Jerome Clothiers Rest API Document

Version 1.0

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Introduction

The Jerome Clothiers Rest API allows you to connect to the system and perform different operations using GET, PUT and POST operations.

Records that currently be accessed:

- Order – The Sales Order and the sales order status
- Fabric – The fabric stocked items and their availability
- Lining Fabrics – The lining fabric items and their availability
- Tailor (not required) – The customer's details
- Tailor's Client (not required) – The customer's client details
- Fit Profile (not required) – The customer's client measurements

Rest API URL

https://3857857.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2

HTTP Methods

GET – Used to retrieve information. Can be used on all records (Tailor, Tailor's Client, Fit Profile, Order, Fabric, Lining Fabrics)

POST – Used to create new records. Can be used on Tailor's Client, Fit Profile and Order

PUT – Used to update records. Can be used on Client and Fit Profile Records

Response

Response will be in JSON format

Access Method

On version 1.0 you need to pass the developer's account username and password provided on the header and tailor's id and the tailor token in some operations.

Header

On the header needs to be added in the request

```
this.email = "development@jeromeclothiers.com";
this.account = "3857857";
this.role = "1028";
this.password = "Jerome123!";
```

```
Example header code
headers = {
        "User-Agent-x": "SuiteScript-Call",
        "Authorization": "NLAuth nlauth_account=" + cred.account + ", nlauth_email=" + cred.email +
                ", nlauth_signature= " + cred.password + ", nlauth_role=" + cred.role,
        "Content-Type": "application/json"
        };
```

API Methods

Get Request

- Get request is used to get a specific record or a list of records.
- Records that can be accessed in get request are Tailor's Client, Fabric, Fit Profile, Lining, Order and Tailor. You access the records by passing the parameter type CLIENT, FABRIC, FIT_PROFILE, LINING, ORDER, TAILOR.
- In get request there are two types of use, one is getting a single record and the other is getting a list of records. When you pass the parameter id, the system will get the specific record requested but when you did not specify the parameter id the system will retrieve the list of records
- The filters.user and filters.usertoken are given the Jerome Clothiers for each user. For FABRIC and LINING calls you are not required to pass in the filters.user and filters.usertoken.
- List getting a list of records, the default number of records returned is 25 but you can change it by providing a value in the limit parameter.
- For get requests parameters are added at the end of the url

Post Request

- Post request is used to create a record.
- Records that can be accessed in a post request are Tailor's Client, Fit Profile and Order. You can access these by passing the parameter type CLIENT, FIT_PROFILE and ORDER
- In the data you passed you need to also pass the userid and usertoken

Put Request

- Put request is used to update a record
- Records that can be accessed in a post request are Tailor's Client, Fit Profile. You can access these by passing the parameter type CLIENT, FIT_PROFILE
- In the data you passed you need to also pass the userid and usertoken

Fabric Operations

FABRIC GET REQUEST

The fabric that will return with stock and stock status are only Jerome Clothier Items.

PARAMETERS
   type (String)(Required)= FABRIC,
   code (String) (Optional) = FABRIC CODE

1. Getting the list of Fabrics

https://3857857.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=FABRIC**

Response:

```
{
  "responseTime":"703ms",
  "length":100,
  "data":[
    {
      "id":260610,
      "name":"TSHL070",
      "vendor":"Jerome Clothiers",
      "stock":14.27,
      "status":"Low Stock",
      "stockmessage":"Low Stock",
      "checkstockmessage":""
    },
    {
      "id":260420,
      "name":"BA029",
      "vendor":"Jerome Clothiers",
      "stock":0,
      "status":"Out of Stock",
      "stockmessage":"",
      "checkstockmessage":""
    },
    {...}
  ]
}
```

2. Getting the specific fabric

Example:

https://3857857.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=FABRIC&code=TSHL070**

Response:

```
{
  "data":[
    {
      "id":260610,
      "name":"TSHL070",
      "vendor":"Jerome Clothiers",
      "stock":14.27,
      "status":"Low Stock",
      "stockmessage":"Low Stock",
      "checkstockmessage":""
    }
  ],
  "length":1,
   "responseTime":"703ms"
}
```

Lining Operations

LINING GET REQUEST

PARAMETERS
> type (String)(Required) = LINING,
> code (String)(Optional) = Lining Fabric Code

1. Get the List of all lining fabrics
   Example

   https://3857857.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type= LINING**

   Response
   ```
   {
     "data":[
       {
         "id":1,
         "number":"800209",
         "code":"TR271",
         "stock":603.73,
         "status":"Available"
       },
       {
         "id":2,
         "number":"800210",
         "code":"TR272",
         "stock":216.11,
         "status":"Available"
       },
       {…}
     ],
     "length":705,
     "responseTime":"498ms"
   }
   ```

