Contents

Welcome to the API(v1.0) for Dynamics 365 Business Central

2 minutes to read

With Dynamics 365 you can create Connect apps. Connect apps establishes a point-to-point connection between Dynamics 365 Business Central and a 3rd party solution or service and is typically created using standard REST API to interchange data. Any coding language capable of calling REST APIs can be used to develop your Connect app. For more information to get started on Connect apps, see Developing Connect Apps for Dynamics 365 Business Central.

Before you start using the Business Central APIs, please familiarize yourself with the Microsoft APIs Terms of Use.

> **TIP**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

See Also

Microsoft APIs Terms of Use Enabling the APIs for Microsoft Dynamics NAV
Development in AL
Developing Connect Apps for Dynamics 365 Business Central
OpenAPI Specification

Moving from Beta to v1.0

2 minutes to read

With the April'19 release of Dynamics 365 Business Central, the Standard APIs were released in version 1.0.

API version numbers are mananged in the URI
`https://api.businesscentral.dynamics.com/v2.0/{environment name}/api/{API VERSION}/` . For example, for v1.0 of the
API the URI is `https://api.businesscentral.dynamics.com/v2.0/production/api/v1.0/` .

> **IMPORTANT**
>
> The beta API will remain live until April 2020. It's recommended to move to v1.0 as soon as possible. When moving from
> **beta** to **v1.0**, pay attention to changes related to URIs of the document APIs, and to the customer APIs where balance,
> overdueAmount, and totalSalesExcludingTax have moved to the customerFinancialDetails API. Other changes are additive.

Comparing Dynamics 365 Business Central **beta** API, to Dynamics 365 Business Central **v1.0** APIs have the
following changes.

ENTITY	CHANGES
customer	Properties balance, overdueAmount, totalSalesExcludingTax have moved to a new entity customerFinancialDetails, which has a relation to the customer entity.
customerFinancialDetails	Entity added.
companyInformation	bussinessProfileId has been removed.
salesInvoice, salesOrder, salesQuote	Biling, shipping and selling postal addresses are added.
purchaseInvoice	buyFrom, payTo and shipTp adesses added.
salesInvoiceLine, salesOrderLine, salesQuoteLine, salesCreditMemoLine, purchaseInvoiceLine	Key changed from multipart key, to a single key. Type has changed from Guid to String.
salesCreditMemo	Billing and selling addresses added, and properties phoneNumber and email.
journalLine	Added attachment, so attachments can be added to journalLine".
timeRegistrationEntry	New entity. Makes it possible to add employee time registrations.
salesQuote	Properties phoneNumber and email have been added.

For a full comparison of API versions, compare the metadata of the APIs. Using OAuth, tenant ID is not needed in
the URI when querying:

```
GET https://api.businesscentral.dynamics.com/v1.0/api/beta/$metadata
GET https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata
```

Using Basic Auth:

```
GET https://api.businesscentral.dynamics.com/v1.0/{tenant Id}/api/v1.0/$metadata
```

See Also

Welcome to the API(v1.0) for Dynamics 365 Business Central
Endpoints for the APIs

Enabling the APIs for Dynamics 365 Business Central

2 minutes to read

Dynamics 365 Business Central exposes an API that makes it possible to integrate with other services. To enable integration with these APIs, you must go through a few steps to enable the access for Dynamics 365 Business Central.

> **IMPORTANT**
>
> REST programming is not natively supported in C/SIDE. In order to run the APIs you must add the REST dependent types manually. Existing W1 objects can compile and load, but some .NET types cannot be loaded into the C/SIDE Development environment variable editor due to missing server dependencies.

Enable access to the APIs

1. Open Dynamics 365 Business Central Administration tool.
2. Expand the **OData Services** tab, and select the **Enable OData Services** checkbox first, then select the **Enable API Services** checkbox.
3. Check that the values for the **OData Base URL** and **Port** are entered correctly.
   When exposing a web service, you must open the port for other consumers of your web service to access it. You can have your system administrator add the port through Windows Firewall on the computer running Dynamics 365 Business Central server. The default port for OData web services is 7048.
4. In Dynamics 365 Business Central, search for **API Setup** and then choose the related link.
5. On the **API Setup** page, choose the **Integrate APIs** button.
   This will start a process of populating all the integration tables with records for all APIs. The process can take several minutes.

