

REST API

[Change Log](#)

[Version 1.1](#)

[Where are your API endpoints?](#)

[Get user account](#)

[Get access token](#)

[Make an order](#)

[Create product](#)

[Create orders](#)

[How to make our connections page in your software](#)

[Connection Settings Properties](#)

[How to check for duplicate products or orders](#)

[List all products](#)

[List Products Response](#)

[List orders](#)

Change Log

Version 1.1

1. Documented how to white label Connex.
2. Documented connection settings properties.
3. Documented staging site API.
4. Documented create orders API.

Where are your API endpoints?

There is a staging site API and a production site API. Here are the end points:

1. Staging: [Swagger UI](#)
2. Production: [Swagger UI](#)

We publish changes to staging, QA tests and we publish. We recommend starting with the staging site first because it gets all the latest changes.

Get user account

Once you sign up for our API, we will create a user account for you. We will give you a user name and a user connection ID. Each order or product is associated with a connection, like Amazon or Shopify. Your custom integration will become a connection.

Get access token

We will use our demo account as an example:

1. Go to our REST API live or staging site.
2. Go to `api/account/login`.
3. Use this JSON:

```
1 {  
2   "username": "qbotest@intuit.com",
```


timeUntilRestock	int	Days to get in the mail from the supplier.	Yes
averageCost	decimal	Comes from accounting tool. Average cost of the unit.	Yes

The demo account cannot create products, but you can create products with your account.

Next, call `api/products/add`:

```

1  {
2  "id": 0,
3  "reportingUserId": "0e56eeb0-9c1d-42b3-8a61-4376516718d2",
4  "name": "Test Custom",
5  "imageUrls": [
6    "string"
7  ],
8  "sku": "TestCustom",
9  "description": "string",
10 "asin": "string",
11 "unitValue": 0,
12 "unitCost": 0,
13 "salesPrice": 0,
14 "productType": 0,
15 "reorderPoint": 0,
16 "maxQuantity": 0,
17 "timeUntilRestock": 0,
18 "daystoReceive": 0,
19 "isActive": true,
20 "assetValue": 0,
21 "averageCost": 0,
22 "quantityOnOrder": 0,
23 "quantityOnSalesOrder": 0,
24 "quantityOnHand": 0,
25 "quantity": 0,
26 "isManual": true,
27 "unit": 0,
28 "userConnectionId": 1 (FROM USER CONNECTION ID ACCOUNT),
29 "internalNote": "string",
30 "objProductCategories": {
31   "categoryId": 0,
32   "subCategoryIds": [
33     {
34       "categoryId": 0
35     }
36   ]
37 }
38 }

```

Response

```

1  Added Successfully

```

Create orders

Here are the properties:

Name	Type	Description	Required
ReportingUserId	GUID		Yes
UserConnectionId	int		Yes
OrderTotal	decimal		Yes
TotalTax	decimal		Yes
ShipDate	DateTime		No
ShippingMethod	string		No
OrderDate	DateTime		Yes
OrderNumber	string		Yes
CustomerName	string	John Smith, name of customer.	Yes
ShippingTwoLetterRegionName			
ShippingTwoLetterIso			
ChannelName	string	Amazon, eBay, where the order originated.	
OrderType	enum	<pre>1 webOrder = 0, 2 WebRefund=1, 3 Invoice, 4 CreditMemo, 5 SalesOrder, 6 7 SalesReceipt, RefundReceipt,</pre>	Yes, should default to 0 for a sale or 1 for a refund.
Deleted	bool	Should be false	Yes

