

API

Table of Contents

API Overview.....	4
Common API Errors.....	7
Additional API Resources.....	8
Filtering API Results.....	9
API - chart_of_accounts/.....	11
API - credit_memos/.....	12
API - currencies/.....	20
API - customers/.....	21
API - divisions/.....	24
API - inventory/.....	26
API - invoices/.....	28
API - locations/.....	40
API - orders/.....	42
API - payments/.....	51
API - pick_tickets/.....	54
API - product_attributes/.....	58
API - products/.....	59
API - projects/.....	66
API - purchase_orders/.....	70
API - receivers/.....	77
API - return_authorizations/.....	89
API - salespeople/.....	96
API - ship_methods/.....	97
API - shipping_terms/.....	99
API - size_ranges/.....	101
API - sku_warehouse/.....	102
API - terms/.....	104
API - users/.....	105
API - vendors/.....	106
API - warehouses/.....	108

API - shipments/	109
API - events/	114
Working with foreign amounts/values using the API	116
API - order_items/	117

API Overview

The ApparelMagic Cloud API provides programmatic access to many of the modules inside the system. The API attempts to conform to design principles of Representational State Transfer (REST). Our APIs use the [JSON](#) and [XML](#) data formats.

All API requests must use HTTPS.

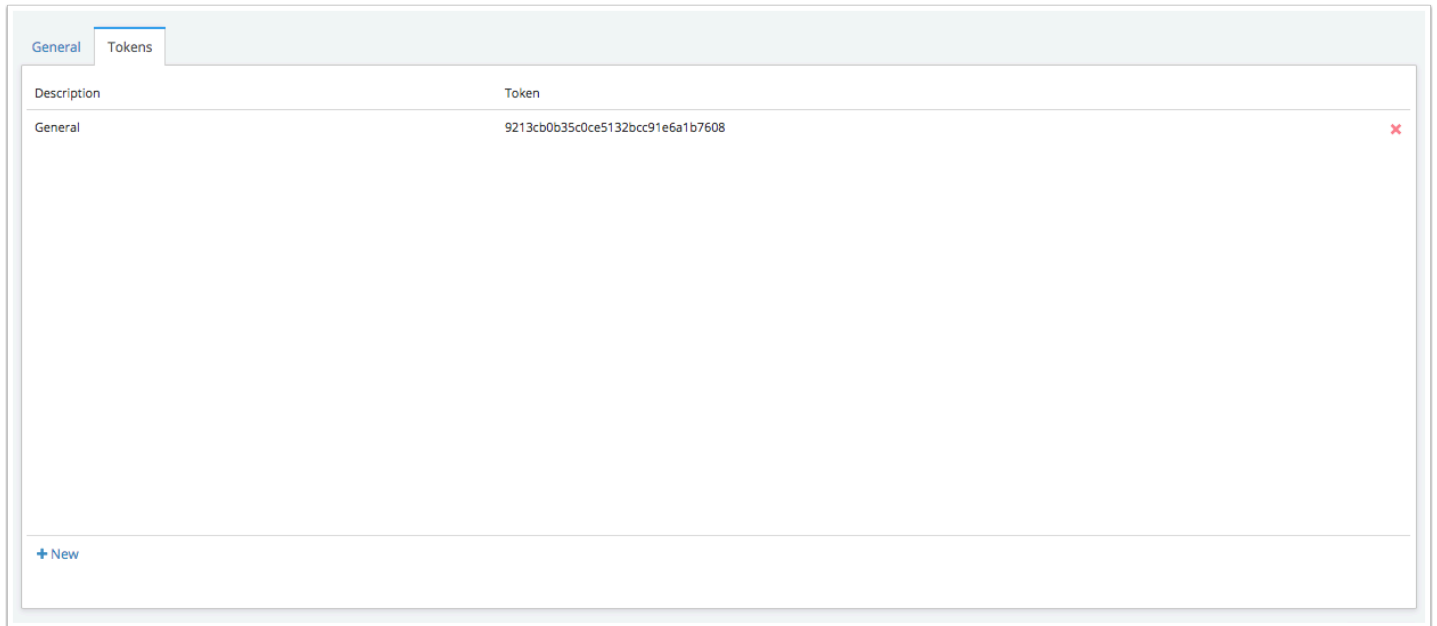
Making a Request

All requests made to the ApparelMagic API must contain several variables used for identification and security purposes:

- time - a unix timestamp from the moment the request is made
- token - a code given that identifies the user that is accessing the API and allows the user to perform API related functions

```
// the unix time
$time = time();
// the token
$token = '2d3ce34592174e6848elec40178ca727';
// construct the array with the time, token, and any other values necessary
// for the request you are making (making sure all values are type casted to strings)
$request_array = array('time' => (string) $time, 'token' => (string) $token);
```

Creating Tokens



Create a new token by going to settings > API > click on the tokens tab > click the + New button in the bottom left hand corner and enter the description of the token.

Pagination

When making a GET request, you can specify the following pagination settings: `page_size` and `page_number`. The setting `page_size` determines how many records are returned. This `page_size` setting must be numeric and defaults to 100. The setting `page_number` determines which page to start with. For example, if the `page_size` was 10 and the `page_number` was 3, we would begin by returning the 21st record.

Here is an example request in PHP:

```
$request_array = array('time' => (string) $time, 'token' => (string) $token,
'pagination'=> array('page_number'=>'1', 'page_size'='100'));
```

Here is an example response structure:

```
[meta] => stdClass Object
(
    [errors] => Array()
    [pagination] => stdClass Object
        (
            [number_records_returned] => 10
            [total_records] => 54
        )
)
```

```
        [total_pages] => 6
        [current_page] => 1
    )
)
```

The pagination information is returned in the `meta` information on every request that uses pagination. The `number_records_returned` is the total number of records returned by this API response. It will never be larger than `page_size`. If the `number_records_returned` is less than the `page_size`, then you know there are no more records to get. The `total_records` value is the total number of records for this API call if no pagination was used. The `total_pages` lets you know based on the `total_records` and `page_size` how many total pages there are in this set. The `current_page` is the page returned in this API response, it will be the same as `page_num`.

Return Data Type

By default, all return data will be represented in the format specified under Settings > API, however the request type may be overridden on each request made by prepending it to the module endpoint in the request URL. For example: <https://company.app.apparelmagic.com/api/json/orders/> or <https://company.app.apparelmagic.com/api/xml/orders/>.

Common API Errors

HTTP Error Codes

302 Found: Generally an indicator that your URL is malformed. Please ensure you have a trailing backslash in your URL

307 Temporary Redirect: You've attempted to access a URL that is not a part of the API.

400 Bad Request: You've attempted to access an endpoint that doesn't exist or you didn't specify an endpoint at all. This can also mean you're attempting to use a field that does not exist on the target table or a field/value that causes a query error.

401 Unauthorized: Meaning any of the following:

- The subdomain used does not exist or doesn't match the token used
- The token or time were not sent
- Your request was too old (your timestamp was too far from the timestamp generated on the server)
- The token is not valid
- Your content type sent in the request headers does not match that of the payload sent to the API

404 Not Found: The method you're using does not exist for the selected endpoint.

I got a completely empty response!

If your response was completely empty, it may be an indicator of a malformed array. Please ensure your array structure matches that of the example for the endpoint you are working with.

Additional API Resources

To learn more about the tools used when communicating with the ApparelMagic API, please consult with the following resources:

http://en.wikipedia.org/wiki/Representational_State_Transfer

<http://rest.elkstein.org/>

<http://www.json.org/>

<http://www.w3schools.com/json/default.asp>

Filtering API Results

Using the **parameters** index in your request array, you can filter the results of any GET request made to the ApparelMagic API. The examples below will display several different use cases.

Each value of the **parameters** array is an array itself containing the following fields:

- field (required)
- value (required)
- operator (can be "=", "!=", ">", "<", "<=", or ">=")
- include_type (can be "OR" or "AND")

Retrieving a Specific Record Using the URL

GET {endpoint}/{id}

ex:

- inventory/1054
- orders/1001
- pick_tickets/2937

Retrieving a Specific Record Using Parameters

GET inventory/

Retrieve SKU 1054

```
array(4) {
  ["time"]=>
  string(10) "1435613822"
  ["token"]=>
  string(3) "... "
  ["parameters"]=>
  array(1) {
    [0]=>
    array(3) {
      ["field"]=>
      string(6) "sku_id"
      ["operator"]=>
      string(1) "="
    }
  }
}
```

```
    ["value"]=>
      string(4) "1054"
  }
}
```

Retrieving Multiple Records Using Parameters

GET inventory/

Retrieve SKUs 1054 and 1055

```
array(4) {
  ["time"]=>
  string(10) "1435614013"
  ["token"]=>
  string(3) "... "
  ["parameters"]=>
  array(2) {
    [0]=>
    array(4) {
      ["field"]=>
      string(6) "sku_id"
      ["operator"]=>
      string(1) "="
      ["include_type"]=>
      string(2) "OR"
      ["value"]=>
      string(4) "1054"
    }
    [1]=>
    array(4) {
      ["field"]=>
      string(6) "sku_id"
      ["operator"]=>
      string(1) "="
      ["include_type"]=>
      string(2) "OR"
      ["value"]=>
      string(4) "1055"
    }
  }
}
```

API - chart_of_accounts/

GET

chart_of_accounts/ – Returns a list of Accounts based on the criteria in the request array. If no criteria is specified will return all Aroducts in the system.

chart_of_accounts/:account_id – Returns a single Account, specified by the id parameter.

Sample

GET chart_of_accounts/1000

```
{
  "response": [
    {
      "account_id": "1001",
      "gl_acct": "1100",
      "description": "AR - House",
      "type": "Asset",
      "subtype": "Current Assets",
      "payment_instructions": "Pay to:\nXYZ Apparel Company\n512 Main
St.\nLos Angeles CA 90210",
      "is_bank_acct": "0",
      "is_other": "0",
      "is_checking_acct": "0",
      "is_ar_acct": "1",
      "is_ap_acct": "0",
      "is_customer_credit_acct": "0",
      "is_deposit_acct": "0",
      "is_pl_acct": "0",
      "is_bal_sheet_acct": "0",
      "division_id": "",
      "xero_id": "",
      "xero_synced": "0"
    }
  ],
  "meta": {
    "errors": []
  }
}
```

API - credit_memos/

GET

credit_memos/ - Returns a list of Credit Memos based on the criteria in the request array. If no criteria is specified will return all Credit Memos in the system.

credit_memos/:credit_memo_id - Returns a single Invoice, specified by the id parameter.

Sample Response

```
{
  "response": [
    {
      "credit_memo_id": "1000",
      "warehouse_id": "1000",
      "invoice_id": null,
      "return_authorization_id": null,
      "customer_id": "1003",
      "division_id": "1000",
      "date": "11\20\2014",
      "date_start": null,
      "date_due": null,
      "terms_id": "1001",
      "qty": "0",
      "amount": "0.00",
      "amount_paid": "0.00",
      "amount_subtotal": "0.00",
    }
  ]
}
```

```
"pct_discount":"","  
"amount_discount":"0.00",  
"tax_rate":"","  
"tax_rate_2":"0.0000",  
"tax_first_tax_amount":"1",  
"amount_tax":"0.00",  
"amount_tax_2":"0.00",  
"amount_tax_total":"0.00",  
"amount_freight":"0.00",  
"amount_taxable":"900.00",  
"balance":"0.00",  
"notes":"","  
"private_notes":null,  
"department":null,  
"customer_po":null,  
"ship_to_id":null,  
"address_1":"4239 Street Lane",  
"address_2":null,  
"city":"San Luis Obispo",  
"state":"CA",  
"postal_code":"93401",  
"country":"USA",  
"phone":"555-739-7204",  
"salesperson":null,
```

```
"season":null,

"commission_rate":null,

"ship_via":null,

"tracking_number":null,

"ar_acct":"1100",

"reason":null,

"approval_number":null,

"void":"1",

"is_locked":"0",

"is_posted":"0",

"weight":null,

"error":"0",

"currency_id":"1000",

"currency_rate":"1.0000",

"xero_id":null,

"xero_synced":"0",

"description_misc":null,

"qty_misc":"0.00",

"rate_misc":"0.00",

"amount_misc":"0.00",

"quickbooks_id":null,

"quickbooks_sync_status":"Not Synced",

"quickbooks_sync_message":null,

"quickbooks_sync_datetime":null,
```

```
    "ship_to_name":null,

    "provider":null,

    "credit_memo_items":[

    ]

  }

],

"meta":{

  "errors":[

  ]

}

}
```

GET credit_memos/1000

POST

Required fields:

(header)

customer_id: The customer for this transaction. This can be retrieved from the [customers/](#) endpoint.

division_id: The division for this transaction (if not specified on the customer). This can be retrieved from the [divisions/](#) endpoint.

ar_acct: The A/R account for this transaction (if not specified on the customer). This can be retrieved from the [chart_of_accounts/](#) endpoint.

warehouse_id: The warehouse for this transaction (if no default is specified in Settings > Dictionaries > Warehouses). This can be retrieved from the [warehouses/](#) endpoint.

currency_id: The currency for this transaction (if no default is specified in Settings > Accounting > Currencies).