Depending on where you want to access the APIs from, you must specify the correct endpoint. For more information, see Endpoints for APIs.

See Also

Developing Connect Apps for Dynamics 365 Business Central
Configuring Microsoft Dynamics NAV Server 2018
Microsoft Dynamics NAV Web Services Overview
OpenAPI Specification

Endpoints for the APIs for Dynamics 365 Business Central On-Premises and Online

2 minutes to read

Dynamics 365 Business Central on-premises and online expose an API that makes it possible to integrate with other services. To enable integration with these APIs, you must go through a few steps to enable the access first. For more information about these steps, see Enabling APIs for Dynamics 365 Business Central.

Accessing the endpoints

Once you have the API access enabled, you can write code that integrates your web service or SaaS solution with Dynamics 365 Business Central. Creating your integration through an API provides simple access to the supported functionality in a single endpoint, giving you a simplified experience for creating a single app with integrations across multiple Microsoft products.

	DYNAMICS 365 BUSINESS CENTRAL			DYNAMICS 365 BUSINESS CENTRAL ON-PREM
Means of connection	**Microsoft Graph**	**Common endpoint service**	**Direct tenant**	**Direct installation**
Usage	Production	Production	Rapid development and testing only	Production

Endpoint	`https://graph.microsoft.com/beta/financials/`	*With multiple environments (v2.0):*
		`https://api.businesscentral.c`
		`v2.0/<environment name>/api/v1.0`
		Environment can be a named sandbox or production environment.
		
		Without environment (v1.0):
		`https://api.businesscentral.dynamics.com/`
		`v1.0/api/v1.0`
		
		Sandbox:
		`https://api.businesscentral.d`
		`v1.0/sandbox/api/v1.0`
			With multiple environments (v2.0):
			`https://api.businesscentral.c`
			`v2.0/<user domain name>/<environment name>/api/v1.0`
			Environment can be a named sandbox or production environment.
			
			Without multiple environments (v1.0):
			`https://api.businesscentral.dynamics.com/`
			`v1.0/<user domain name>/api/v1.0`
			Example:
			`https://api.businesscentral.dynamics.com/`
			`v1.0/cronus.com/api/v1.0`
			
			Sandbox:
			`https://api.businesscentral.dynamics.com/`
			`v1.0/cronus.com/sandbox/api/v1.0`
				OData base URL in installation:
				`https://<base URL>:<port>/<serverInstance>,version/`
				Example:
				`https://nav.contoso.com:7048/bc/api/v1.0`
				Must be exposed through a firewall.
				
				Extension APIs:
				`https://<base URL>:<port>/<serverinstance>,publisher/<API group>/version>`

	DYNAMICS 365 BUSINESS CENTRAL			DYNAMICS 365 BUSINESS CENTRAL ON-PREM
Availability	Always enabled	Always enabled	Always enabled	Disabled by default. Must be enabled by the administrator.
Authentication	Azure Active Directory (AAD)	Azure Active Directory (AAD)	Basic authentication. Username and web service access key as password.	Basic authentication. Username and web service access key as password. Your solution must be configured to use **NavUserPassword** or **AccessControlService** authentication in order to configure Dynamics NAV user accounts to include an access key.
API/Data access	Based on user's permissions	Based on user's permissions	Based on user's permissions	Based on user's permissions
API update cycle	Monthly	Monthly	Monthly	Hotfixes installed by partner
Development instance	Sign up for a tenant	Sign up for a tenant	Sign up for a tenant	Get Docker instance

See Also

Developing Connect Apps for Dynamics 365 Business Central
Configuring Microsoft Dynamics NAV Server 2018
Microsoft Dynamics NAV Web Services Overview
OpenAPI Specification

Working with Webhooks in Dynamics 365 Business Central

3 minutes to read

Webhooks is the way to get notified if an entity changes in Dynamics 365 Business Central. For general information about webhooks, see Push notifications via webhooks in Microsoft REST API Guidelines.

