# **Guidebook Invoice API**

# Getting Started

###### All Invoice APIs requires a minimum of two mandatory headers.

1. Authorization - Authentication request header.
2. Content-Type

# Authentication

All Invoice API need to be authenticated using an NLAuth.

# HTTP Methods

Invoice API uses appropriate HTTP verbs for every action.

|  |  |
| --- | --- |
| **Method** | **Description** |
| GET | Used for retrieving an Invoice |
| POST | Used for creating an Invoice |
| PUT | Used for updating Invoice |
| DELETE | Used for deleting an Invoice |

# Response

Responses will be in the JSON format.

# Errors

Invoice API uses HTTP status codes to indicate success or failure of an API call. In general, status codes in the 2xx range means success, 4xx range means there was an error in the provided information, and those in the 5xx range indicates server side errors. Commonly used HTTP status codes are listed below.

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | OK |
| 201 | Created |
| 400 | Bad Request |
| 401 | Unauthorized (invalid NLAuth) |
| 404 | URL Not Found |
| 405 | Method Not Allowed (Method you have called is not supported for the invoked API) |
| 429 | Rate Limit Exceeded (API usage limit exceeded) |
| 500 | Internal Error |

# Invoice Fields

These are the header fields supported in the Guidebook Invoice API:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **UI Label** | **NetSuite ID** | **GET** | **POST** | **PUT** | **Notes** |
| INVOICE # | tranid | Yes | - | - | Auto-generated ID by the system |
| CUSTOMER | entity | Yes | Yes | Yes | Customer Internal ID |
| CUSTOMER NAME | entity\_text | Yes | - | - | Customer Name |
| DATE | trandate | Yes | Yes | Yes | Posting date of this invoice |
| START DATE | startdate | Yes | Yes | Yes | The start date of the Invoice when billed |
| END DATE | enddate | Yes | Yes | Yes | The end date of the Invoice when billed |
| DUE DATE | duedate | Yes | Yes | Yes | Due date of the Invoice. |
| POSTING PERIOD | postingperiod | Yes | - | - | Posting period Internal Id |
| POSTING PERIOD | postingperiod\_text | Yes | - | - | Select the period you want to post this invoice to. |
| PO# | otherrefnum | Yes | Yes | Yes | Purchase Order number |
| MEMO | memo | Yes | Yes | Yes | Memo text or comment about the invoice |
| SALES REP | salesrep | Yes | Yes | Yes | Internal ID of Sales Rep (employee record) |
| SALES REP | salesrep\_text | Yes | - | - | Sales Rep assigned to the Invoice |
| SUBSIDIARY | subsidiary | Yes | Yes | Yes | Internal ID of Subsidiary |
| SUBSIDIARY | subsidiary\_text | Yes | - | - | Subsidiary Name |
| COST CENTER | department | Yes | Yes | Yes | Internal ID of Department |
| COST CENTER | department\_text | Yes | - | - | Department name |
| BUSINESS TYPE | class | Yes | Yes | Yes | Internal ID of Business Type |
| BUSINESS TYPE | class\_text | Yes | - | - | Business Type name |
| LOCATION | location | Yes | Yes | Yes | Internal ID of Location |
| LOCATION | location\_text | Yes | - | - | Location name |
| ACCOUNT | account | Yes | Yes | Yes | Internal ID of Account |
| ACCOUNT | account\_text | Yes | - | - | Account Name |
| SHIPPING/CARRIER | shipcarrier | Yes | - | - | Internal ID of Shipping/Carrier |
| TERMS | terms | Yes | Yes | Yes | Internal ID of Terms |
| CURRENCY | currency | Yes | Yes | Yes | By default, the currency of the customer is used |
| CURRENCY | currency\_text | Yes | - | - | Currency Name |

These are the item line fields used in the Invoice API

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **UI Label** | **NetSuite ID** | **GET** | **POST** | **PUT** |
| ACCOUNT | account | Yes | - | - |
| AMOUNT | amount | Yes | Yes | Yes |
| REV. REC. START DATE | custcol\_gb\_rev\_rec\_start\_date | Yes | Yes | Yes |
| REV. REC. END DATE | custcol\_gb\_rev\_rec\_end\_date | Yes | Yes | Yes |
| ITEM | item | Yes | Yes | Yes |
| QUANTITY | quantity | Yes | Yes | Yes |
| RATE | rate | Yes | Yes | Yes |
| LINE | line | Yes | - | - |