(items)

sku_id: The unique ID for the SKU desired. This can be retrieved from the [inventory/](#) endpoint.

qty: The number of units for the item

Additional required fields for crediting an invoice:

(header)

invoice_id: The invoice that you would like to reference on this credit memo.

(items)

invoice_item_id: The invoice item that you would like to reference on a particular credit memo item.

NOTE: If you are going to be fully crediting the invoice, we would recommend performing the credit PUT request on the `invoices/` endpoint. The method mentioned above is specifically for partial credits.

Sample Request

```
array(4) {
  ["time"]=>
  string(10) "1435333403"
  ["token"]=>
  string(3) "... "
  [0]=>
  array(2) {
    ["header"]=>
    array(1) {
      ["customer_id"]=>
      string(4) "1000"
    }
    ["items"]=>
    array(5) {
      [0]=>
      array(3) {
        ["sku_id"]=>
        string(4) "1000"
        ["qty"]=>
        string(2) "10"
        ["is_taxable"]=>
        string(1) "1"
      }
      [1]=>
      array(3) {
        ["sku_id"]=>
        string(4) "1001"
        ["qty"]=>
```



```

    string(2) "10"
    ["is_taxable"]=>
    string(1) "1"
  }
  [2]=>
  array(5) {
    ["sku_id"]=>
    string(4) "1002"
    ["qty"]=>
    string(2) "10"
    ["unit_price"]=>
    string(5) "68.00"
    ["amount"]=>
    string(6) "680.00"
    ["is_taxable"]=>
    string(1) "1"
  }
  [3]=>
  array(3) {
    ["sku_id"]=>
    string(4) "1003"
    ["qty"]=>
    string(2) "10"
    ["is_taxable"]=>
    string(1) "1"
  }
  [4]=>
  array(3) {
    ["sku_id"]=>
    string(4) "1004"
    ["qty"]=>
    string(2) "10"
    ["is_taxable"]=>
    string(1) "1"
  }
}
}
}

```

POST credit_memos/

Errors

Invalid customer: The customer specified by customer_id or customer_name was not found.

No Division specified: The customer did not have a default division specified or no division was specified in the request.

No warehouse specified: No default warehouse was specified (under Settings > Dictionaries > Warehouses) or no warehouse was specified in the request.

No AR Acct specified: The customer did not have a default AR account or no AR account was specified in the request.

No currency specified: The customer did not have a default currency or no currency default currency was specified (under Settings > Accounting > Currencies).

Invalid Qty: A zero or non-integer value was used for the qty field value.

Invalid SKU: No SKU could be found based on the either the sku_id or combination of product_id, attr_2, attr_3, and size.

PUT

Required fields:

credit_memo_id: The primary key

Fields allowed for update:

Header level - "notes", "amount_freight", "shipping_info", "address_1", "address_2", "city", "state", "postal_code", "country", "terms_id", "date", "date_start", "date_due", "phone", "ship_via"

Item level - "qty", "is_damaged"

Sample Request

```
array(5) {
  ["time"]=>
  string(10) "1435335841"
  ["token"]=>
  string(3) "... "
  ["amount_freight"]=>
  string(5) "14.43"
  ["items"]=>
  array(2) {
    [0]=>
    array(2) {
      ["id"]=>
      string(4) "1191"
      ["qty"]=>
      string(1) "4"
    }
    [1]=>
    array(3) {
      ["id"]=>
```

```
string(4) "1192"  
["qty"]=>  
string(1) "4"  
["is_damaged"]  
string(1) "1"  
}  
}  
}
```

Refund (PUT)

PUT credit_memos/1000/Refund

Required fields:

gl_acct: The account number of desired deposit account to refund this credit memo from

Optional fields:

amount: The amount to refund. If not specified, or sent as 0, the full balance of the credit memo will be refunded. If an amount is provided that exceeds the balance of the credit memo, an error will be returned.

API - currencies/

GET

currencies/ – Returns a list of Currencies based on the criteria in the request array. If no criteria is specified will return all Currencies in the system.

currencies/:currency_id – Returns a single Currency, specified by the id parameter.

Sample

GET currencies/1000

```
{
  "response": [
    {
      "id": "1000",
      "name": "USD",
      "is_default": "1",
      "symbol": "$",
      "cent_separator": ".",
      "thousand_separator": ",",
      "rate": "1.000000",
      "last_updated": "2019-04-12 12:00:00"
    }
  ],
  "meta": {
    "errors": [
    ]
  }
}
```

API - customers/

GET

customers/ – Returns a list of Customers based on the criteria in the request array. If no criteria is specified will return all Customers in the system.

customers/:customer_id – Returns a single Customer, specified by the id parameter.

customers/:customer_id/orders – Returns a list of all the Orders in the system for a single Customer, specified by the id.

customers/:customer_id/invoices – Returns a list of all the Invoices in the system for a single Customer, specified by the id.

customers/:customer_id/payments – Returns a list of all the Payments in the system for a single Customer, specified by the id.

Sample Response

GET customers/1000

```
{
  "response": [
    {
      "customer_id": "1000",
      "account_number": "",
      "customer_name": "Best Store Ever",
      "date_created": "",
      "active": "",
      "address_1": "384 Best Lane",
      "address_2": "",
      "city": "New York",
      "state": "NY",
      "postal_code": "29484",
      "country": "USA",
      "phone": "555-375-8538",
      "email": "orders@beststoreever.com",
      "first_name": "",
      "last_name": "",
      "terms_id": "",
      "credit_limit": "4000",
      "status": "Approved",
      "royalty_rate": "",
      "category": "Apparel",
      "division_id": "1000",
```

```

        "ar_acct": "1100",
        "website": "www.bse.com",
        "notes": "",
        "shipping_info": "Handle with care.",
        "pct_discount": "5.0000",
        "is_active": "1",
        "buyer_filter": "High End",
        "edi_department": "",
        "anet_id": "",
        "currency_id": "1002",
        "price_group": "Wholesale",
        "xero_id": "",
        "xero_synced": "0",
        "shopify_id": ""
    }
],
"meta": {
    "errors": []
}
}

```

POST

Required fields:

customer_name: The unique name for the customer

Sample Request

POST customers/

```

array(4) {
  ["time"]=>
  string(10) "1435328060"
  ["token"]=>
  string(3) "... "
  ["customer_name"]=>
  string(8) "API Test"
  ["salespeople"]=>
  array(1) {
    [0]=> array(2) {
      ["name"]=> string(5) "Sales"
      ["rate"]=> string(1) "8"
    }
  }
}

```

```
}
```

PUT

Required fields:

customer_id: The primary key

Sample Request

PUT customers/1000

```
array(4) {  
  ["time"]=>  
  string(10) "1435328579"  
  ["token"]=>  
  string(3) "..."  
  ["customer_name"]=>  
  string(17) "Better Store Ever"  
}
```

API - divisions/

GET

divisions/ – Returns a list of Divisions based on the criteria in the request array. If no criteria is specified will return all Divisions in the system.

divisions/:id – Returns a single Division, specified by the id parameter.

Sample Response

GET divisions/1000

```
{
  "response": [
    {
      "id": "1000",
      "name": "Eastern",
      "display_name_override": "",
      "is_main_division": "1",
      "address_1": "1234 Place Street",
      "address_2": "",
      "city": "West Palm Beach",
      "state": "FL",
      "postal_code": "33411",
      "country": "USA",
      "phone": "555-323-2345",
      "fax": "",
      "email": "email@email.com",
      "website": "",
      "gl_sales": "",
      "gl_sales_discount": "",
      "gl_freight": "",
      "gl_tax": "",
      "gl_returns": "",
      "gl_damages": "",
      "gl_inventory": "",
      "gl_cogs": "",
      "gl_customer_credits": "",
      "gl_misc_charges": ""
    }
  ],
  "meta": {
    "errors": []
  }
}
```



```
}
```

API - inventory/

inventory/ – Returns a list of SKUs based on the criteria in the request array. If no criteria is specified will return all SKUs in the system.

inventory/:id – Returns a single SKU, specified by the id parameter.

Sample Response

GET inventory/1000

```
{
  "response": [
    {
      "sku_id": "1000",
      "product_id": "1000",
      "style_number": "SHRT01",
      "attr_2": "BLK",
      "attr_3": "",
      "size": "S",
      "qty_inventory": "20.00",
      "qty_avail_sell": "24.00",
      "qty_alloc": "5.00",
      "qty_avail_alloc": "15.00",
      "qty_open_wip": "0.00",
      "qty_open_po": "9.00",
      "qty_open_po_no_proj": "9.00",
      "qty_otr": "9.00",
      "qty_open_sales": "5.00",
      "qty_picked": "0.00",
      "qty_invoiced": "15.00",
      "qty_authorized_to_return": "0.00",
      "qty_credited": "5.00",
      "qty_received": "30.00",
      "qty_issued": "0.00",
      "qty_returned": "0.00",
      "qty_required_comp": "0.00",
      "qty_min_reorder": "0.00",
      "qty_min_inventory": "0.00",
      "active": "1",
      "upc_11": "",
      "upc_display": "",
      "price": "55.00",
```

```
        "cost": "20.00",
        "cost_base": "20.00",
        "cost_mfg": "0.00",
        "price_offset": "0.00",
        "cost_offset": "0.00",
        "sku_alt": "",
        "weight": "0.00",
        "weight_offset": "0.00",
        "location": "",
        "magento_product_id": "",
        "magento_last_qty": "",
        "magento_last_price": "",
        "magento_sync": "0",
        "magento_sync_timestamp": "",
        "shopify_sku_id": "",
        "shopify_sync": "1",
        "web_title": "",
        "nrf_size": "",
        "attr_2_name": "Black",
        "attr_3_name": ""
    }
],
"meta": {
    "errors": []
}
}
```

API - invoices/

GET

invoices/ – Returns a list of Invoices based on the criteria in the request array. If no criteria is specified will return all Invoices in the system.

invoices/:invoice_id – Returns a single Invoice, specified by the id parameter.

Sample Response

GET invoices/1000

```
{
  "response": [
    {
      "invoice_id": "1000",
      "warehouse_id": "1000",
      "order_id": "1000",
      "customer_id": "1003",
      "pick_ticket_id": "",
      "division_id": "1000",
      "date": "11/20/2014",
      "date_start": "",
      "date_due": "12/20/2014",
      "terms_id": "1001",
      "qty": "54",
      "qty_open_to_return": "54",
      "amount": "4592.70",
      "amount_open_to_return": "0.00",
      "amount_paid": "4592.70",
      "amount_subtotal": "4860.00",
      "pct_discount": "10.00",
      "amount_discount": "486.00",
      "tax_code": "",
      "amount_taxable": "4374.00",
      "tax_rate": "5.00",
      "amount_tax": "218.70",
      "amount_freight": "0.00",
      "balance": "0.00",
      "notes": "",
      "private_notes": "",
      "shipping_info": "",
      "department": "",
      "customer_po": "",
    }
  ]
}
```

```
"ship_to_id": "",
"address_1": "4239 Street Lane",
"address_2": "",
"city": "San Luis Obispo",
"state": "CA",
"postal_code": "93401",
"country": "USA",
"phone": "555-739-7204",
"salesperson": "",
"season": "",
"ship_via": "",
"shipping_terms_id": "",
"tracking_number": "",
"ar_acct": "1100",
"magento_order": "",
"void": "0",
"is_posted": "1",
"weight": "0.00",
"error": "0",
"currency_id": "1000",
"currency_rate": "1.0000",
"ups_batch": "0",
"xero_id": "",
"xero_synced": "0",
"shopify_id": "",
"description_misc": "",
"qty_misc": "0.00",
"rate_misc": "0.00",
"amount_misc": "0.00",
"ship_to_name": "",
"provider": "",
"invoice_items": [
    {
        "id": "1000",
        "warehouse_id": "1000",
        "row_id": "1",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1000",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "2",
        "qty": "5",
        "qty_open_to_return": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
```

```

        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1017",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },
    {
        "id": "1001",
        "warehouse_id": "1000",
        "row_id": "1",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1001",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "4",
        "qty": "5",
        "qty_open_to_return": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1018",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },
    {
        "id": "1002",
        "warehouse_id": "1000",
        "row_id": "1",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1002",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "6",

```

```

        "qty": "5",
        "qty_open_to_return": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1019",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },
    {
        "id": "1003",
        "warehouse_id": "1000",
        "row_id": "1",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1003",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "8",
        "qty": "5",
        "qty_open_to_return": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1020",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },
    {
        "id": "1004",
        "warehouse_id": "1000",
        "row_id": "1",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1004",
        "credit_memo_id": "",