In the following replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

Register a webhook subscription

Using webhooks requires the client/subscriber to perform a handshake with Dynamics 365 Business Central to register the webhook subscription.

```
POST https://{businesscentralPrefix}/api/v1.0/subscriptions
Content-type: application/json
{
  "notificationUrl": "https://{notificationUrl}",
  "resource": "/api/v1.0/companies(f64eba74-dacd-4854-a584-1834f68cfc3a)/customers",
  "clientState": "optionalValueOf2048"
}
```

Once the `POST` is issued against the **subscription** API to create the subscription, Dynamics 365 Business Central will issue a request to the `notificationUrl`, passing a `validationToken` parameter on the query string. Subscriber needs to perform the handshake by returning `validationToken` in the response body and provide status code `200`.

If Dynamics 365 Business Central receives the response containing the `validationToken`, the subscription is registered and webhook notifications will be sent to the `notificationUrl`.

> **IMPORTANT**
>
> Handshake is mandatory when creating a subscription and renewing a subscription. In both cases the client has to return the `validationToken` in the body with response code `200 OK`.

Client state

Optionally clientState can be provided in the `POST` and `PATCH` requests bodies. clientState is included in the body of a webhook notification and can be used as an opaque token; a shared secret, enabling the subscriber to verify notifications.

Renewing the subscription

Subscriptions will expire after 3 days, if not renewed before. Subscriptions are renewed by issuing a PATCH request to the subscription.

```
PATCH https://{businesscentralPrefix}/api/v1.0/subscriptions({id})
```

`PATCH` requests a handshake, just like `POST` requests, meaning that a subscription cannot be renewed unless the client returns the `validationToken` in the body.

Subscription expiration time is listed in `expirationDateTime` property of the subscription.

Notifications and change types

Valid subscriptions push the notifications on every entity update.

Each notification sent to the subscriber (notificationUrl) can contain multiple notifications from different subscriptions. Here is a sample notification payload:

```
{
  "value": [
    {
      "subscriptionId": "webhookItemsId",
      "clientState": "someClientState",
      "expirationDateTime": "2018-10-29T07:52:31Z",
      "resource": "api/v1.0/companies(b18aed47-c385-49d2-b954-dbdf8ad71780)/items(26814998-936a-401c-81c1-
0e848a64971d)",
      "changeType": "updated",
      "lastModifiedDateTime": "2018-10-26T12:54:20.467Z"
    },
    {
      "subscriptionId": "webhookCustomersId",
      "clientState": "someClientState",
      "expirationDateTime": "2018-10-29T12:50:30Z",
      "resource": "api/v1.0/companies(b18aed47-c385-49d2-b954-dbdf8ad71780)/customers(130bbd17-dbb9-4790-9b12-
2b0e9c9d22c3)",
      "changeType": "created",
      "lastModifiedDateTime": "2018-10-26T12:54:26.057Z"
    },
    {
      "subscriptionId": "webhookCustomersId",
      "clientState": "someClientState",
      "expirationDateTime": "2018-10-29T12:50:30Z",
      "resource": "api/v1.0/companies(b18aed47-c385-49d2-b954-dbdf8ad71780)/customers(4b4f31f0-dc1c-4033-b2aa-
ab03ca1d6ebc)",
      "changeType": "deleted",
      "lastModifiedDateTime": "2018-10-26T12:54:30.503Z"
    },    {
      "subscriptionId": "salesInvoice",
      "clientState": "someClientState",
      "expirationDateTime": "2018-10-20T10:55:01Z",
      "resource": "/api/v1.0/companies(7dbba574-5f69-4167-a43e-fb975045de15)/salesInvoices?
$filter=lastDateTimeModified%20gt%202018-10-15T11:00:00Z",
      "changeType": "collection",
       "lastModifiedDateTime": "2018-10-26T12:54:30.503Z"
    }

  ]
}
```

Created, *updated*, and *deleted* identifies the state change for the entity. By *collection* Dynamics 365 Business Central sends a notification that many records have been created or changed. A filter is applied to the resource, enabling the subscriber to request all entities satisfying the filter.

