

Align Commerce API Library

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API Reference

1. Usage:

```
> from aligncommerce import api

> username      = '<your username here>'
> password      = '<your password here>'
> client_id     = '<your client id here>'
> secret_key    = '<your secret key here>'

> api = api.Api( username, password, client_id, secret_key )
```

2. Products

2.1 Create Product

Request:

```
create_product_data = {
    'product_name' : '<product name>',
    'product_description' : '<description>',
    'product_price' : <product price>,
    'product_shipping' : <shipping price>
}
api.productCreate(create_product_data)
```

Response:

```
{
    "status":200,
    "error":false,
    "data":{
        "product_id":"Zfp4dWqWrFSHBw2rvPmB",
        "merchant_id":"61",
        "date_added":{
            "date":"2014-10-07 02:34:28",
            "timezone_type":3,
            "timezone":"UTC"
        },
        "product_name":"Test Product Name1",
        "product_description":"Test Product Name1",
        "product_price":"20",
        "product_shipping":"10",
        "id":235
    },
    "message":"Product has been successfully added."
}
```

2.2 Update a Product

Required: product_id

Request:

```
create_product_data = {  
    'product_name' : '<product name>',  
    'product_description' : '<description>',  
    'product_price' : <product price>,  
    'product_shipping' : <shipping price>  
}  
api.productUpdate(create_product_data)
```

Response:

```
{  
    "status":200,  
    "error":false,  
    "update":{  
        "product_name":"Test Product Namelaaa",  
        "product_description":"Test Product Namelaaa",  
        "product_price":"20",  
        "product_shipping":"10",  
        "product_sku":null,  
        "product_clicks":null,  
        "callback_url":null,  
        "bitcoin_button":null  
    },  
    "message":"Product has been successfully updated."  
}
```

2.3 Retrieve Product Information

Required: product_id

Request:

```
api.productInfo('<product_id>')
```

Response:

```
{  
    "status":200,  
    "error":false,  
    "total_count":1,  
    "data":[{  
        "row_id":"235",  
        "product_id":"Zfp4dWqWrFSHBw2rvPmB",  
        "merchant_id":"61",  
    }]
```

```

        "product_name":"Test Product Namelaaa",
        "product_description":"Test Product Namelaaa",
        "product_price":"20.0000000000000000",
        "product_shipping":"10.0000000000000000",
        "product_sku":null,
        "product_clicks":null,
        "product_embedcode":null,
        "callback_url":null,
        "bitcoin_button":null,
        "date_added":"2014-10-07 02:34:28",
        "date_updated":null
    }
}

```

2.4 Product List

Request:

```
api.productList()
```

Response:

```

{
    "status":200,
    "error":false,
    "total_count":1,
    "data":[{
        "row_id":"235",
        "product_id":"Zfp4dWqWrFSHBw2rvPmB",
        "merchant_id":"61",
        "product_name":"Test Product Namelaaa",
        "product_description":"Test Product Namelaaa",
        "product_price":"20.0000000000000000",
        "product_shipping":"10.0000000000000000",
        "product_sku":null,
        "product_clicks":null,
        "product_embedcode":null,
        "callback_url":null,
        "bitcoin_button":null,
        "date_added":"2014-10-07 02:34:28",
        "date_updated":null
    }]
}

```

3. Invoice

3.1 Create Invoice

Request:

```
create_invoice_data = {
    'currency' : 'USD',
    'checkout_type' : 'btc',
    'products' : [{
        'product_name' : 'Test Product 1',
        'product_price' : '1',
        'quantity' : '1',
        'product_shipping' : '1'
    }],
    'buyer_info' : {
        'first_name' : 'Testbuyer1',
        'last_name' : 'Testbuyer1',
        'email' : 'mail@mail.com',
        'address_1' : 'Testbuyer1',
        'address_2' : 'Testbuyer1'
    }
}
api.invoiceCreate(create_invoice_data)
```

Response:

```
{
    "status":200,
    "error":false,
    "data":{
        "checkout_type":"btc",
        "currency":"USD",
        "products":[{
            "product_price":"1",
            "product_name":"Test Product 1",
            "product_shipping":"1",
            "quantity":"1"
        }],
        "buyer_info":{
            "first_name":"Testbuyer1",
            "last_name":"Testbuyer1",
            "email":"mail@mail.com",
            "address_2":"Testbuyer1",
            "address_1":"Testbuyer1"
        },
        "cart_id":"gd73YIgnGtoUGGuXEWxG",
        "invoice_id":"ctm0PSPDuVlcYE9eaBia",
        "redirect_url":"https:\\\\pinkytorres.com\\return_url",
        "ipn":"https:\\\\pinkytorres.com\\ipn",
        "total_price":1,
```

```

        "total_shipping":1,
        "total_quantity":1,
        "buyer_id":"692",
        "invoice_url":"https:\\\\aligncommerce.com\\invoice\\ctm0PSPDuVlcYE9eaBia"
    }
}