```

```

        "product_id": "1001",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "10",
        "qty": "5",
        "qty_open_to_return": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1021",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },
    {
        "id": "1005",
        "warehouse_id": "1000",
        "row_id": "1",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1005",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "12",
        "qty": "2",
        "qty_open_to_return": "2.00",
        "unit_price": "90.00",
        "amount": "180.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1022",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },
    {
        "id": "1006",
        "warehouse_id": "1000",
        "row_id": "2",

```



```

        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1006",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "RED",
        "attr_3": "",
        "size": "0",
        "qty": "5",
        "qty_open_to_return": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1010",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },
    {
        "id": "1007",
        "warehouse_id": "1000",
        "row_id": "2",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1007",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "RED",
        "attr_3": "",
        "size": "2",
        "qty": "5",
        "qty_open_to_return": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1011",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },

```

```
dress"
{
    "id": "1008",
    "warehouse_id": "1000",
    "row_id": "2",
    "invoice_id": "1000",
    "order_id": "1000",
    "order_item_id": "1008",
    "credit_memo_id": "",
    "product_id": "1001",
    "attr_2": "RED",
    "attr_3": "",
    "size": "4",
    "qty": "5",
    "qty_open_to_return": "5.00",
    "unit_price": "90.00",
    "amount": "450.00",
    "amount_open_to_return": "0.00",
    "is_taxable": "1",
    "comment": "",
    "sku_id": "1012",
    "error": "0",
    "notes": "",
    "style_number": "DRESS01",
    "description": "The classic summer of love
dress"
},
{
    "id": "1009",
    "warehouse_id": "1000",
    "row_id": "2",
    "invoice_id": "1000",
    "order_id": "1000",
    "order_item_id": "1009",
    "credit_memo_id": "",
    "product_id": "1001",
    "attr_2": "RED",
    "attr_3": "",
    "size": "6",
    "qty": "5",
    "qty_open_to_return": "5.00",
    "unit_price": "90.00",
    "amount": "450.00",
    "amount_open_to_return": "0.00",
    "is_taxable": "1",
    "comment": "",
    "sku_id": "1013",
    "error": "0",
    "notes": "",
```

```

dress"
    },
    {
        "id": "1010",
        "warehouse_id": "1000",
        "row_id": "2",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1010",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "RED",
        "attr_3": "",
        "size": "8",
        "qty": "5",
        "qty_open_to_return": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",
        "comment": "",
        "sku_id": "1014",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    },
    {
        "id": "1011",
        "warehouse_id": "1000",
        "row_id": "2",
        "invoice_id": "1000",
        "order_id": "1000",
        "order_item_id": "1011",
        "credit_memo_id": "",
        "product_id": "1001",
        "attr_2": "RED",
        "attr_3": "",
        "size": "10",
        "qty": "2",
        "qty_open_to_return": "2.00",
        "unit_price": "90.00",
        "amount": "180.00",
        "amount_open_to_return": "0.00",
        "is_taxable": "1",

```

```

        "comment": "",
        "sku_id": "1015",
        "error": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress"
    }
  ],
  "commissions": [
    {
      "name": "Tim",
      "rate": "15.0000",
      "amount_commission": "578.21"
    }
  ],
}
"meta": {
  "errors": []
}
}

```

POST

Required fields:

(header)

customer_id: The customer for this transaction. This can be retrieved from the [customers/](#) endpoint.

division_id: The division for this transaction (if not specified on the customer). This can be retrieved from the [divisions/](#) endpoint.

ar_acct: The A/R account for this transaction (if not specified on the customer). This can be retrieved from the [chart_of_accounts/](#) endpoint.

warehouse_id: The warehouse for this transaction (if no default is specified in Settings > Dictionaries > Warehouses). This can be retrieved from the [warehouses/](#) endpoint.

currency_id: The currency for this transaction (if no default is specified in Settings > Accounting > Currencies).

(items)

sku_id: The unique ID for the SKU desired. This can be retrieved from the [inventory/](#) endpoint.

qty: The number of units for the item

Sample Request

POST invoices/

```
array(4) {
  ["time"]=>
  string(10) "1435333403"
  ["token"]=>
  string(3) "... "
  [0]=>
  array(2) {
    ["header"]=>
    array(1) {
      ["customer_id"]=>
      string(4) "1000"
    }
    ["items"]=>
  \ array(5) {
    [0]=>
    array(3) {
      ["sku_id"]=>
      string(4) "1000"
      ["qty"]=>
      string(2) "10"
      ["is_taxable"]=>
  \ string(1) "1"
    }
    [1]=>
    array(3) {
      ["sku_id"]=>
  \ string(4) "1001"
      ["qty"]=>
      string(2) "10"
      ["is_taxable"]=>
  \ string(1) "1"
    }
    [2]=>
  \ array(5) {
      ["sku_id"]=>
      string(4) "1002"
      ["qty"]=>
  \ string(2) "10"
      ["unit_price"]=>
      string(5) "68.00"
  \ ["amount"]=>
      string(6) "680.00"
    }
  }
}
```

```

        ["is_taxable"]=>
\         string(1) "1"
    }
    [3]=>
array(3) {
    ["sku_id"]=>
\     string(4) "1003"
    ["qty"]=>
        string(2) "10"
\     ["is_taxable"]=>
        string(1) "1"
    }
    [4]=>
\     array(3) {
        ["sku_id"]=>
            string(4) "1004"
        ["qty"]=>
\             string(2) "10"
        ["is_taxable"]=>
            string(1) "1"
\     }
    }
}
}
}

```

Errors

Invalid customer: The customer specified by customer_id or customer_name was not found.

No Division specified: The customer did not have a default division specified or no division was specified in the request.

No warehouse specified: No default warehouse was specified (under Settings > Dictionaries > Warehouses) or no warehouse was specified in the request.

No AR Acct specified: The customer did not have a default AR account or no AR account was specified in the request.

No currency specified: The customer did not have a default currency or no currency default currency was specified (under Settings > Accounting > Currencies).

Invalid Qty: A zero or non-integer value was used for the qty field value.

Invalid SKU: No SKU could be found based on the either the sku_id or combination of product_id, attr_2, attr_3, and size.

PUT

Required fields:

invoice_id: The primary key

Fields allowed for update: "notes", "amount_freight", "shipping_info", "address_1", "address_2", "city", "state", "postal_code", "country", "terms_id", "date", "date_start", "date_due", "phone", "ship_via", "tracking_number", "ups_batch", "weight"

Sample Request

```
array(4) {  
  ["time"]=>  
  string(10) "1435335841"  
  ["api_key"]=>  
  \ string(3) "..."  
  ["amount_freight"]=>  
  string(5) "14.43"  
  ["hash"]=>  
  \ string(3) "..."  
}
```

Authorize Return (PUT)

PUT invoices/1085/authorize_return

Credit (PUT)

PUT invoices/1085/credit

API - locations/

GET

locations/ – Returns a list of Locations based on the criteria in the request array. If no criteria is specified will return all Locations in the system.

locations/:ship_to_id – Returns a single Location, specified by the id parameter.

Sample Request

GET locations/1000

```
{
  "response": [
    {
      "customer_id": "1000",
      "vendor_id": "",
      "ship_to_id": "1000",
      "name": "California Location",
      "address_1": "1029 Street Way",
      "address_2": "",
      "city": "San Diego",
      "state": "CA",
      "postal_code": "92093",
      "country": "USA",
      "phone": "555-049-1023",
      "email": "",
      "store_number": "1001",
      "dc_reference": "",
      "department_number": "",
      "tax_rate": "4.0000",
      "is_main_location": "0",
      "edi_reference": ""
    }
  ],
  "meta": {
    "errors": []
  }
}
```

POST

Required fields:

customer_id: The customer this location belongs to

name: The name for this location

Sample Request

```
array(4) {
  ["time"]=>
  string(10) "1435340825"
  ["token"]=>
  string(3) "... "
  [0]=>
  array(2) {
    ["customer_id"]=>
    string(4) "1000"
    ["name"]=>
    string(19) "Palm Beach Location"
  }
}
```

Errors

Invalid Customer: The customer specified by customer_id or customer_name was not found.

PUT

Required fields:

ship_to_id: The primary key

Fields allowed for update: "customer_id", "name", "address_1", "address_2", "city", "state", "postal_code", "country", "phone", "email", "store_number", "dc_reference", "tax_rate"

API - orders/

GET

orders/ – Returns a list of Orders based on the criteria in the request array. If no criteria is specified will return all Orders in the system.

orders/:order_id – Returns a single Order, specified by the id parameter.

Sample Response

GET orders/1000

```
{
  "response": [
    {
      "order_id": "1000",
      "warehouse_id": "1002",
      "customer_id": "1003",
      "customer_po": null,
      "date": "11\16\2015",
      "date_start": "11\10\2015",
      "date_due": "11\17\2015",
      "credit_status": "Approved",
      "approval_number": null,
      "terms_id": "1001",
      "qty": "10.00",
      "qty_open": "0.00",
      "qty_cxl": "0.00",
      "qty_alloc": "0.00",
      "qty_picked": "0.00",
      "qty_shipped": "10.00",
      "qty_approved": "0.00",
      "amount_open": "0.00",
      "amount_alloc": "0.00",
      "amount_cxl": "0.00",
      "amount_shipped": "0.00",
      "amount_approved": "0.00",
      "amount_subtotal": "900",
      "amount": "1350.50",
      "pct_discount": "10.00",
      "amount_discount": "90.00",
      "amount_taxable": "900.00",
      "tax_rate": "5.00",
      "tax_rate_2": "0.0000",
    }
  ]
}
```

```
"tax_first_tax_amount":"1",
"override_tax_amount":"0",
"amount_tax":"40.50",
"amount_tax_2":"0.00",
"amount_tax_total":"40.50",
"amount_freight":"0.00",
"notes":null,
"private_notes":null,
"ship_to_id":null,
"name":null,
"address_1":"4239 Street Lane",
"address_2":null,
"city":"San Luis Obispo",
"state":"CA",
"postal_code":"93401",
"country":"USA",
"phone":"555-739-7204",
"status":null,
"ship_via":null,
"shipping_terms_id":null,
"shipping_info":null,
"division_id":"1001",
"season":"ALL",
"ar_acct":"1100",
"weight":"94.50",
"error":"0",
"is_locked":"0",
"edi_reference":null,
"currency_id":"1000",
"currency_rate":"1.0000",
"description_misc":"Misc",
"qty_misc":"1.00",
"rate_misc":"500.00",
"amount_misc":"500.00",
"balance":"0.00",
"amount_paid":"0.00",
"department_number":null,
"mark_for_store":null,
"mic_code":null,
"time_modified":null,
"shopify_id":null,
"shopify_store_id":null,
"customer_name":"The Dress Store",
"ship_to_name":null,
"last_modified_time":"2016-08-25T13:51:50Z",
"order_items":[
  {
    "id":"1000",
```

```

    "warehouse_id":"1002",
    "row_id":"1",
    "order_id":"1000",
    "qty":"5.00",
    "qty_alloc":"0.00",
    "qty_picked":"0.00",
    "qty_open":"0.00",
    "qty_shipped":"5.00",
    "qty_cxl":"0.00",
    "unit_price":"90.00",
    "amount":"450.00",
    "amount_alloc":"0.00",
    "amount_open":"0.00",
    "amount_shipped":"450.00",
    "amount_cxl":"0.00",
    "is_taxable":"1",
    "sku_id":"1017",
    "purchase_order_id":null,
    "purchase_order_item_id":null,
    "project_id":null,
    "error":"0",
    "notes":null,
    "mark_for_store":null,
    "retailer_sku":null,
    "ticketing":null,
    "item_number":null,
    "product_id":"1001",
    "attr_2":"BLU",
    "attr_3":"",
    "size":"2",
    "style_number":"DRESS01",
    "description":"The classic summer of love dress"
  },
  {
    "id":"1001",
    "warehouse_id":"1002",
    "row_id":"1",
    "order_id":"1000",
    "qty":"5.00",
    "qty_alloc":"0.00",
    "qty_picked":"0.00",
    "qty_open":"0.00",
    "qty_shipped":"5.00",
    "qty_cxl":"0.00",
    "unit_price":"90.00",
    "amount":"450.00",
    "amount_alloc":"0.00",
    "amount_open":"0.00",

```

```

        "amount_shipped":"450.00",
        "amount_cxl":"0.00",
        "is_taxable":"1",
        "sku_id":"1018",
        "purchase_order_id":null,
        "purchase_order_item_id":null,
        "project_id":null,
        "error":"0",
        "notes":null,
        "mark_for_store":null,
        "retailer_sku":null,
        "ticketing":null,
        "item_number":null,
        "product_id":"1001",
        "attr_2":"BLU",
        "attr_3":"",
        "size":"4",
        "style_number":"DRESS01",
        "description":"The classic summer of love dress"
    }
],
    "print_url":"http://system.app.apparelmagic.com/ext/print/?t=order&
i%5B0%5D=1000&c=1003&
h=e3bcba7c72b676e8e3008cc8a3242f2425e7a2ef998ce1a7119c3c61fccbdf3",
    "commissions":[
        {
            "name":"Tim",
            "rate":"15.0000",
            "amount_commission":"578.21"
        }
    ],
    "order_udf":null,
    "group":null
}
],
"meta":{
    "errors":[]
}
}
}

```

POST

Required fields:

(header)

customer_id: The customer for this transaction. This can be retrieved from the [customers/](#) endpoint.

division_id: The division for this transaction (if not specified on the customer). This can be retrieved from the [divisions/](#) endpoint.

ar_acct: The A/R account for this transaction (if not specified on the customer). This can be retrieved from the [chart_of_accounts/](#) endpoint.

warehouse_id: The warehouse for this transaction (if no default is specified in Settings > Dictionaries > Warehouses). This can be retrieved from the [warehouses/](#) endpoint.

currency_id: The currency for this transaction (if no default is specified in Settings > Accounting > Currencies).