Notifications are not sent immediately when the record changes. By delaying notifications, Dynamics 365 Business Central can ensure that only one notification is sent, even though the entity might have changed several times within a few seconds.

Unsubscribing

To remove a subscription, execute a delete request.

Supported entities

To get a list of webhook supported entitites, the following request can be issued. The $filter parameter ensures that only v1.0 APIs are returned. Filter can be removed or changed.

```
GET
https://{businesscentralPrefix}/api/microsoft/runtime/beta/companies({{companyId}})/webhookSupportedResources?
$filter=resource eq 'v1.0*'
Content-type: application/json
{
  "value": [
  {
      "resource": "v1.0/accounts"
  },
  {
      "resource": "v1.0/companyInformation"
  }......
  ]
}
```

accounts	companyInformation	countriesRegions
currencies	customerPaymentJournals	customers
dimensions	employees	generalLedgerEntries
itemCategories	items	journals
paymentMethods	paymentTerms	purchaseInvoices
salesCreditMemos	salesInvoices	salesOrders
salesQuotes	shipmentMethods	unitsOfMeasure
vendors		

For Document APIs, a notification will be sent for the header if a change is made a to a line. E.g. a notfication to a subscription for **salesInvoice** will be sent, if a change is made to a related **salesInvoiceLine**.

Custom APIs are also webhook-enabled and will be listed in **webhookSupportedResources** if Dynamics 365 Business Central is able to send notifications for the entity.

Notes for on-premise

By default, a subscription lives for 3 days if it is not renewed. The value is specified in the CustomSettings.config file under the ApiSubscriptionExpiration entry. There is a maximum number of subscriptions specified in the ApiSubscriptionMaxNumberOfSubscriptions in the CustomSettings.config file.

See also

Subscription Resource Type
Get subscriptions
Create subscriptions
Update subscriptions
Delete subscriptions
Microsoft REST API Guidelines - Push notifications via webhooks

API Limits in Dynamics 365 Business Central

2 minutes to read

Large scale cloud services use shared resources to achieve the best possible utilization of resources – like IO, CPU, and memory. To ensure that all tenants are running smoothly, on shared resources, rate limits are applied. Without limits, one tenant might be using most resources, while other tenants running on the same resources might experience slower performance – one tenant can become a 'noisy neighbor'.

Dynamics 365 Business Central has a rich and flexible Web service platform, made to support a wide range of integration scenarios. Some require fast access to few data and others require lots of data for reporting purposes.

Working with API limits

Rate limits are introduced to ensure that no single client consumes too many resources and becomes the noisy neighbor. If calling clients receives an HTTP Status Code `429 - Too Many Requests` from Dynamics 365 Business Central, the API request limits are exceeded. In these cases, the client will need to handle this.

> **IMPORTANT**
>
> An HTTP Status Code 429 will be returned when throttling occurs. Request limits have been exceeded.

Handling Status Code 429 requires the client to adopt a retry logic while providing a cool off period. Different strategies such as regular interval retry, incremental intervals retry, exponential back-off, or even randomization can be applied.

Request execution time is limited to 10 minutes. If response cannot be provided within 10 minutes, the service will abort the request and return `504 - Gateway Timeout`.

Handling `504 - Gateway Timeout` requires the client to refactor long running request to execute within time limit, but splitting the request into multiple requests - and then dealing with potential 429, by applying a backoff strategy.

There are several areas to consider, which can reduce the amount of calls from a client or integration and some also increase the throughput and reduce execution time:

1. Use webhooks to receive changes when they occur. When an entity is added, modified, or deleted, a notification is sent/pushed to subscribing clients.

2. Polling interval might be reducible. Webhooks should be considered, thereby moving from a pull to a push model. If polling is the preferred method, ensure to apply other principles listed here.