# Example API Usage

# GET

Retrieve an existing invoice

GET &invoiceid={invoiceid}

Request Example

|  |  |
| --- | --- |
| GET | https://rest.na2.netsuite.com/app/site/hosting/restlet.nl?script=224&deploy=1&invoiceid=1544 |
| Authorization | NLAuth nlauth\_account=1327850, nlauth\_email=guidebook@upayasolution.com, nlauth\_signature=xxxxxxx, nlauth\_role=3 |
| Content-Type | application/json |

Response Example

{

"account": "122",

"account\_text": "1210 Accounts Receivable",

"class": "6",

"class\_text": "Allocable",

"currency": "1",

"currency\_text": "USD",

"department": "3",

"department\_text": "COGS - Customer Service",

"entity": "10",

"entity\_text": "1 Test Customer",

"items": [

{

"account": "241",

"amount": "6500.00",

"custcol\_gb\_rev\_rec\_end\_date": null,

"custcol\_gb\_rev\_rec\_start\_date": null,

"item": "115",

"item\_text": "App",

"line": "1",

"quantity": "1",

"rate": "6500.00"

},

{

"account": "240",

"amount": "1000.00",

"custcol\_gb\_rev\_rec\_end\_date": null,

"custcol\_gb\_rev\_rec\_start\_date": null,

"item": "119",

"item\_text": "Consulting",

"line": "3",

"quantity": "2",

"rate": "500.00"

}

],

"location": "1",

"location\_text": "US",

"postingperiod": "13",

"postingperiod\_text": "Sep 2016",

"salesrep\_text": "",

"subsidiary": "1",

"subsidiary\_text": "Guidebook Inc.",

"terms\_text": "",

"trandate": "9/27/2016 12:00:00 am",

"tranid": "11"

}

# POST

Create an invoice

POST https://rest.na2.netsuite.com/app/site/hosting/restlet.nl?script=224&deploy=1

Request Example

|  |  |
| --- | --- |
| POST | https://rest.na2.netsuite.com/app/site/hosting/restlet.nl?script=224&deploy=1 |
| Authorization | NLAuth nlauth\_account=1327850, nlauth\_email=guidebook@upayasolution.com, nlauth\_signature=xxxxxxx, nlauth\_role=3 |
| Content-Type | application/json |

**Payload**

{

"entity":"10",

"class":"6",

"department":"3",

"location":"1",

"items":[

{

"item":"115",

"quantity":"1",

"custcol\_gb\_rev\_rec\_start\_date":"10/01/2016",

"custcol\_gb\_rev\_rec\_start\_date":"10/30/2016"

},

{

"item":"119",

"quantity":"2",

"custcol\_gb\_rev\_rec\_start\_date":"10/01/2016",

"custcol\_gb\_rev\_rec\_start\_date":"10/30/2016"

}

]

}

Response Example

{

"success": {

"code": "CREATE",

"message": "Invoice\_ID : 2349"

}

}

# PUT

Update an invoice (must specify the Invoice Internal ID in the payload)

PUT <https://rest.na2.netsuite.com/app/site/hosting/restlet.nl?script=224&deploy=1>

Request Example

|  |  |
| --- | --- |
| PUT | https://rest.na2.netsuite.com/app/site/hosting/restlet.nl?script=224&deploy=1 |
| Authorization | NLAuth nlauth\_account=1327850, nlauth\_email=guidebook@upayasolution.com, nlauth\_signature=xxxxxxx, nlauth\_role=3 |
| Content-Type | application/json |

**Payload**

{

"invoiceid":"2049",

"entity":"10",

"class":"6",

"department":"3",

"location":"1",

"items":[

{

"item":"118000",

"quantity":"1",

"custcol\_gb\_rev\_rec\_start\_date":"10/01/2016",

"custcol\_gb\_rev\_rec\_end\_date":"10/30/2016"

},

{

"item":"119",

"quantity":"1",

"custcol\_gb\_rev\_rec\_start\_date":"10/01/2016",

"custcol\_gb\_rev\_rec\_end\_date":"10/30/2016"

}

]

}

Response Example

{

"success": {

"code": "EDIT",

"message": "Invoice\_ID : 2049"

}

}

NOTE: The Invoice internal ID is being passed in the Payload.

# DEL

Delete an existing invoice.

DEL &invoiceid={invoiceid}

Request Example

|  |  |
| --- | --- |
| DEL | https://rest.na2.netsuite.com/app/site/hosting/restlet.nl?script=224&deploy=1&invoiceid=1544 |
| Authorization | NLAuth nlauth\_account=1327850, nlauth\_email=guidebook@upayasolution.com, nlauth\_signature=xxxxxxx, nlauth\_role=3 |
| Content-Type | application/json |

Response Example

None.

NOTE: You can only delete an Invoice in an “Open” status.