2. Get the specific lining fabric

   Example:

   https://3857857.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=LINING&code=TR426**

   Response:

```
{
  "data":[
    {
      "id":30,
      "number":"802714",
      "code":"TR426",
      "stock":98.64,
      "status":"Available"
    }
  ],
  "length":1,
  "responseTime":"177ms"
}
```

Order Operations

ORDER GET REQUEST

PARAMETERS

type = ORDER,

code (String)(Optional) Represents the SO ID/Order Number

name (String)(Optional) Represents the name of the Client

hideReleased (String)(Optional) Yes/No used to filter out paid orders, by default it is No

page (Number)(Optional) Default to 1, value should be greater than 0

limit (Number)(Optional) Default to 1000, should be greater than 0 but less than 1001

user (Required)(Number) user value is given to the tailor

usertoken (Required)(String) usertoken value given to tailor

1. Gets the Order Status List

   Returns the fabric and the cmt status of the tailor's order. The list is sorted by date in descending order

   Example

   https://3857857.app.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=ORDER&user=5&usertoken=12345**

   Response

```
{
  "data":[
    {
      "id":108341,
      "orderNumber":"2829-1",
      "date":"13/09/2017",
      "client":"",
      "item":"Basic CMT – Shirt",
      "fabrictext":"Preparing",
      "fabricStatus":"Preparing",
      "fabricsentdate":"",
      "fabrictracking":"",
      "cmttext":"Left factory-29/9/2017-8341299013",
      "cmtStatus":"Left factory",
      "cmtsentdate":"29/09/2017",
      "cmttracking":"8341299013",
      "dateNeeded":"18/10/2017"
    },
    {
      "id":108341,
      "orderNumber":"2829-2",
      "date":"13/09/2017",
      "client":"",
      "item":"FM944-1",
```

```
      "fabrictext":"Shipped-14/9/2017-SF EXPRESS 885018543881",
      "fabricStatus":"Shipped",
      "fabricsentdate":"14/09/2017",
      "fabrictracking":"SF EXPRESS 885018543881",
      "cmttext":"Left factory-29/9/2017-9670423582",
      "cmtStatus":"Left factory",
      "cmtsentdate":"29/09/2017",
      "cmttracking":"9670423582",
      "dateNeeded":"18/10/2017"
    },
    {…}
  ],
  "start":1000,
  "limit":1000,
  "length":148676,
  "responseTime":"6060ms"
}
```

2. Gets the specific order status
   https://3857857.app.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=OR
   DER&user=5&usertoken=12345&code=23962**

```
{
  "data":[
    {
      "id":812198,
      "orderNumber":"23962-1",
      "date":"11/06/2020",
      "client":"",
      "item":"TSHL027",
      "fabrictext":"N/A",
      "fabricStatus":"N/A",
      "fabricsentdate":"",
      "fabrictracking":"",
      "cmttext":"9-20/06/2020-4763906420",
      "cmtStatus":"Left factory",
      "cmtsentdate":"20/06/2020",
      "cmttracking":"4763906420",
      "dateNeeded":"06/07/2020"
    },
    {
      "id":812198,
      "orderNumber":"23962-1",
      "date":"11/06/2020",
      "client":"",
      "item":"Basic CMT – Shirt",
```

```
        "fabrictext":"Preparing",
        "fabricStatus":"Preparing",
        "fabricsentdate":"",
        "fabrictracking":"",
        "cmttext":"9-20/06/2020-4763906420",
        "cmtStatus":"Left factory",
        "cmtsentdate":"20/06/2020",
        "cmttracking":"4763906420",
        "dateNeeded":"06/07/2020"
    }
  ],
  "start":0,
  "limit":1000,
  "length":2,
  "responseTime":"907ms"
}
```

ORDER POST REQUEST

Creates the Order

    a.   Only add in the design options and fitprofile options that you have, example if product type is 3-Piece-Suit, you should have designOptionsJacket, designOptionsTrouser, designOptionsWaistcoat

    b.   Optionally you can add fitProfileJacket, fitProfileTrouser, fitProfileWaistcoat

PARAMETER

       type = ORDER
       user (Required)(Number) - tailorid given
       usertoken (Required)(String) token given to user

Example Data

```
{
        user:1,
        usertoken:21321,
        type: 'ORDER',
        data:
        {
         'tailor':1,
         'client':'Test Client',
         "createdBy":"Test User"
         'items':
         [{ 'fabric': 'TSHL059',
                'productType': 'Jacket',
                'client': 'Test Client',
```