3. Batching can be used, to perform many operations in one call. Instead of issuing multiple requests, one request can be issued. Please be aware of the batch size. If the batch is too large, a timeout will occur.

4. Use Filter to reduce the number of entities returned by applying filtering. If the returned dataset contains multiple pages, then pages must be fetched using the continuation tokens.

   ```
   GET /companies({{companyId}})/customers?$filter=lastModifiedDateTime gt 2019-08-18T20:05:51.603Z
   ```

5. Use Expand to fetch related entities in one request. Metadata contains navigational properties from one entity to other entities, where expand can be used. Multi-level expand is possible and can be combined with Filter.

```
GET /companies({{companyId}})/salesOrders?$filter=orderDate ge 2019-05-
01&$expand=paymentTerm,salesOrderLines($expand=account,item($expand=itemCategory))
```

6. Use deep inserts when possible. Body of the `POST` request can contain nested entities. Metadata will contain a Navigational property from one entity to another, where deep insert is possible.

```
POST /companies({{companyId}})/salesQuotes
{
    "customerId": "{{customerId}}",
    "salesQuoteLines" :  [
    {"itemId": "{{itemId}}", "quantity": 10} ]
}
```

Deep insert can also be performed in Batch calls.

Current limits

Limits are subject to change, following the Microsoft API Terms of Use.

API Rate limits

HTTP response code `429 - Too Many Requests` is returned if limits are exceeded.

	ODATA	SOAP
Sandbox	300 req/min	300 req/min
Production	600 req/min	600 req/min

Request time out

HTTP repsonse code `504 - Gateway Timeout` is returned when a request exceeds 10 minutes execution time.

See Also

Best practices on transient errors
Using OData Batch request
Microsoft API Terms of Use

OpenAPI Specification for Dynamics 365 Business Central

2 minutes to read

Standard APIs for Business Central are available as an OpenAPI Specification (OAS). OAS defines a standard interface to RESTful APIs, providing a uniform access to APIs and documentation.

Download Business Central OpenAPI specification

API VERSION	YAML
1.0	Download

The OAS is set up to use OAuth2 and accessing the default sandbox environment. Details can be changed in the contact to connect to specific environments (servers URL). YAML can be converted to JSON if needed.

Previewing the OpenAPI contract

There are extensions for Visual Studio Code that enable previewing and editing. SwaggerHub enables previewing and editing online.

To run SwaggerUI locally, node.js can be used to serve the SwaggerUI, by following the steps below:

1. Download OAS for Business Central as shown above.

2. Install Node.js.

3. Copy the javascript code shown below and save it to a file with the filename `BC_OAS.js`.

```
const express = require('express');
const app = express();
const port = 3000;
const swaggerUi = require('swagger-ui-express');
const YAML = require('yamljs');
const swaggerDocument = YAML.load('./BCOAS1.0.yaml');

//const swaggerDocument = require('./BCOAS1.0.json');

var options = { };
app.use('/', swaggerUi.serve, swaggerUi.setup(swaggerDocument, options));
app.listen(port, () => console.log(`Swagger UI for Business Central listening on port ${port}!`))
```

4. Install the required node packages by running *npm* from the command line:

```
npm install express swagger-ui-express yamljs
```

5. Run the node app created. From the command line run the following:

```
node BC_OAS.js
```

6. Browse to `https://localhost:3000`.

7. To use **Try it out** authorization in SwaggerUI, an Azure Active Directory app must be created. Follow these steps to create an AAD app, with access to Business Central. Copy and paste the client ID from the AAD app into the authorization dialog of SwaggerUI.

> **NOTE**
>
> For OAuth2 testing purposes, a multi-tenant AAD app has been created. Admin consent is needed. Client ID : 060af3ac-70c3-4c14-92bb-8a88230f3f38.

See Also

Developing Connect Apps for Dynamics 365 Business Central

Error Codes

3 minutes to read

The following table lists the error codes for the various exceptions in the web service response for ODataV4.