(items)

sku_id: The unique ID for the SKU desired. This can be retrieved from the [inventory/](#) endpoint.

qty: The number of units for the item

Sample Request

POST orders/

```
array(4) {
  ["time"]=>
  string(10) "1435341751"
  ["token"]=>
  string(3) "... "
  [0]=>
  array(3) {
    ["header"]=>
    array(1) {
      ["customer_id"]=>
      string(4) "1000"
    }
    ["items"]=>
    array(5) {
      [0]=>
      array(3) {
        ["sku_id"]=>
        string(4) "1000"
        ["qty"]=>
        string(2) "10"
        ["is_taxable"]=>
        string(1) "1"
      }
      [1]=>
```

```

array(3) {
  ["sku_id"]=>
  string(4) "1001"
  ["qty"]=>
  string(2) "10"
  ["is_taxable"]=>
  string(1) "1"
}
[2]=>
array(5) {
  ["sku_id"]=>
  string(4) "1002"
  ["qty"]=>
  string(2) "10"
  ["unit_price"]=>
  string(5) "68.00"
  ["amount"]=>
  string(6) "680.00"
  ["is_taxable"]=>
  string(1) "1"
}
[3]=>
array(3) {
  ["sku_id"]=>
  string(4) "1003"
  ["qty"]=>
  string(2) "10"
  ["is_taxable"]=>
  string(1) "1"
}
[4]=>
array(3) {
  ["sku_id"]=>
  string(4) "1004"
  ["qty"]=>
  string(2) "10"
  ["is_taxable"]=>
  string(1) "1"
}
['salespeople']=>
array(1) {
  [0]=>
  array(2) {
    ["name"]=>
    string(5) "Sales"
    ["rate"]=>
    string(1) "8"
  }
}

```

```
}  
}  
}
```

Errors

Invalid customer: The customer specified by customer_id or customer_name was not found.

No Division specified: The customer did not have a default division specified or no division was specified in the request.

No warehouse specified: No default warehouse was specified (under Settings > Dictionaries > Warehouses) or no warehouse was specified in the request.

No AR Acct specified: The customer did not have a default AR account or no AR account was specified in the request.

No currency specified: The customer did not have a default currency or no currency default currency was specified (under Settings > Accounting > Currencies).

Invalid Qty: A zero or non-integer value was used for the qty field value.

Invalid SKU: No SKU could be found based on the either the sku_id or combination of product_id, attr_2, attr_3, and size.

PUT

Required fields:

order_id: The primary key

Fields allowed for update: "notes", "shipping_info", "address_1", "address_2", "city", "state", "postal_code", "country", "phone", "ship_via", "credit_status", "customer_po", "approval_number"

NOTE: The credit_status field can only be changed to store one of the following values: Approved, Pending, Cancelled, Declined.

Item level - "qty_alloc", "notes"

Sample Request

```
array(5) {  
  ["time"]=>  
  string(10) "1435342031"  
  ["token"]=>
```



```
string(3) "..."  
["credit_status"]=>  
string(8) "Approved"  
["approval_number"]=>  
string(7) "XF394k3"  
    ["items"]=>  
array(2) {  
    [0]=>  
    array(2) {  
        ["id"]=>  
        string(4) "1191"  
        ["qty_alloc"]=>  
        string(1) "4"  
    }  
    [1]=>  
    array(2) {  
        ["id"]=>  
        string(4) "1192"  
        ["qty_alloc"]=>  
        string(1) "4"  
    }  
}
```

Cancel (PUT)

PUT orders/1085/cancel

For more information on canceling an order, please see the [orders chapter](#).

Un-Cancel (PUT)

PUT orders/1085/uncancel

For more information on un-canceling an order, please see the [orders chapter](#).

Allocate (PUT)

PUT orders/1085/allocate

For more information on allocating an order, please see the [orders chapter](#).

Un-Allocate (PUT)

PUT orders/1085/unallocate

For more information on un-allocating an order, please see the [orders chapter](#).

Pick (PUT)

PUT orders/1085/pick

For more information on picking an order, please see the [orders chapter](#).

Invoice (PUT)

PUT orders/1085/invoice

For more information on invoicing an order, please see the [orders chapter](#).

API - payments/

GET

payments/ – Returns a list of Payments based on the criteria in the request array. If no criteria is specified will return all Payments in the system.

payments/:payment_id – Returns a single Payment, specified by the id parameter.

Sample Response

GET payments/1000

```
{
  "response": [
    {
      "payment_id": "1000",
      "customer_id": "1003",
      "reference": "",
      "payment_type": "Check",
      "amt_dr": "4592.70",
      "amount_applied": "0.00",
      "amount_applied_invoice": "4592.70",
      "amount_applied_cm": "4592.70",
      "amount_unapplied": "0.00",
      "balance": "0.00",
      "comment": "",
      "date": "11/20/2014",
      "void": "0",
      "deposit_id": "1007",
      "is_gateway_payment": "0",
      "is_posted": "0",
      "xero_id": "",
      "shopify_id": ""
    }
  ],
  "meta": {
    "errors": []
  }
}
```

POST

POST payments/

Sample Request

```
array(4) {
  ["time"]=>
  string(10) "1435346418"
  ["token"]=>
  string(3) "... "
  [0]=>
  array(3) {
    ["header"]=>
    array(4) {
      ["customer_id"]=>
      string(4) "1000"
      ["payment_type"]=>
      \  string(11) "Credit Card"
      ["gl_acct"]=>
      string(4) "1010"
      \  ["amt_dr"]=>
      string(7) "2894.43"
    }
    ["invoices"]=>
    \  array(1) {
      [0]=>
      array(2) {
        ["invoice_id"]=>
        \  string(4) "1053"
        ["amount_applied"]=>
        string(5) "67.69"
      }
    }
    ["credit_memos"]=>
    array(1) {
      [0]=>
      \  array(2) {
        ["credit_memo_id"]=>
        string(4) "1028"
        \  ["amount_applied"]=>
        string(5) "67.69"
      }
    }
  \ }
}
```

Errors

Transaction (transaction ID) balance is less than amount applied: (amount_applied): The amount_applied specified is lower than the current balance of the transaction.

Amount received cannot be less than amount applied: The total amount amount received (including credits) is less than the total invoice application amount.

API - pick_tickets/

GET

pick_tickets/ – Returns a list of Pick Tickets based on the criteria in the request array. If no criteria is specified will return all Pick Tickets in the system.

pick_tickets/:pick_ticket_id – Returns a single Pick Ticket, specified by the id parameter.

Sample Response

GET pick_tickets/1012

```
{
  "response": [
    {
      "pick_ticket_id": "1012",
      "invoice_id": "",
      "warehouse_id": "1000",
      "order_id": "1011",
      "customer_id": "1001",
      "customer_po": "",
      "date": "12/03/2014",
      "date_start": "",
      "date_due": "12/03/2014",
      "salesperson": "",
      "commission_rate": "",
      "credit_status": "",
      "approval_number": "",
      "qty": "10.00",
      "amount": "810.00",
      "amount_subtotal": "900.00",
      "amount_tax": "0.00",
      "amount_taxable": "0.00",
      "amount_discount": "90.00",
      "pct_discount": "10.00",
      "tax_rate": "3.00",
      "amount_freight": "0.00",
      "notes": "",
      "private_notes": "",
      "ship_to_id": "",
      "address_1": "855 Street Road",
      "address_2": "",
      "city": "Columbus",
      "state": "OH",
```

```

        "postal_code": "43215",
        "country": "USA",
        "phone": "555-306-0465",
        "commission": "",
        "status": "",
        "ship_via": "",
        "division_id": "1000",
        "void": "0",
        "weight": "0.00",
        "terms_id": "",
        "shipping_terms_id": "",
        "shipping_info": "",
        "error": "0",
        "tracking_number": "",
        "ups_batch": "0",
        "description_misc": "",
        "qty_misc": "0.00",
        "rate_misc": "0.00",
        "amount_misc": "0.00",
        "ar_acct": "1100",
        "ship_to_name": "",
        "pick_ticket_items": [
            {
                "id": "1191",
                "warehouse_id": "1000",
                "row_id": "1",
                "pick_ticket_id": "1012",
                "order_id": "1011",
                "order_item_id": "1149",
                "invoice_item_id": "",
                "product_id": "1001",
                "attr_2": "RED",
                "attr_3": "",
                "size": "8",
                "qty": "5.00",
                "unit_price": "90.00",
                "amount": "450.00",
                "sku_id": "1014",
                "error": "0",
                "is_taxable": "0",
                "notes": "",
                "style_number": "DRESS01",
                "description": "The classic summer of love
dress",
                "upc_display": ""
            },
            {
                "id": "1192",

```

```

        "warehouse_id": "1000",
        "row_id": "1",
        "pick_ticket_id": "1012",
        "order_id": "1011",
        "order_item_id": "1150",
        "invoice_item_id": "",
        "product_id": "1001",
        "attr_2": "RED",
        "attr_3": "",
        "size": "10",
        "qty": "5.00",
        "unit_price": "90.00",
        "amount": "450.00",
        "sku_id": "1015",
        "error": "0",
        "is_taxable": "0",
        "notes": "",
        "style_number": "DRESS01",
        "description": "The classic summer of love
dress",
        "upc_display": ""
    }
]
}
,
"meta": {
    "errors": []
}
}

```

PUT

Required fields:

pick_ticket_id: The primary key (in the URL)

Fields allowed for update:

Header level - "tracking_number", "ups_batch", "weight", "amount_freight", "ship_via", "shipping_info", "private_notes", "notes"

Item level - "qty"

Sample Request

PUT pick_tickets/1012


```
array(4) {
  ["time"]=>
  string(10) "1435588534"
  ["token"]=>
  string(3) "... "
  ["items"]=>
  array(2) {
    [0]=>
    array(2) {
      ["id"]=>
      string(4) "1191"
      ["qty"]=>
      string(1) "4"
    }
    [1]=>
    array(2) {
      ["id"]=>
      string(4) "1192"
      ["qty"]=>
      string(1) "4"
    }
  }
}
```

API - product_attributes/

GET

product_attributes/ – Returns a list of Product Attributes based on the criteria in the request array. If no criteria is specified will return all Product Attributes in the system.

product_attributes/:id – Returns a single Product Attribute, specified by the id parameter.

Sample Response

GET product_attributes/1000

```
{
  "response": [
    {
      "id": "1000",
      "product_id": "1000",
      "attribute_2": "BLK",
      "attribute_3": ""
    }
  ],
  "meta": {
    "errors": []
  }
}
```

API - products/

GET

products/ – Returns a list of Products based on the criteria in the request array. If no criteria is specified will return all Products in the system.

products/:product_id – Returns a single Product, specified by the id parameter.