'designOptionsJacket': [{"name":"jm-ms-j","value":"Handmade"},{"name":"T010201","value":"T01020102"},{...}],
'designOptionsOverCoat': '',
'designOptionsShirt': '',
'designOptionsShortSleevesShirt': '',
'designOptionsTrenchCoat': '',
'designOptionsTrouser': '',
'designOptionsWaistCoat': '',
'designOptionsLadiesJacket': '',
'designOptionsLadiesPants': '',
'designOptionsLadiesSkirt': '',
'designOptionsMessage': '',
'fitProfileJacket': '',
'fitProfileOverCoat': '',
'fitProfileShirt': '',
'fitProfileShortSleevesShirt': '',
'fitProfileTrenchCoat': '',
'fitProfileTrouser': '',
'fitProfileWaistCoat': '',
'fitProfileLadiesJacket': '',
'fitProfileLadiesPants': '',
'fitProfileLadiesSkirt': '',
'fitProfileMessage': '',
'fabricQuantity': '5',
'dateNeeded': '6/9/2020' (Optional MM/DD/YYYY)
}]
}
}

Appendix

CMT Status List

Awaiting Fabric, In Production, Shipped, Pattern Making, On Hold, Processed, Confirmed, Left Factory, Delivered, Cancelled, Production Complete

Fabric Status List

Out of Stock, Preparing, Shipped, Ordered, Cancelled, N/A

Available Product Types and their Code

- Jacket
- Trouser
- Waistcoat
- Overcoat
- Shirt
- 3-Piece-Suit (contains Jacket, Trouser and Waistcoat)
- 2-Piece-Suit (contains Jacket and Trouser)
- Short-Sleeves-Shirt
- Trenchcoat
- Ladies-Jacket
- Ladies-Pants
- Ladies-Skirt
- L-2PC-Skirt (contains Ladies Jacket and Ladies Skirt)
- L-2PC-Pants (contains Ladies Jacket and Ladies Pants)
- L-3PC-Suit (contains Ladies Jacket, Ladies Skirt and Ladies Pants)

Other Operations

Tailor Operations

TAILOR GET REQUEST

PARAMETERS
type (String)(Required) = TAILOR,
user (Required)(Number) - tailorid given
usertoken (Required)(Number) - tailorid given

1. Get the Tailor details

   Example

   https://3857857.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=TAILOR&user=1&usertoken=12345**

Response

```
{
  "data":[
    {
      "id":5,
      "name":"1",
      "email":"orders@oscarhunt.com.au",
      "phone":"039 670 6303"
    }
  ],
  "length":1,
  "responseTime":"50ms"
}
```

Client Operations

CLIENT GET REQUESTS

PARAMETERS
      type = CLIENT,
      name (String)(Optional) Represents the name of the Client Firstname and last name separated by space
      page (Number)(Optional) Default to 1, value should be greater than 0
      limit (Number)(Optional) Default to 1000, should be greater than 0 but less than 1001
      user (Required)(Number) user value is given to the tailor
      usertoken (Required)(String) usertoken value given to tailor

1. Get the list of Clients

Example
https://3857857.app.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=CLIENT&user=5&usertoken=12345**

Response
```
{
  "data":[
    {
      "id":1126,
      "email":"test@test.com",
      "firstName":"TEST",
      "lastName":"TEST",
      "phone":"12341",
      "dateOfBirth":"",
      "company":"",
      "address1":"",
```

```
        "address2":"",
        "city":"",
        "state":"",
        "country":"",
        "zipCode":"",
        "notes":""
      },
      {
        "id":1127,
        "email":"test1@test.com",
        "firstName":"TEST1",
        "lastName":"TEST1",
        "phone":"98875",
        "dateOfBirth":"",
        "company":"",
        "address1":"",
        "address2":"",
        "city":"",
        "state":"",
        "country":"",
        "zipCode":"",
        "notes":""
      }
    ],
    "length":5010,
    "responseTime":"7181ms"
}
```

2. Get the specific Client

   Example

   https://3857857.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=CLIENT&filters.user=1&usertoken=1234&name=test%20Test**

   Response

```
{
  "data":[
    {
      "id":4257,
      "email":"TEST@TEST.com.au",
      "firstName":"TEST",
      "lastName":"TEST",
      "phone":"123213",
      "dateOfBirth":"",
      "company":"",
```

```
      "address1":"",
      "address2":"",
      "city":"",
      "state":"",
      "country":"",
      "zipCode":"",
      "notes":""
   },
   {
      "id":4195,
      "email":"TEST@TEST1.com.au",
      "firstName":"TEST1",
      "lastName":"TEST1",
      "phone":"32132",
      "dateOfBirth":"",
      "company":"",
      "address1":"",
      "address2":"",
      "city":"",
      "state":"",
      "country":"",
      "zipCode":"",
      "notes":""
   }
 ],
 "length":2,
 "responseTime":"136ms"
}
```