Next, call `api/orders/createorders`. You can send up to 100 orders at a time:

```
1
2 [
3 {
4   "billingAddress": {
5     "address1": "123 Main St.",
6     "address2": "STE 100",
7     "city": "Watertown",
8     "company": "Connex",
9     "countryName": "United States",
10    "email": "example@example.com",
11    "firstName": "Joe",
12    "fullName": "Joe Example",
13    "lastName": "Example",
```

```
14     "phoneNumber": "7813300737",
15     "postalCode": "02472",
16     "regionName": "MA",
17     "twoLetterIsoCode": "US"
18 },
19 "shippingAddress": {
20     "address1": "123 Main St.",
21     "address2": "STE 100",
22     "city": "Watertown",
23     "company": "Connex",
24     "countryName": "United States",
25     "email": "example@example.com",
26     "firstName": "Joe",
27     "fullName": "Joe Example",
28     "lastName": "Example",
29     "phoneNumber": "7813300737",
30     "postalCode": "02472",
31     "regionName": "MA",
32     "twoLetterIsoCode": "US"
33 },
34 "creationDate": "2024-09-06T13:33:28.283Z",
35 "creditCardName": "Credit Card",
36 "discountExclTax": 3,
37 "discountInclTax": 3,
38 "ShippingMethod": "UPS",
39 "ShippingExclTax": "2",
40 "ShippingInclTax": "2",
41 "TotalExclTax": 4,
42 "orderType": "0",
43 "orderDetails": [
44     {
45         "name": "My Product",
46         "priceExclTax": 2,
47         "priceInclTax": 3,
48         "quantity": 2,
49         "sku": "Product123",
50         "options": [
51             {
52                 "name": "Color",
53                 "value": "Red",
54                 "sku": "Product1234",
55                 "quantity": 2
56             }
57         ],
58         "jmaCustomFields": [
59             {
60                 "name": "sadsa",
61                 "value": "",
62                 "orderNumber": "",
63                 "mapped": true
64             }
65         ],
66         "customFields": [
67             {
68                 "name": "sadsa",
69                 "value": "",
70                 "orderNumber": "",
71                 "mapped": true
```

```

72     }
73   ],
74
75   "orderNumbersForItemSummary": [
76   ],
77
78   "vendor": "Sample Vendor",
79   "categories": [
80     "My product categories"
81   ],
82   "hasKnownSKU": true,
83   "fees": {
84     "additionalProp1": 2,
85     "additionalProp2": 2,
86     "additionalProp3": 2
87   }
88 }
89 ]
90 }
91 ]

```

Response

```

1 {
2   "Records inserted Successfully"
3 }

```

How to make our connections page in your software

If you want users to run the sync in your software, you will need to make these calls:

1. API/UserConnections/List will list all the connections with Connex.
2. API/Settings/Update allows you to update sync timers and other settings.
3. API/ScheduledTask/RunNow once you call settings update, this tells Connex to run the scheduled task ASAP.

Connection Settings Properties

Name	Notes
SolutionUserName	Usually an access token to pair a selling channel.
SolutionPassword	Usually a refresh token. Used with solution user name to pair a selling channel.
SolutionParameter	Used to pair a selling channel.
ShopifyToken	No longer used
Stores	Used to filter a list of sales. Not used as of 9/5/2024.
OrderStatuses	Used to filter a list of sales, like return all shipped orders. Not used as of 9/5/2024.

LastDownloadUtc	When downloading orders from the selling channel, this is the start date.	
LastDownloadUtcEnd	When downloading orders from the selling channel, this is the end date.	
LastProductDownloadUtc	Downloads products from selling channel into Connex. This is the begin date.	
LastProductDownloadUtcEnd	Downloads products from selling channel into Connex. This is the end date.	
LastProductUploadUtc	Uploads products from Connex to selling channel. This is the begin date.	
LastProductUploadUtcEnd	Uploads products from Connex to selling channel. This is the end date.	
SummaryTransactionGroupBy	Used to sync a summary of sales, instead of individual sales. We recommend syncing a summary to save space in our database. Use the value 1	

How to check for duplicate products or orders

List all products

You can list all products:

```

1  {
2    "pageNumber": 1,
3    "pageSize": 10,
4    "searchText": "",
5    "orderBy": "",
6    "direction": "",
7    "isManual": false,
8    "onlyFetchUnknownSkusProducts": false,
9    "productType": null,
10   "userConnectionId": 0
11  }
```