Sample Response

GET products/1000

```
{
  "response": [
    {
      "product_id": "1000",
      "is_product": "1",
      "is_component": "0",
      "style_number": "SHRT01",
      "description": "Casual men's shirt in plaid varieties",
      "category": "Shirts",
      "group": "Mens Apparel",
      "size_range_id": "1001",
      "cost": "20.00",
      "price": "55.00",
      "retail_price": "0.00",
      "margin": "63.64",
      "cost_labor": "0.00",
      "cost_materials": "0.00",
      "cost_fob": "0.00",
      "cost_base": "20.00",
      "cost_misc": "0.00",
      "cost_landed": "20.00",
      "duty_rate": "0.00",
      "cost_duty": "0.00",
      "cost_freight": "0.00",
      "cost_auto": "0",
      "origin": "",
      "content": "",
      "weight": "0.00",
      "box_size": "",
      "tariff_code": "",
      "mid_code": "",
      "is_taxable": "1",
    }
  ]
}
```

```

        "notes": "",
        "vendor_id": "1000",
        "season": "Summer",
        "price_break_id": "",
        "care_instructions": "",
        "unit_of_measure": "",
        "lead_time": "",
        "buyer_filter": "",
        "web_title": "",
        "web_description": "",
        "magento_config_product_id": "",
        "magento_category_id": "",
        "magento_attribute_set_id": "",
        "magento_last_price": "",
        "magento_sync": "0",
        "magento_sync_timestamp": "",
        "shopify_product_id": "",
        "shopify_sync": "1",
        "balluun_sync": "0",
        "balluun_ext_id": "",
        "images": [
            {
                "img": "/Demo/img/1000.png"
            }
        ]
    },
    "meta": {
        "errors": []
    }
}

```

POST

Required fields:

(header)

style_number: The style number for this new style. Must not exist in the system already.

is_product/is_component: Designation for whether the new style is a product (sellable to customers) or a component. The accepted input is either 1 or 0.

size_range_name: The name of the size range that should be assigned to this new style.

(sku)

attr_2: The attribute two for the SKU (commonly referred to as the Color for the SKU).

size: The size for the SKU.

Sample Request

POST products/

```
array(3) {
  ["time"]=>
  string(10) "1435341751"
  ["token"]=>
  string(3) "..."/>

```

```

array(2) {
    [0]=>
        array(2) {
            ["name"]=>
                string(10) "Overhead"
            ["cost"]=>
                string(2) "30"
        }
    [1]=>
        array(2) {
            ["name"]=>
                string(15) "Convenience Fee"
            ["cost"]=>
                string(1) "5"
        }
}
["sku"]=>
array(6) {
    [0]=>
        array(4) {
            ["attr_2"]=>
                string(5) "Black"
            ["size"]=>
                string(5)=> "28x28"
            ["cost_offset"]=>
                string(2) "20"
            ["active"]=>
                string(1) "1"
        }
    [1]=>
        array(4) {
            ["attr_2"]=>
                string(5) "Black"
            ["size"]=>
                string(5)=> "28x30"
            ["cost_offset"]=>
                string(2) "25"
            ["active"]=>
                string(1) "1"
        }
    [2]=>
        array(4) {
            ["attr_2"]=>
                string(5) "Black"
            ["size"]=>
                string(5)=> "28x32"
            ["cost_offset"]=>

```

```

        string(2) "30"
        ["active"]=>
        string(1) "1"
    }
[3]=>
    array(5) {
        ["attr_2"]=>
        string(4) "Sand"
        ["attr_3"]=>
        string(4) "Acid"
        ["size"]=>
        string(5)=> "28x28"
        ["cost_offset"]=>
        string(2) "20"
        ["active"]=>
        string(1) "1"
    }
[4]=>
    array(5) {
        ["attr_2"]=>
        string(4) "Black"
        ["attr_3"]=>
        string(4) "Acid"
        ["size"]=>
        string(5)=> "28x28"
        ["cost_offset"]=>
        string(2) "25"
        ["active"]=>
        string(1) "1"
    }
[5]=>
    array(5) {
        ["attr_2"]=>
        string(4) "Black"
        ["attr_3"]=>
        string(4) "Acid"
        ["size"]=>
        string(5)=> "28x28"
        ["cost_offset"]=>
        string(2) "30"
        ["active"]=>
        string(1) "1"
    }
}
}
}

```

Errors

No SKUs provided: There was no SKU array in the request body or the SKU array was empty.

No name provided for price group/additional cost: There was no name assigned to a price group/additional cost sent in the request.

Product [style_number] already exists: The style number sent in the request has already been assigned to an existing product in the system.

No Style Number provided: There was no style number provided

Vendor [vendor_name] does not exist: The vendor name sent in the request does not exist in the system.

Invalid Size Range: The size range name sent over in the request does not exist in the system.

No Size Range provided: There was no size range name sent over in the request.

This style is not marked as a Product or Material: There was no is_product/is_component sent over in the request.

Invalid entry for field 'Is Product'/'Is Component' (Expected 0 or 1): There was an invalid value sent over in the is_product/is_component field. This **must** be 0 or 1.

Some required attributes of this SKU are missing! (Style Number, Attribute 2, or Size): There was either no style number, no attribute 2, or no size provided on the request. The style number refers to the style number that **should** be sent on the "header" array, while the attribute 2 and size should be sent in the individual SKU records.

Size Range [size_range_name] does not contain the size [size]: The size provided on one of the SKU records is not listed within the size range that was provided on the header array.

The UPC [upc_display] has already been assigned: The UPC provided on one of the SKU records already exists in the system, or has been provided for another SKU in the request.

PUT

Required fields:

product_id: The primary key

Fields allowed for update: "notes", "product_notes", "description", "season", "category", "collection", "content", "origin", "tariff_code", "mid_code", "care_instructions", "unit_of_measure", "lead_time"

Sample Request

```
array(5) {  
  ["time"]=>  
  string(10) "1435342031"  
  ["token"]=>  
  string(3) "..."  
  ["season"]=>  
  string(6) "Summer"  
  ["description"]=>  
  string(18) "My favorite shirt!"  
}
```

API - projects/

GET

projects/ - Returns a list of Manufacturing Projects based on the criteria in the request array. If no criteria is specified will return all Manufacturing Projects in the system.

projects/:project_id - Returns a single Manufacturing Project, specified by the id parameter.

Sample Response

```
{
  "response": [
    {
      "project_id": "1000",
      "warehouse_id": "1000",
      "status": "Finished",
      "date": "10\15\2014",
      "date_start": null,
      "date_due": "10\15\2014",
      "date_finished": null,
      "date_due_latest": null,
      "qty": "390",
      "qty_open": "0",
      "qty_received": "390",
      "qty_cxl": "0",
      "cost_labor_actual": "0.00",
      "cost_labor_est": "0.00",
      "cost_total_est": "4430.40",
      "cost_per_unit_actual": "0.00",
      "amount_open": "0.00",
      "amount_cxl": "0.00",
      "division_id": "1001",
      "notes": "test",
      "is_locked": "1",
      "is_posted": "0",
      "is_actualized": "0",
      "project_items": [
        {
          "id": "133",
          "warehouse_id": "1000",
          "row_id": "3",
          "project_id": "1000",
```

```

        "product_id":"1",
        "attr_2":"BLK",
        "attr_3":"CStitch",
        "size":"26x26",
        "qty":"10.00",
        "qty_open":"0.00",
        "qty_cxl":"0.00",
        "qty_received":"10.00",
        "unit_cost":"11.62",
        "amount":"116.20",
        "sku_id":"236",
        "error":"0",
        "notes":null,
        "style_number":"JEAN2",
        "description":"These jeans will knock your socks off liter
ally!"
    },
    {
        "id":"134",
        "warehouse_id":"1000",
        "row_id":"3",
        "project_id":"1000",
        "product_id":"1",
        "attr_2":"BLK",
        "attr_3":"CStitch",
        "size":"26x28",
        "qty":"10.00",
        "qty_open":"0.00",
        "qty_cxl":"0.00",
        "qty_received":"10.00",
        "unit_cost":"11.62",
        "amount":"116.20",
        "sku_id":"237",
        "error":"0",
        "notes":null,
        "style_number":"JEAN2",
        "description":"These jeans will knock your socks off liter
ally!"
    },
    {
        "id":"135",
        "warehouse_id":"1000",
        "row_id":"3",
        "project_id":"1000",
        "product_id":"1",
        "attr_2":"BLK",
        "attr_3":"CStitch",
        "size":"26x30",

```

```

        "qty": "10.00",
        "qty_open": "0.00",
        "qty_cxl": "0.00",
        "qty_received": "10.00",
        "unit_cost": "11.62",
        "amount": "116.20",
        "sku_id": "238",
        "error": "0",
        "notes": null,
        "style_number": "JEAN2",
        "description": "These jeans will knock your socks off liter
ally!"
    },
    {
        "id": "136",
        "warehouse_id": "1000",
        "row_id": "3",
        "project_id": "1000",
        "product_id": "1",
        "attr_2": "BLK",
        "attr_3": "CStitch",
        "size": "28x26",
        "qty": "10.00",
        "qty_open": "0.00",
        "qty_cxl": "0.00",
        "qty_received": "10.00",
        "unit_cost": "11.62",
        "amount": "116.20",
        "sku_id": "239",
        "error": "0",
        "notes": null,
        "style_number": "JEAN2",
        "description": "These jeans will knock your socks off liter
ally!"
    },
    {
        "id": "137",
        "warehouse_id": "1000",
        "row_id": "3",
        "project_id": "1000",
        "product_id": "1",
        "attr_2": "BLK",
        "attr_3": "CStitch",
        "size": "28x28",
        "qty": "10.00",
        "qty_open": "0.00",
        "qty_cxl": "0.00",
        "qty_received": "10.00",

```

```

        "unit_cost":"11.62",
        "amount":"116.20",
        "sku_id":"240",
        "error":"0",
        "notes":null,
        "style_number":"JEAN2",
        "description":"These jeans will knock your socks off liter
ally!"
    },
    {
        "id":"138",
        "warehouse_id":"1000",
        "row_id":"3",
        "project_id":"1000",
        "product_id":"1",
        "attr_2":"BLK",
        "attr_3":"CStitch",
        "size":"28x30",
        "qty":"10.00",
        "qty_open":"0.00",
        "qty_cxl":"0.00",
        "qty_received":"10.00",
        "unit_cost":"11.62",
        "amount":"116.20",
        "sku_id":"241",
        "error":"0",
        "notes":null,
        "style_number":"JEAN2",
        "description":"These jeans will knock your socks off liter
ally!"
    }
]
},
"meta": {
    "errors": []
}
}

```

Calculate Requirements (PUT)

PUT projects/1085/calculateRequirements

This will update the project with the most recent requirements. Strongly recommended to call this prior to performing a GET for a project.

API - purchase_orders/

GET

purchase_orders/ – Returns a list of Purchase Orders based on the criteria in the request array. If no criteria is specified will return all Purchase Orders in the system.

purchase_orders/:purchase_order_id – Returns a single Purchase Order, specified by the id parameter.

Sample Response

```
{
  "response": [
    {
      "purchase_order_id": "1001",
      "warehouse_id": "1000",
      "vendor_id": "1004",
      "project_id": "",
      "process_id": "",
      "step_number": "",
      "ship_to_id": "",
      "address_1": "105 Main St.",
      "address_2": "",
      "city": "Austin",
      "state": "TX",
      "postal_code": "73301",
      "country": "",
      "shipping_address_override": "0",
      "shipping_name": "",
      "shipping_address_1": "105 Main St.",
      "shipping_address_2": "",
      "shipping_city": "Austin",
      "shipping_state": "TX",
      "shipping_postal_code": "73301",
      "shipping_country": "",
      "phone": "",
      "date": "11/20/2014",
      "date_start": "12/01/2014",
      "date_due": "12/15/2014",
      "notes": "",
      "private_notes": "",
      "qty": "55.00",
      "amount": "1650.00",
      "amount_open": "0.00",
    }
  ]
}
```

```

"amount_cxl": "0.00",
"qty_received": "55.00",
"qty_cxl": "0.00",
"qty_open": "0.00",
"ship_via": "1000",
"tracking_number": "",
"customer_po": "",
"terms_id": "1000",
"division_id": "1000",
"project_number": "",
"amount_subtotal": "1650.00",
"amount_freight": "",
"amount_duty": "",
"amount_other": "",
"shipping_info": "",
"error": "0",
"is_posted": "0",
"currency_id": "1000",
"currency_rate": "1.0000",
"purchase_order_items": [
  {
    "id": "1012",
    "warehouse_id": "1000",
    "row_id": "1",
    "purchase_order_id": "1001",
    "order_item_id": "",
    "product_id": "1006",
    "attr_2": "BLK",
    "attr_3": "",
    "size": "5",
    "qty": "10.00",
    "qty_open": "0.00",
    "qty_cxl": "0.00",
    "qty_received": "10.00",
    "unit_cost": "30.00",
    "amount": "300.00",
    "sku_id": "1048",
    "error": "0",
    "notes": "",
    "style_number": "HEEL01",
    "description": "Snowflake high heel ladies pump"
  },
  {
    "id": "1013",
    "warehouse_id": "1000",
    "row_id": "1",
    "purchase_order_id": "1001",
    "order_item_id": "",

