":"alias address","date\_created":"2019-05-01 16:30:00","Invoice\_Description":"any note","**products**":[{"**product\_id**":14,"**quantity**":1,"**unit\_price**":"30000","**uom\_id**":2,"discount\_percent":0},{"**product\_id**":22,"**quantity**":6,"**unit\_price**":"15000","**uom\_id**":1,"product\_description":"without salt"}]}]}

* Response: return only the successfully inserted order ids inside "success\_inv\_ids" and the failed orders inside "error\_inv\_ids" and to see error detail you can check "error\_info"
  + {"success\_inv\_ids":[7,15],"error\_inv\_ids":[],"error\_info":""}