List Products Response

```

1  {
2    "lstProducts": [
3      {
4        "name": "TEST_INV_PRODUCT",
5        "description": "",
```

```
6      "timeUntilRestock": 0,
7      "daystoReceive": 0,
8      "sku": "INVENTORY_PRODUCT",
9      "asin": "",
10     "productType": 0,
11     "productTyp": null,
12     "unitCost": 98.00,
13     "assetValue": 0.00,
14     "salesPrice": 0.00,
15     "reorderPoint": 0,
16     "maxQuantity": 0,
17     "quantityOnOrder": 0.00,
18     "quantityOnSalesOrder": 0.00,
19     "quantity": 0.00,
20     "id": 133007,
21     "averageCost": 98.00,
22     "quantityOnHand": 12.00,
23     "unit": null,
24     "isManual": false,
25     "channelName": "QuickBooks Online",
26     "userConnection": {
27         "deleted": false,
28         "connectionType": 4,
29         "connectionTypeId": 0,
30         "solutionWebsite": "http://www.quickbooksonline.com",
31         "connectionSettings": [],
32         "scheduledTasks": [],
33         "reportingOrders": [],
34         "reports": [],
35         "inventoryDetailLogs": [],
36         "notificationSettings": [],
37         "id": 951,
38         "reportingUserId": "f444a9f4-1fc4-42cd-9361-25c36f4ff418",
39         "reportingUser": null,
40         "dateCreated": "2024-08-28T07:23:43.3903372",
41         "dateModified": "2024-08-28T07:23:43.3903401"
42     },
43     "createdAt": "2024-08-28T07:24:57.6521682",
44     "updatedAt": "2024-08-28T08:03:17.6889286",
45     "hasUnknownSku": false,
46     "internalNote": "",
47     "imageUrl": "",
48     "imageUrls": [],
49     "objCategoryIds": {
50         "categoryId": 0,
51         "categoryName": "",
52         "subCategoryIds": null
53     },
54     "objUserConnectionViewModel": {
55         "userConnectionId": 951,
56         "userConnectionName": "QuickBooks Online"
57     }
58 },
59 {
60     "name": "IPHONE _ WHITE COVER",
61     "description": "",
62     "timeUntilRestock": 0,
63     "daystoReceive": 0,
```



```
64     "sku": "IPHONE_white112",
65     "asin": "",
66     "productType": 0,
67     "productTyp": null,
68     "unitCost": 0.00,
69     "assetValue": 0.00,
70     "salesPrice": 100.00,
71     "reorderPoint": 0,
72     "maxQuantity": 0,
73     "quantityOnOrder": 0.00,
74     "quantityOnSalesOrder": 0.00,
75     "quantity": 0.00,
76     "id": 133006,
77     "averageCost": 0.00,
78     "quantityOnHand": 0.00,
79     "unit": null,
80     "isManual": false,
81     "channelName": "QuickBooks Online",
82     "userConnection": {
83         "deleted": false,
84         "connectionType": 4,
85         "connectionTypeId": 0,
86         "solutionWebsite": "http://www.quickbooksonline.com",
87         "connectionSettings": [],
88         "scheduledTasks": [],
89         "reportingOrders": [],
90         "reports": [],
91         "inventoryDetailLogs": [],
92         "notificationSettings": [],
93         "id": 951,
94         "reportingUserId": "f444a9f4-1fc4-42cd-9361-25c36f4ff418",
95         "reportingUser": null,
96         "dateCreated": "2024-08-28T07:23:43.3903372",
97         "dateModified": "2024-08-28T07:23:43.3903401"
98     },
99     "createdAt": "2024-08-28T07:24:57.6521648",
100    "updatedAt": "2024-08-28T08:03:05.6448618",
101    "hasUnknownSku": false,
102    "internalNote": "",
103    "imageUrl": "",
104    "imageUrls": [],
105    "objCategoryIds": {
106        "categoryId": 0,
107        "categoryName": "",
108        "subCategoryIds": null
109    },
110    "objUserConnectionViewModel": {
111        "userConnectionId": 951,
112        "userConnectionName": "QuickBooks Online"
113    }
114 }
115 ],
116 "unknownSkusCount": 0,
117 "objMetaData": {
118     "totalRows": 9,
119     "totalNumberOfPages": 1
120 }
121 }
```

List orders

You can call list orders to see what orders you made:

```
1 {
2   "beginDate": "05/05/2024",
3   "endDate": "09/05/2024",
4   "pageNumber": 1,
5   "pageSize": 10,
6   "searchText": "",
7   "orderBy": "orderDate",
8   "direction": "desc",
9   "userConnectionId": 0
10 }
```

Response

```
1 {
2   "lstAllOrders": [
3     {
4       "id": 0,
5       "orderNumber": "JMA1189",
6       "orderDate": "2024-07-29T08:24:27",
7       "channel": "Shopify",
8       "totalProductSales": 920.16,
9       "userConnectionId": 944,
10      "chipColor": "",
11      "lstOrderItemDetails": [
12        {
13          "productName": "JMA Blue T Shirt - S",
14          "sku": "JMA Blue T Shirt-1",
15          "orderedProductQuantity": 1,
16          "totalSoldPrice": 2,
17          "unitPrice": 2,
18          "imagesUrl": [],
19          "orderNumberSummary": [
20            "JMA1189"
21          ]
22        },
23        {
24          "productName": "JMA Blue T Shirt - M",
25          "sku": "JMA Blue T Shirt-2",
26          "orderedProductQuantity": 1,
27          "totalSoldPrice": 2,
28          "unitPrice": 2,
29          "imagesUrl": [],
30          "orderNumberSummary": [
31            "JMA1189"
32          ]
33        }
34      ]
35    }
36  ],
37  "objMetaData": {
38    "totalRows": 1,
39    "totalNumberOfPages": 1
40  }
41 }
```