```

```

        "product_id": "1006",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "6",
        "qty": "10.00",
        "qty_open": "0.00",
        "qty_cxl": "0.00",
        "qty_received": "10.00",
        "unit_cost": "30.00",
        "amount": "300.00",
        "sku_id": "1049",
        "error": "0",
        "notes": "",
        "style_number": "HEEL01",
        "description": "Snowflake high heel ladies pump"
    },
    {
        "id": "1014",
        "warehouse_id": "1000",
        "row_id": "1",
        "purchase_order_id": "1001",
        "order_item_id": "",
        "product_id": "1006",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "7",
        "qty": "10.00",
        "qty_open": "0.00",
        "qty_cxl": "0.00",
        "qty_received": "10.00",
        "unit_cost": "30.00",
        "amount": "300.00",
        "sku_id": "1050",
        "error": "0",
        "notes": "",
        "style_number": "HEEL01",
        "description": "Snowflake high heel ladies pump"
    },
    {
        "id": "1015",
        "warehouse_id": "1000",
        "row_id": "1",
        "purchase_order_id": "1001",
        "order_item_id": "",
        "product_id": "1006",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "8",

```



```

        "qty": "10.00",
        "qty_open": "0.00",
        "qty_cxl": "0.00",
        "qty_received": "10.00",
        "unit_cost": "30.00",
        "amount": "300.00",
        "sku_id": "1051",
        "error": "0",
        "notes": "",
        "style_number": "HEEL01",
        "description": "Snowflake high heel ladies pump"
    },
    {
        "id": "1016",
        "warehouse_id": "1000",
        "row_id": "1",
        "purchase_order_id": "1001",
        "order_item_id": "",
        "product_id": "1006",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "9",
        "qty": "10.00",
        "qty_open": "0.00",
        "qty_cxl": "0.00",
        "qty_received": "10.00",
        "unit_cost": "30.00",
        "amount": "300.00",
        "sku_id": "1052",
        "error": "0",
        "notes": "",
        "style_number": "HEEL01",
        "description": "Snowflake high heel ladies pump"
    },
    {
        "id": "1017",
        "warehouse_id": "1000",
        "row_id": "1",
        "purchase_order_id": "1001",
        "order_item_id": "",
        "product_id": "1006",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "10",
        "qty": "5.00",
        "qty_open": "0.00",
        "qty_cxl": "0.00",
        "qty_received": "5.00",
    }

```

```

        "unit_cost": "30.00",
        "amount": "150.00",
        "sku_id": "1053",
        "error": "0",
        "notes": "",
        "style_number": "HEEL01",
        "description": "Snowflake high heel ladies pump"
    }
    ]
}
],
"meta": {
    "errors": []
}
}

```

POST

Required fields:

(header)

vendor_id: The customer for this transaction. This can be retrieved from the [vendors/](#) endpoint.

division_id: The division for this transaction (if not specified on the customer). This can be retrieved from the [divisions/](#) endpoint.

warehouse_id: The warehouse for this transaction (if no default is specified in Settings > Dictionaries > Warehouses). This can be retrieved from the [warehouses/](#) endpoint.

currency_id: The currency for this transaction (if no default is specified in Settings > Accounting > Currencies).

(items)

sku_id: The unique ID for the SKU desired. This can be retrieved from the [inventory/](#) endpoint.

qty: The number of units for the item

Sample Request

POST `purchase_orders/`

```

array(4) {
    ["time"]=>
    string(10) "1435341751"
}

```

```
["token"]=>
string(3) "...
[0]=>
array(3) {
  ["header"]=>
  array(1) {
    ["vendor_id"]=>
    string(4) "1000"
  }
  ["items"]=>
  array(5) {
    [0]=>
    array(3) {
      ["sku_id"]=>
      string(4) "1000"
      ["qty"]=>
      string(2) "10"
    }
    [1]=>
    array(3) {
      ["sku_id"]=>
      string(4) "1001"
      ["qty"]=>
      string(2) "10"
    }
    [2]=>
    array(5) {
      ["sku_id"]=>
      string(4) "1002"
      ["qty"]=>
      string(2) "10"
      ["unit_cost"]=>
      string(5) "68.00"
      ["amount"]=>
      string(6) "680.00"
    }
    [3]=>
    array(3) {
      ["sku_id"]=>
      string(4) "1003"
      ["qty"]=>
      string(2) "10"
    }
    [4]=>
    array(3) {
      ["sku_id"]=>
      string(4) "1004"
      ["qty"]=>
```

```
        string(2) "10"  
    }  
}  
}
```

Errors

Invalid vendor: The vendor specified by vendor_id or vendor_name was not found.

No Division specified: The vendor did not have a default division specified or no division was specified in the request.

No warehouse specified: No default warehouse was specified (under Settings > Dictionaries > Warehouses) or no warehouse was specified in the request.

No currency specified: No currency default currency was specified (under Settings > Accounting > Currencies).

Invalid Qty: A zero or non-integer value was used for the qty field value.

Invalid SKU: No SKU could be found based on the either the sku_id or combination of product_id, attr_2, attr_3, and size.

API - receivers/

GET

receivers/ – Returns a list of Receivers based on the criteria in the request array. If no criteria is specified will return all Receivers in the system.

receivers/:receiver_id – Returns a single Receiver, specified by the id parameter.

Sample Response

GET receivers/1007

```
{
  "response": [
    {
      "receiver_id": "1007",
      "warehouse_id": "1000",
      "purchase_order_id": "",
      "vendor_id": "1001",
      "date": "11/20/2014",
      "qty": "30.00",
      "amount": "360.00",
      "notes": "",
      "address_1": "",
      "address_2": "",
      "city": "",
      "state": "",
      "postal_code": "",
      "country": "",
      "phone": "",
      "division_id": "1000",
      "void": "0",
      "tracking_number": "",
      "error": "0",
      "is_posted": "0",
      "receiver_items": [
        {
          "id": "1057",
          "warehouse_id": "1000",
          "row_id": "1",
          "po_row_id": "1",
          "pj_row_id": "",
          "receiver_id": "1007",
          "purchase_order_id": "1006",
```

```

        "vendor_id": "",
        "product_id": "1003",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "25",
        "qty": "5.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "12.00",
        "unit_cost_actualized": "0.00",
        "amount": "60.00",
        "sku_id": "1030",
        "sku_alt": "",
        "comment": "",
        "description": "Summer colored denim short",
        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHORT01"
    },
    {
        "id": "1058",
        "warehouse_id": "1000",
        "row_id": "1",
        "po_row_id": "1",
        "pj_row_id": "",
        "receiver_id": "1007",
        "purchase_order_id": "1006",
        "vendor_id": "",
        "product_id": "1003",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "26",
        "qty": "5.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",

```

```

        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "12.00",
        "unit_cost_actualized": "0.00",
        "amount": "60.00",
        "sku_id": "1031",
        "sku_alt": "",
        "comment": "",
        "description": "Summer colored denim short",
        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHORT01"
    },
    {
        "id": "1059",
        "warehouse_id": "1000",
        "row_id": "1",
        "po_row_id": "1",
        "pj_row_id": "",
        "receiver_id": "1007",
        "purchase_order_id": "1006",
        "vendor_id": "",
        "product_id": "1003",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "27",
        "qty": "5.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "12.00",
        "unit_cost_actualized": "0.00",
        "amount": "60.00",
        "sku_id": "1032",
        "sku_alt": "",
        "comment": "",
        "description": "Summer colored denim short",
    }

```

```

        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHORT01"
    },
    {
        "id": "1060",
        "warehouse_id": "1000",
        "row_id": "1",
        "po_row_id": "1",
        "pj_row_id": "",
        "receiver_id": "1007",
        "purchase_order_id": "1006",
        "vendor_id": "",
        "product_id": "1003",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "28",
        "qty": "5.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "12.00",
        "unit_cost_actualized": "0.00",
        "amount": "60.00",
        "sku_id": "1033",
        "sku_alt": "",
        "comment": "",
        "description": "Summer colored denim short",
        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
    }

```



```

        "error": "0",
        "notes": "",
        "style_number": "SHORT01"
    },
    {
        "id": "1061",
        "warehouse_id": "1000",
        "row_id": "1",
        "po_row_id": "1",
        "pj_row_id": "",
        "receiver_id": "1007",
        "purchase_order_id": "1006",
        "vendor_id": "",
        "product_id": "1003",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "29",
        "qty": "5.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "12.00",
        "unit_cost_actualized": "0.00",
        "amount": "60.00",
        "sku_id": "1034",
        "sku_alt": "",
        "comment": "",
        "description": "Summer colored denim short",
        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHORT01"
    },
    {
        "id": "1062",
        "warehouse_id": "1000",
        "row_id": "1",
        "po_row_id": "1",

```

```

        "pj_row_id": "",
        "receiver_id": "1007",
        "purchase_order_id": "1006",
        "vendor_id": "",
        "product_id": "1003",
        "attr_2": "BLU",
        "attr_3": "",
        "size": "30",
        "qty": "5.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "12.00",
        "unit_cost_actualized": "0.00",
        "amount": "60.00",
        "sku_id": "1035",
        "sku_alt": "",
        "comment": "",
        "description": "Summer colored denim short",
        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHORT01"
    }
}
]
}
],
"meta": {
    "errors": []
}
}

```

POST

Request fields:

(header)

vendor_id: The vendor for this transaction. This can be retrieved from the [vendors/](#) endpoint.

division_id: The division for this transaction (if not specified on the vendor). this can be retrieved from the [divisions/](#) endpoint.

warehouse_id: The warehouse for this transaction (if no default is specified in Settings > Dictionaries > Warehouses). This can be retrieved from the [warehouses/](#) endpoint.

(items)

sku_id: The unique ID for the SKU desired. This can be retrieved from the [inventory/](#) endpoint.

qty: The number of units for the item

Sample Request

POST receivers/

Note: The SKU's historical weighted average cost will be used as the unit_cost for any non-production related (adjustment) receivers.

```
{
  "response": [
    {
      "receiver_id": "1075",
      "warehouse_id": "1000",
      "purchase_order_id": "",
      "vendor_id": "1000",
      "date": "06/29/2015",
      "qty": "50.00",
      "amount": "1480.00",
      "notes": "",
      "address_1": "",
      "address_2": "",
      "city": "",
      "state": "",
      "postal_code": "",
      "country": "",
      "phone": "",
      "division_id": "1000",
      "void": "0",
      "tracking_number": "",
      "error": "0",
      "is_posted": "0",
      "receiver_items": [
        {
          "id": "1496",
          "warehouse_id": "1000",
          "row_id": "5",

```

```

        "po_row_id": "",
        "pj_row_id": "",
        "receiver_id": "1075",
        "purchase_order_id": "",
        "vendor_id": "",
        "product_id": "1000",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "S",
        "qty": "10.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "20.00",
        "unit_cost_actualized": "0.00",
        "amount": "200.00",
        "sku_id": "1000",
        "sku_alt": "",
        "comment": "",
        "description": "Casual men's shirt in plaid
varieties",

        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHRT01"
    },
    {
        "id": "1497",
        "warehouse_id": "1000",
        "row_id": "5",
        "po_row_id": "",
        "pj_row_id": "",
        "receiver_id": "1075",
        "purchase_order_id": "",
        "vendor_id": "",
        "product_id": "1000",
        "attr_2": "BLK",
        "attr_3": "",

```

```

        "size": "M",
        "qty": "10.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "20.00",
        "unit_cost_actualized": "0.00",
        "amount": "200.00",
        "sku_id": "1001",
        "sku_alt": "",
        "comment": "",
        "description": "Casual men's shirt in plaid
varieties",

        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHRT01"
    },
    {
        "id": "1498",
        "warehouse_id": "1000",
        "row_id": "5",
        "po_row_id": "",
        "pj_row_id": "",
        "receiver_id": "1075",
        "purchase_order_id": "",
        "vendor_id": "",
        "product_id": "1000",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "L",
        "qty": "10.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "68.00",

```

```

        "unit_cost_actualized": "0.00",
        "amount": "680.00",
        "sku_id": "1002",
        "sku_alt": "",
        "comment": "",
        "description": "Casual men's shirt in plaid
varieties",

        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHRT01"
    },
    {
        "id": "1499",
        "warehouse_id": "1000",
        "row_id": "5",
        "po_row_id": "",
        "pj_row_id": "",
        "receiver_id": "1075",
        "purchase_order_id": "",
        "vendor_id": "",
        "product_id": "1000",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "XL",
        "qty": "10.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "20.00",
        "unit_cost_actualized": "0.00",
        "amount": "200.00",
        "sku_id": "1003",
        "sku_alt": "",
        "comment": "",
        "description": "Casual men's shirt in plaid
varieties",

        "duty_rate": "",

```

```

        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",
        "error": "0",
        "notes": "",
        "style_number": "SHRT01"
    },
    {
        "id": "1500",
        "warehouse_id": "1000",
        "row_id": "5",
        "po_row_id": "",
        "pj_row_id": "",
        "receiver_id": "1075",
        "purchase_order_id": "",
        "vendor_id": "",
        "product_id": "1000",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "XXL",
        "qty": "10.00",
        "qty_issued": "0.00",
        "qty_returned": "0.00",
        "qty_short": "0.00",
        "qty_damaged": "0.00",
        "qty_used": "0.00",
        "unit_cost": "20.00",
        "unit_cost_actualized": "0.00",
        "amount": "200.00",
        "sku_id": "1004",
        "sku_alt": "",
        "comment": "",
        "description": "Casual men's shirt in plaid
varieties",
        "duty_rate": "",
        "duty_amount": "",
        "cost_other": "",
        "whse_id": "",
        "lot_id": "",
        "is_inventory": "1",
        "is_issue": "0",
        "project_id": "",
        "upc": "",

```

```

        "error": "0",
        "notes": "",
        "style_number": "SHRT01"
    }
}
],
"meta": {
    "errors": []
}
}

```

PUT

Required fields:

receiver_id: The primary key

Fields allowed for update: "date", "tracking_number", "notes".