```

3.2 Retrieve Invoice

Required: invoice_id

Request:

```
api.invoiceInfo('ctm0PSPDuVlcYE9eaBia')
```

Response:

```

{
    "status":200,
    "error":false,
    "data":{
        "invoiceid":"ctm0PSPDuVlcYE9eaBia",
        "cart_status":"pending",
        "buyerdetails":{
            "buyer_id":"692",
            "first_name":"Testbuyer1",
            "last_name":"Testbuyer1",
            "email":"mail@mail.com",
            "address_1":"Testbuyer1",
            "address_2":"Testbuyer1",
            "address_number":null,
            "address_city":null,
            "address_state":null,
            "address_zip":null,
            "address_country":null,
            "address_phone":null,
            "date_added":null,
            "date_updated":null
        },
        "productcart":[{
            "product_id":"Q895p8GXYSwAHEejab6s",
            "product_name":"Test Product 1",
            "product_description":null,
            "product_price":"1.0000000000000000",
            "product_shipping":"1.0000000000000000",
            "quantity":"1"
        }]
    }
}

```

```
}  
}
```

3.3 List all Invoice

Request:

```
api.invoiceList()
```

Response:

```
{  
  "status":200,  
  "error":false,  
  "data":{  
    "invoice_id":"ctm0PSPDuVlcYE9eaBia",  
    "cart_status":"pending",  
    "buyerdetails":{"buyer_id":"692","first_name":"Testbuyer1",  
      "last_name":"Testbuyer1",  
      "email":"mail@mail.com",  
      "address_1":"Testbuyer1",  
      "address_2":"Testbuyer1",  
      "address_number":null,  
      "address_city":null,  
      "address_state":null,  
      "address_zip":null,  
      "address_country":null,  
      "address_phone":null,  
      "date_added":null,  
      "date_updated":null  
    },  
    "productcart":[{  
      "row_id":"1590",  
      "cart_id":"gd73YIgnGtoUGGuXEWxG",  
      "invoice_id":"ctm0PSPDuVlcYE9eaBia",  
      "product_id":"Q895p8GXYSwAHEejab6s",  
      "quantity":"1",  
      "date_added":"2014-10-07 04:31:49",  
      "date_updated":null,  
      "product_cart_info":{  
        "row_id":"232",  
        "product_id":"Q895p8GXYSwAHEejab6s",  
        "merchant_id":"61",  
        "product_name":"Test Product 1",  
        "product_description":null,  
        "product_price":"1.0000000000000000",  
        "product_shipping":"1.0000000000000000",  
        "product_sku":null,  

```

```

        "product_clicks":null,
        "product_embedcode":null,
        "callback_url":null,
        "bitcoin_button":null,
        "date_added":"2014-10-02 01:34:02",
        "date_updated":null
    }
}
}

```

4. Buyer

4.1 Retrieve a Buyer

Request:

```
api.buyerInfo('564')
```

Response:

```

{
    "status":200,
    "error":false,
    "total_count":5,
    "data":[{
        "buyer_id":"564",
        "first_name":"Test One",
        "last_name":"Test One",
        "email":"testone@mail.com",
        "address_1":"Test One Address",
        "address_2":"Test One Address2",
        "address_number":null,
        "address_city":null,
        "address_state":null,
        "address_zip":null,
        "address_country":null,
        "address_phone":null
    }]
}

```

4.2 Buyer List

Request:

```
api.buyerList()
```


Response:

```
{
  status: 200,
  error: false,
  total_count: 2,
  data: [{
    buyer_id: "38",
    first_name: "asdf",
    last_name: "sadf",
    email: "mervinnnovera@gmail.com",
    address_1: "asdf",
    address_2: "asdf",
    address_number: null,
    address_city: "asdf",
    address_state: "asdf",
    address_zip: "asdf",
    address_country: "Afghanistan",
    address_phone: "asdf",
    date_added: null,
    date_updated: null,
    row_id: "655",
    cart_id: "SVkBhBBvuC4Ehf6ezua5",
    invoice_id: "ydHybTChahd6I7lwffZD",
    merchant_id: "64",
    pi_session_id: null,
    generated_from: "api",
    crypto_type: null,
    cart_status: "pending"
  },
  {
    buyer_id: "526",
    first_name: "asdf",
    last_name: "asdf",
    email: "asdf",
    address_1: "asdf",
    address_2: "asdf",
    address_number: null,
    address_city: null,
    address_state: null,
    address_zip: null,
    address_country: null,
    address_phone: null,
    date_added: null,
    date_updated: null,
    row_id: "660", cart_id: "8FzHRqwlwRW6OsXOBiiW",
```

```
        invoice_id: "9ellrWZ02h936SZySDeW",  
        merchant_id: "64",  
        pi_session_id: null,  
        generated_from: "api",  
        crypto_type: null,  
        cart_status: "pending"  
    }  
}
```