CLIENT POST REQUEST

PARAMETERS
        type = CLIENT
        user (Required)(Number) - tailorid given
        usertoken (Required)(String) token given to user

Create the Client

Example Data
```
{
        user:5,
        usertoken:21321,
        type: 'CLIENT',
        data:
        {
                'tailor':5,
```

```
                                'email': 'hamandbacons@jeromeclothiers.com',
                                'firstName': 'Ham',
                                'lastName': 'Bacons',
                                'phone': '1234567890',
                                'dateOfBirth': 'mm/dd/yyyy',
                                'company': 'Jerome Clothiers',
                                'address1': '123 flamingo road',
                                'address2': '',
                                'city': 'Sydney',
                                'state': 'NSW',
                                'country':'Australia',
                                'zipCode': '1234',
                                'notes': 'test'

                }
}
```

CLIENT PUT REQUEST

PARAMETERS
        type = CLIENT
        user (Required)(Number) - tailorid given
        usertoken (Required)(String) token given to user

Example Data
```
{
        user:5,
        usertoken:21321,
        type: 'CLIENT',
        data:
        {
                'tailor':5,
                'id': '16731',
                'email': 'hamandbacons@jeromeclothiers.com',
                'firstName': 'Ham',
                'lastName': 'Bacons',
                'phone': '1234567890',
                'dateOfBirth': 'mm/dd/yyyy',
                'company': 'Jerome Clothiers',
                'address1': '123 flamingo road',
                'address2': '',
                'city': 'Sydney',
                'state': 'NSW',
                'country':'Australia',
                'zipCode': '1234',
```

```
                        'notes': 'test'

                }
        }
```

Fit Profile Operations

FIT PROFILE GET REQUESTS

PARAMETERS
> type = FIT_PROFILE,
> name (String)(Optional) Represents the name of the Fit Profile
> page (Number)(Optional) Default to 1, value should be greater than 0
> limit (Number)(Optional) Default to 1000, should be greater than 0 but less than 1001
> user (Required)(Number) user value is given to the tailor
> usertoken (Required)(String) usertoken value given to tailor

1. Get the list of Fit Profiles

Example

https://3857857.app.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&type=FIT_PROFILE&user=5&usertoken=12345**

Reponse

```
{
  "data":[
    {
      "id":35698,
      "name":" 10.03.2020",
      "client":"13009",
      "productType":"Trouser",
      "blockValue":"54",
      "measurementType":"Block",
      "measurementValues":[
        {
          "name":"fit",
          "value":"Slim"
        },
        {
          "name":"block",
          "value":"54"
        },
        {...}
      ]
    }
  ]
```

}
2. Get the specific Specific Fit Profile

    Example

    https://3857857.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=380&deploy=2**&ty
pe=FIT_PROFILE&user=1&usertoken=1234&code=JACKET 123**

    Response

```
{
  "data":[
    {
      "id":35698,
      "name":" 10.03.2020",
      "client":"13009",
      "productType":"Trouser",
      "blockValue":"54",
      "measurementType":"Block",
      "measurementValues":[
        {
          "name":"fit",
          "value":"Slim"
        },
        {
          "name":"block",
          "value":"54"
        },
        {...}
      ]
    },
    {...}
  ]
}
```

FIT PROFILE POST REQUEST
PARAMETERS
        type = FIT_PROFILE
        user (Required)(Number) - tailorid given
        usertoken (Required)(String) token given to user

Example
```
{
        user:5,
        usertoken:21321,
        type: 'FIT_PROFILE',
        data:
```

```
                {
                        'tailor':5,
                        'name': 'Ham Bacons Test Jacket',
                        'clientid':'16731', //Internalid of the client
                        'productType': 'Jacket',
                        'blockValue': '44',
                        'measurementType': 'Block',
                        'measurementValues': [ // ARRAY JSON OBJECT
                         {
                                "name":"fit",
                                "value":"Slim"
                         },
                         {
                                "name":"block",
                                "value":"44"
                         },
                         {...}
                        ]
                }
}
```

FIT PROFILE PUT REQUEST

PARAMETER
        type = FIT_PROFILE
        user (Required)(Number) - tailorid given
        usertoken (Required)(String) token given to user

Example Data

```
{
user:5,
usertoken:21321,
type: 'FIT_PROFILE',
data:
{
        'id':'44058',
        'tailor':5,
        'name': 'Ham Bacons2 Test Jacket',
        'clientid':'16731', //Internalid of the client
        'productType': 'Jacket',
        'blockValue': '45',
        'measurementType': 'Block',
        'measurementValues': [
         {
                "name":"fit",
                "value":"Slim"
```

```
            },
            {
                        "name":"block",
                        "value":"44"
            },
            {...}
        ]

    }
    }
```