Sample Request

```

array(5) {
    ["time"]=>string(10) "1435342031"
    ["token"]=>string(3) "... "
    ["notes"]=>string(19) "Defective Shirts"
}

```

Errors

Invalid vendor: The vendor specified by vendor_id or vendor_name was not found.

No Division specified: The customer did not have a default division specified or no division was specified in the request.

No warehouse specified: No default warehouse was specified (under Settings > Dictionaries > Warehouses) or no warehouse was specified in the request.

Invalid Qty: A zero or non-integer value was used for the qty field value.

Invalid SKU: No SKU could be found based on the either the sku_id or combination of product_id, attr_2, attr_3, and size.

API - return_authorizations/

GET

return_authorizations/ – Returns a list of Return Authorizations based on the criteria in the request array. If no criteria is specified will return all Return Authorizations in the system.

return_authorizations/:return_authorization_id – Returns a single Return Authorization, specified by the id parameter.

Sample Response

GET return_authorizations/1000

```
{
  "response": [
    {
      "return_authorization_id":"1000",
      "warehouse_id":"1006",
      "invoice_id":"1004",
      "customer_id":"1002",
      "division_id":"1000",
      "date":"05\04\2017",
      "date_start":null,
      "date_due":"05\04\2017",
      "terms_id":null,
      "qty":"3",
      "qty_open_to_return":"0",
      "amount":"272.70",
      "amount_paid":"0.00",
      "amount_subtotal":"300.00",
      "pct_discount":"10.0000",
      "amount_discount":"30.00",
      "tax_rate":"1.0000",
      "tax_rate_2":"0.0000",
      "tax_first_tax_amount":"0",
      "override_tax_amount":"0",
      "amount_tax":"2.70",
      "amount_tax_2":"0.00",
      "amount_tax_total":"2.70",
      "amount_freight":"0.00",
      "amount_taxable":"270.00",
      "balance":"272.70",
      "notes":null,
      "private_notes":null,
    }
  ]
}
```

```
"department":null,
"customer_po":"4",
"ship_to_id":null,
"name":null,
"address_1":"100 Road",
"address_2":"Suite D",
"city":"",
"state":"FL",
"postal_code":"33407",
"country":"USA",
"phone":null,
"salesperson":null,
"season":null,
"commission_rate":null,
"ship_via":null,
"tracking_number":null,
"ar_acct":"1100",
"reason":null,
"approval_number":null,
"void":"0",
"is_posted":"0",
"is_locked":"0",
"weight":"4",
"error":"0",
"currency_id":"1000",
"currency_rate":"1.0000",
"description_misc":"bacon",
"qty_misc":"0.00",
"rate_misc":"0.00",
"amount_misc":"0.00",
"ship_to_name":null,
"provider":null,
"return_authorization_items":[
  {
    "id":"1207",
    "warehouse_id":"1006",
    "row_id":"1",
    "return_authorization_id":"1000",
    "credit_memo_id":null,
    "invoice_id":"1004",
    "invoice_item_id":"2790",
    "qty":"3.00",
    "qty_open_to_return":"0",
    "unit_price":"100.00",
    "amount":"300.00",
    "unit_cost":"9.70",
    "is_taxable":"1",
    "is_damaged":"1",
```

```

    "comment":null,
    "sku_id":"2570",
    "error":"0",
    "notes":"test",
    "product_id":"1195",
    "attr_2":"BLK",
    "attr_3":"",
    "size":"28x28",
    "style_number":"SHIRT01",
    "description":"Classic Knit Top"
  }
]
}
],
"meta": {
  "errors": []
}
}

```

POST

Required fields:

(header)

customer_id: The customer for this transaction. This can be retrieved from the [customers/](#) endpoint.

division_id: The division for this transaction (if not specified on the customer). This can be retrieved from the [divisions/](#) endpoint.

ar_acct: The A/R account for this transaction (if not specified on the customer). This can be retrieved from the [chart_of_accounts/](#) endpoint.

warehouse_id: The warehouse for this transaction (if no default is specified in Settings > Dictionaries > Warehouses). This can be retrieved from the [warehouses/](#) endpoint.

currency_id: The currency for this transaction (if no default is specified in Settings > Accounting > Currencies).

(items)

sku_id: The unique ID for the SKU desired. This can be retrieved from the [inventory/](#) endpoint.

qty: The number of units for the item

Additional required fields for authorizing an invoice:

(header)

invoice_id: The invoice that you would like to reference of this return authorization.

(items)

invoice_item_id: The invoice item that you would like to reference on a particular return authorization item.

NOTE: If you are going to be fully authorizing the invoice, we would recommend performing the `authorize_return` PUT request on the `invoices/` endpoint. The method mentioned above is specifically for partial return authorizations.

Sample Request

POST `return_authorizations/`

```
array(4) {
  ["time"]=>
  string(10) "1435333403"
  ["token"]=>
  string(3) "... "
  [0]=>
  array(2) {
    ["header"]=>
    array(1) {
      ["customer_id"]=>
      string(4) "1000"
    }
    ["items"]=>
  \  array(5) {
    [0]=>
    array(3) {
      ["sku_id"]=>
      string(4) "1000"
      ["qty"]=>
      string(2) "10"
      ["is_taxable"]=>
  \      string(1) "1"
    }
    [1]=>
    array(3) {
      ["sku_id"]=>
  \      string(4) "1001"
      ["qty"]=>
      string(2) "10"
  \      ["is_taxable"]=>
      string(1) "1"
    }
    [2]=>
```

```

\   array(5) {
      ["sku_id"]=>
      string(4) "1002"
      ["qty"]=>
\     string(2) "10"
      ["unit_price"]=>
      string(5) "68.00"
\     ["amount"]=>
      string(6) "680.00"
      ["is_taxable"]=>
\     string(1) "1"
    }
  [3]=>
  array(3) {
    ["sku_id"]=>
\     string(4) "1003"
    ["qty"]=>
      string(2) "10"
\     ["is_taxable"]=>
      string(1) "1"
  }
  [4]=>
\   array(3) {
      ["sku_id"]=>
      string(4) "1004"
      ["qty"]=>
\     string(2) "10"
      ["is_taxable"]=>
      string(1) "1"
\   }
  }
}
}
}
}

```

Errors

Invalid customer: The customer specified by customer_id or customer_name was not found.

No Division specified: The customer did not have a default division specified or no division was specified in the request.

No warehouse specified: No default warehouse was specified (under Settings > Dictionaries > Warehouses) or no warehouse was specified in the request.

No AR Acct specified: The customer did not have a default AR account or no AR account was specified in the request.

No currency specified: The customer did not have a default currency or no currency default currency was specified (under Settings > Accounting > Currencies).

Invalid Qty: A zero or non-integer value was used for the qty field value.

Invalid SKU: No SKU could be found based on the either the sku_id or combination of product_id, attr_2, attr_3, and size.

PUT

Required fields:

return_authorization_id: The primary key

Fields allowed for update:

Header level - "notes", "amount_freight", "shipping_info", "address_1", "address_2", "city", "state", "postal_code", "country", "terms_id", "date", "phone", "ship_via"

Item level - "qty", "is_damaged"

Sample Request

```
array(5) {
  ["time"]=>
  string(10) "1435335841"
  ["token"]=>
  string(3) "... "
  ["amount_freight"]=>
  string(5) "14.43"
  ["items"]=>
  array(2) {
    [0]=>
    array(2) {
      ["id"]=>
      string(4) "1191"
      ["qty"]=>
      string(1) "4"
    }
    [1]=>
    array(3) {
      ["id"]=>
      string(4) "1192"
      ["qty"]=>
      string(1) "4"
      ["is_damaged"]
      string(1) "1"
    }
  }
}
```

```
}  
}  
}
```

Credit (PUT)

PUT return_authorizations/1085/credit

API - salespeople/

GET

salespeople/ – Returns a list of Salespeople based on the criteria in the request array. If no criteria is specified will return all Salespeople in the system.

salespeople/:id – Returns a single Salesperson, specified by the id parameter.

Sample Response

GET salespeople/1001

```
{ "response":  
  [  
    {  
      "id": "1001",  
      "user_id": 103,  
      "name": "Jeff Smith",  
      "rate": "10.0000"  
    }  
  ],  
  "meta": {  
    "errors": []  
  }  
}
```


API - ship_methods/

GET

ship_methods/ – Returns a list of Ship Methods based on the criteria in the request array. If no criteria is specified will return all Ship Methods in the system.

ship_methods/:id – Returns a single Ship Method, specified by the id parameter.

Sample Response

GET ship_methods/1001

```
{
  "response": [
    {
      "id": "1001",
      "provider": "UPS",
      "name": "2 Day"
    }
  ],
  "meta": {
    "errors": []
  }
}
```

POST

Required fields:

provider: The shipping provider (ex: FedEx/UPS)

name: The name or identifier for this method (ex: 2-Day, Next Day, Ground)

Sample Request

POST ship_methods/

```
array(5) {
  ["time"]=>
  string(10) "1435595761"
  ["token"]=>
  string(3) "..."
```

```
["provider"]=>
string(5) "FedEx"
["name"]=>
string(6) "Ground"
}
```

API - shipping_terms/

GET

shipping_terms/ – Returns a list of Shipping Terms based on the criteria in the request array. If no criteria is specified will return all Shipping Terms in the system.

shipping_terms/:id – Returns a single Shipping Term, specified by the id parameter.

Sample Response

GET shipping_terms/1001

```
{
  "response": [
    {
      "id": "1001",
      "provider": "UPS",
      "name": "Pre-Paid"
    }
  ],
  "meta": {
    "errors": []
  }
}
```

POST

Required fields:

provider: The shipping provider (ex: FedEx/UPS)

name: The name or identifier for this terms (ex: Third Party, Pre-Paid, Consignee Bill)

Sample Request

POST shipping_terms/

```
array(5) {
  ["time"]=>
  string(10) "1435595697"
  ["token"]=>
  string(3) "..."
```

```
["provider"]=>  
string(5) "FedEx"  
["name"]=>  
string(14) "Consignee Bill"  
}
```

API - size_ranges/

GET

size_ranges/ – Returns a list of Size Ranges based on the criteria in the request array. If no criteria is specified will return all Size Ranges in the system.

size_ranges/:id – Returns a single Size Range, specified by the id parameter.

Sample Response

GET size_ranges/1001

```
{
  "response": [
    {
      "id": "1001",
      "name": "Men Shirt",
      "is_product": "1",
      "is_component": "0",
      "size_01": "S",
      "size_02": "M",
      "size_03": "L",
      "size_04": "XL",
      "size_05": "XXL",
      "size_06": "",
      "size_07": "",
      "size_08": "",
      "size_09": "",
      "size_10": "",
      "size_11": "",
      "size_12": "",
      "size_13": "",
      "size_14": ""
    }
  ],
  "meta": {
    "errors": []
  }
}
```

API - sku_warehouse/

Used to access the specific iteration of a SKU in a Warehouse.

GET

`sku_warehouse/` – Returns a list of Warehouse SKUs based on the criteria in the request array. If no criteria is specified will return all Warehouse SKUs in the system.

`sku_warehouse/:id` – Returns a single Warehouse SKU, specified by the id parameter.

Sample Response

GET `sku_warehouse/1001`

```
{
  "response": [
    {
      "id": "1001",
      "sku_id": "1001",
      "warehouse_id": "1000",
      "qty_inventory": "20.00",
      "qty_avail_sell": "19.00",
      "qty_alloc": "0.00",
      "qty_avail_alloc": "20.00",
      "qty_open_wip": "0.00",
      "qty_open_po": "9.00",
      "qty_open_po_no_proj": "9.00",
      "qty_otr": "9.00",
      "qty_open_sales": "10.00",
      "qty_picked": "0.00",
      "qty_invoiced": "25.00",
      "qty_credited": "5.00",
      "qty_received": "40.00",
      "qty_issued": "0.00",
      "qty_returned": "0.00",
      "qty_required_comp": "0.00"
    }
  ],
  "meta": {
    "errors": []
  }
}
```

```
}
```

API - terms/

GET

terms/ – Returns a list of Terms based on the criteria in the request array. If no criteria is specified will return all Terms in the system.

terms/:id – Returns a single Term, specified by the id parameter.

Sample Response

GET terms/1001

```
{
  "response": [
    {
      "id": "1001",
      "name": "NET 30",
      "num_days": "30",
      "edi_terms_code": "",
      "edi_terms_description": ""
    }
  ],
  "meta": {
    "errors": []
  }
}
```


API - users/

GET

users/ – Returns a list of Users based on the criteria in the request array. If no criteria is specified will return all Users in the system.

users/:id – Returns a single User, specified by the id parameter.

Sample Response

GET users/1001

```
{
  "response": [
    {
      "user_id": "1001",
      "name": "admin",
      "last_login": "February 18, 2015, 11:36 am",
      "last_ip": "127.0.0.1",
      "terms_accepted": "1",
      "is_admin": "1",
      "is_normal": "0",
      "no_cost": "0",
      "is_salesperson": "0",
      "is_buyer": "0",
      "notes": "",
      "last_layout": ""
    }
  ],
  "meta": {
    "errors": []
  }
}
```

API - vendors/

GET

vendors/ – Returns a list of Vendors based on the criteria in the request array. If no criteria is specified will return all Vendors in the system.

vendors/:id – Returns a single Vendor, specified by the id parameter.

vendors/:id/purchase_orders – Returns a list of all the Purchase Orders in the system for a single Vendor, specified by the id.

vendors/:id/receivers – Returns a list of all the Receivers in the system for a single Vendor, specified by the id.

Sample Response

```
{
  "response": [
    {
      "vendor_id": "1001",
      "account_number": "",
      "vendor_name": "We Make Jeans!",
      "date_created": "",
      "active": "",
      "address_1": "6000 Vendor Street",
      "address_2": "",
      "city": "Gainesville",
      "state": "FL",
      "postal_code": "32607",
      "country": "USA",
      "phone": "555-354-6412",
      "email": "info@wemakejeans.com",
      "website": "www.wemakejeans.com",
      "shipping_info": "",
      "credit_limit": "",
      "credit_status": "",
      "royalty_rate": "",
      "category": "Pants",
      "terms_id": "",
      "division_id": "1000",
      "status": "",
      "notes": "",
      "ship_via": "1000",
      "is_active": "1",
    }
  ]
}
```

```
        "test": "0",
        "xero_id": "",
        "xero_synced": "0"
    }
],
"meta": {
    "errors": []
}
}
```

API - warehouses/

GET

warehouses/ – Returns a list of Warehouses based on the criteria in the request array. If no criteria is specified will return all Warehouses in the system.

warehouses/:id – Returns a single Warehouse, specified by the id parameter.

Sample Response

GET warehouses/

```
{
  "response": [
    {
      "id": "1001",
      "name": "FL",
      "is_default": "0",
      "email": "fl-whse@testco.com"
    }
  ],
  "meta": {
    "errors": []
  }
}
```

API - shipments/

GET

shipments/ – Returns a list of Shipments based on the criteria in the request array. If no criteria is specified will return all Shipments in the system.

shipments/:shipment_id – Returns a single Shipment, specified by the id parameter.

Sample Response

GET shipment/

```
{
  "response": [
    {
      "id": "1000",
      "customer_id": "1345",
      "date": "05\05\2017",
      "bill_of_lading": null,
      "tracking_number": null,
      "selected_pick_ticket_ids": "1003",
      "notes": null,
      "qty": "1",
      "qty_boxes": "1",
      "weight": "1.34",
      "void": "0",
      "invoice_id": "1005",
      "is_locked": "0",
      "customer_name": "BestStoreEver",
      "last_modified_time": "2017-05-08T06:44:19Z",
      "boxes": [
        {
          "id": "30000022",
          "shipment_id": "1000",
          "qty": "1",
          "ucc": "00123456700300000229",
          "box_number": "1",
          "weight": "1.34",
          "box_items": [
            {
              "id": "1176",
              "box_id": "30000022",
              "pick_ticket_item_id": "1779",
              "qty": "1",
            }
          ]
        }
      ]
    }
  ]
}
```

```

        "weight": "0.00",
        "product_id": "1195",
        "attr_2": "BLK",
        "attr_3": "",
        "size": "28x28",
        "style_number": "SHIRT01",
        "description": "KnitTop"
    }
]
}
],
"print_url": "http://23.253.245.188:16/ext/print/?t=shipment&i%5B0%5D=1000&c=1345&h=fb0cda69c3df8bbeb77255bf580acffacbd66d53b8d4c601602e1a585df023cc"
}
],
"meta": {
    "errors": [
    ]
}
}
}

```

POST

Required fields:

(header)

customer_id: The customer for the shipment. This can be retrieved from the [customers/](#) endpoint.

selected_pick_ticket_ids: The pick tickets that should be listed on the shipment. This can be retrieved from the [pick_tickets/](#) endpoint. This should be sent in an **array**.

(boxes)

box_number: The box number for the box.

box_items: The box items that should be placed on the box. This should be sent in an **array**.

(box_items)

pick_ticket_item_id: The pick ticket item id for the box item. This can be retrieved from the [pick_tickets/](#) endpoint.

qty: The number of units that should be placed for the box item. This must be less than the total of pick ticket item units minus the total boxed units for that pick ticket item.

Sample Request

POST shipments/

```
array(4) {
  ["time"]=>
  string(10) "1435341751"
  ["token"]=>
  string(3) "... "
  [0]=>
  array(3) {
    ["header"]=>
    array(2) {
      ["customer_id"]=>
      string(4) "1000"
      ["selected_pick_ticket_ids"]=>
      array(2) {
        [0] =>
        string(4) "1000"
        [1] =>
        string(4) "1001"
      }
    }
  }
  ["boxes"]=>
  array(2) {
    [0]=>
    array(2) {
      ["box_number"]=>
      string(1) "1"
      ["box_items"]=>
      array(1) {
        [0]=>
        array(2) {
          ["pick_ticket_item_id"]=>
          string(5) "10000"
          ["qty"]=>
          string(1) "1"
        }
      }
    }
    [1]=>
    array(2) {
      ["box_number"]=>
      string(1) "2"
      ["box_items"]=>
      array(2) {
```

```

[0]=>
array(2) {
  ["pick_ticket_item_id"]=>
  string(5) "10001"
  ["qty"]=>
  string(2) "10"
}
[1]=>
array(2) {
  ["pick_ticket_item_id"]=>
  string(5) "10002"
  ["qty"]=>
  string(1) "4"
}
}
}
}
}
}
}
}

```

Errors

Invalid customer: The customer specified by customer_id or customer_name was not found.

No Pick Tickets selected: There were no pick tickets sent as part of the "selected_pick_ticket_ids" array

Incorrect customer reference for selected Pick Tickets: The customer listed on the request, does not match the customers listed for all of the selected Pick Tickets.

The selected Pick Tickets reference more than one warehouse: The selected Pick Tickets have more than one **unique** warehouse associated with them.

The selected Pick Tickets reference more than one shipping address: The selected Pick Tickets have more than one **unique** shipping address associated with them.

Duplicate box numbers specified: Unique indices of the **boxes** array contain the same box number.

Invalid Pick Ticket Item specified: Either the Pick Ticket Item does not exist, or it is not related to the selected Pick Tickets.

Invalid Quantity provided: There are no more units that can be boxed (based on the number of units on the pick ticket item minus the number of **already** boxed units).

PUT

Required fields:

shipment_id: The primary key

Fields allowed for update: "tracking_number", "bill_of_lading"

Sample Request

```
array(5) {  
  ["time"]=>  
  string(10) "1435342031"  
  ["token"]=>  
  string(3) "..."  
  ["tracking_number"]=>  
  string(8) "XF394k3"  
}
```

Invoice (PUT)

PUT shipments/1085/invoice

For more information on invoicing a shipment, please see the [shipping chapter](#).

API - events/

GET

events/ – Returns a list of Events based on the criteria in the request array. If no criteria is specified will return all Events in the system.

events/:id – Returns a single Event, specified by the id parameter.

Sample Response

GET events/1033

```
{
  "response": [
    {
      "id": "1033",
      "user_id": "1029",
      "customer_id": "1001",
      "vendor_id": null,
      "product_id": "1050",
      "order_id": null,
      "pick_ticket_id": null,
      "invoice_id": null,
      "payment_id": null,
      "return_authorization_id": null,
      "credit_memo_id": null,
      "project_id": null,
      "purchase_order_id": null,
      "receiver_id": null,
      "transfer_receiver_id": null,
      "ap_id": null,
      "title": "Mass Replace",
      "date": "10\15\2017",
      "date_due": "10\30\2017",
      "time": "10:00 AM",
      "time_due": "11:00 AM",
      "description": "Go over available product colors",
      "type": "Meeting",
      "notes": "Let client know that product is available in red, blue, and yellow.",
      "status": "Done",
      "last_modified_time": "2017-10-31T15:23:20Z"
    }
  ],
  "meta": {
```

```
    "errors": [
    ]
  }
}
```

POST

Sample Request

POST events/

```
array(4) {
  ["time"]=>
  string(10) "1435341751"
  ["token"]=>
  string(3) "... "
  [0]=>
  array(1) {
    ["header"]=>
    array(4) {
      ["customer_id"]=>
      string(4) "1001"
      ["status"]=>
      string(4) "Open"
      ["date"]=>
      string(10) "10/15/2017"
      ["time"]=>
      string(8) "10:00 AM"
    }
  }
}
```

Errors

Invalid Customer: The customer specified by customer_id was not found.

Invalid User: The user specified by user_id was not found.

Invalid Vendor: The vendor specified by vendor_id was not found.

Invalid Product: The product specified by product_id was not found.

Invalid Status: The status specified was not "Open" or "Done".

Working with foreign amounts/values using the API

By default, it is assumed that all values you send to the API are in the home currency. When these values are received by the API, they are converted based on the conversion rate of the currency specified on the transaction (where applicable) and stored in the database.

On PUT and POST requests, you can use the parameter **use_foreign_values** to inform the ApparelMagic Cloud API that the values you are sending are already in the foreign currency, and should not be converted again. Similarly, this parameter can be used on get requests to receive a response with amounts in the foreign currency.

NOTE: On PUT/POST requests, this parameter is NOT passed in the payload, and is still passed as a parameter in the URL. Ex:

```
POST https://[subdomain].app.apparelmagic.com/api/orders/?use_foreign_values=true
```

API - order_items/

GET

order_items/ - Returns a list of Orders Items based on the criteria in the request array.

CAUTION: The parameter array is **required** for the order_items endpoint.

Sample Response

GET order_items/

```
{
  "response": [
    {
      "id": "3413",
      "warehouse_id": "1000",
      "row_id": "9",
      "order_id": "1000",
      "date_due": "05\18\2017",
      "qty": "34.00",
      "qty_alloc": "0.00",
      "qty_picked": "0.00",
      "qty_open": "24.00",
      "qty_shipped": "10.00",
      "qty_cxl": "0.00",
      "unit_price": "50.0000",
      "amount": "1700.00",
      "amount_alloc": "0.00",
      "amount_open": "1200.00",
      "amount_shipped": "500.00",
      "amount_cxl": "0.00",
      "is_taxable": "1",
      "sku_id": "2570",
      "purchase_order_id": null,
      "purchase_order_item_id": null,
      "project_id": null,
      "project_item_id": null,
      "notes": null,
      "production_notes": null,
      "decoration": null,
      "mark_for_store": null,
      "retailer_sku": null,
      "ticketing": null,
      "item_number": null,
    }
  ]
}
```

```
        "product_id":"1195",
        "attr_2":"BLK",
        "attr_3":"",
        "size":"28x28",
        "style_number":"SHIRT01",
        "description":"KnitTop"
    },
    "meta":{
        "errors":[

        ]
    }
}
```

PUT

NOTE: Only commands can be run on the order_items endpoint.

In the body of the request, you **must** provide an array of item_ids, for the command that you wish to run.

Sample Request

```
array(5) {
  ["time"]=>
  string(10) "1435342031"
  ["token"]=>
  string(3) "... "
  ["item_ids"]=>
  array(3) {
    [0] =>
    int(4) 3413
    [1] =>
    int(4) 3414
    [2] =>
    int(4) 3415
  }
}
```

Cancel (PUT)

PUT order_items/cancel

Un-Cancel (PUT)

PUT order_items/uncancel

Allocate (PUT)

PUT order_items/allocate

Un-Allocate (PUT)

PUT order_items/unallocate

Force Allocate (PUT)

PUT order_items/force_allocate