Error code categorization

The error codes in the table below can be divided into the following categories and described as follows:

CATEGORY	DESCRIPTION	RESOLUTION
BadRequest_*	Will typically be an error in the forming of the request or an error accessing the service.	Resolve the bug in the forming of the request.
Authentication_*	An error authenticating to the service.	Attempt to use different credentials.
Authorization_*	The authenticated identity does not have the correct permissions.	Attempt operation using different credentials.
Internal_*	Typically this is an internal error in the application on the server or data integrity issue. For example, the Dynamics NAV instance cannot communicate with the SQL Server.	Attempt the operation again. Resolve data issues.
Application_*	Typically an application logic error.	Request is made again with updated data.

Error codes

EXCEPTION TYPE	ERROR MESSAGE	ERROR CODE
ODataArgumentException	An incompatible property definition already exists for `'Allowed_Companies_0.Name'`	BadRequest_InvalidRequestUrl
ODataNotFoundException	Bad Request - Error in query syntax	BadRequest_NotFound
ODataNotFoundException	Expression expected at position 153 in '(AAMkAGY2ZTQwODIwLTNkOWYtN DY3NC04N2JkLTE3MDEyNzlkM2Vk OQBGAAAAAAD FMnbflwH_RqlNoMYdjhvBBwCepO6 AHq7GRJ13ldPngx5BAAAAAAEcAA CepO6AHq7GRJ13ldPngx5BAAAGZy TmAAA=)'	BadRequest_NotFound

EXCEPTION TYPE	ERROR MESSAGE	ERROR CODE
ODataNotFoundException	'|' or ',' expected at position 3 in (GUID)	BadRequest_NotFound
ODataResourceNotFoundException	Resource not found for the segment `'OfficeAppResourceRegistrations'` multiple segment errors (Company, v1.0, nativeInvoicingSalesInvoices,metadata, nativeInvoicingItems, companies,company etc.)	BadRequest_ResourceNotFound
ODataInvalidOperationException	Control `'Last Date Modified'` is read-only	BadRequest_InvalidOperation
ODataBadRequestException	Invalid Request Body	BadRequest
ODataBadRequestException	Unable to convert value to Date	BadRequest
ODataBadRequestInvalidTokenException	Could not validate the client concurrency token required by the service. Please provide a valid token in the client request.	BadRequest_InvalidToken
ODataBadRequestNullFieldException	Field `'taxable'` must not be blank or empty.	BadRequest_RequiredParamNotProvided
ODataConflictException	Another user has already changed the record.	Request_EntityChanged
ODataMethodNotAllowedException	`'POST'` requests for `'companies'` of EdmType `'Entity'` are not allowed within Microsoft Dynamics NAV OData web services.	BadRequest_MethodNotAllowed
ODataNotImplementedException	Entity does not support bound actions	BadRequest_MethodNotImplemented
NavCSideDataException	There is no Cust. Ledger Entry within the filter.	Internal_DataNotFoundFilter
NavCSideRecordNotFoundException	The Acc. Sched. KPI Web srv. Setup does not exist. Identification fields and values: Primary Key=''	Internal_RecordNotFound
NavCSideValidateTableRelationException	The field Account No. of table Gen. Journal Line contains a value (ABL001) that cannot be found in the related table (Vendor).	Internal_InvalidTableRelation
NavCSideException	Cannot establish a connection to the SQL Server/Database.	Internal_ServerError

EXCEPTION TYPE	ERROR MESSAGE	ERROR CODE
NavCSideDuplicateKeyException	The Attachment Entity Buffer already exists. Identification fields and values: Document Id= '{DAC3AB2F-5FEA-4AD2-A663-EF832F270A7B}',Id=' {00000000-0000-0000-0000-000000000000}'	Internal_EntityWithSameKeyExists
NavCompanyNotFoundException	Cannot process the request because the default company cannot be found. You can specify a default company in the service configuration file, or specify one for each tenant, or you can add a query string in the form of "company=[name]". You can see the available companies by accessing the default OData web service, Company. For more information, see "OData Web Services" in Help	Internal_CompanyNotFound
NavTenantNotAccessibleException	The tenant 'msca1a7355t05263373' is not accessible	Internal_TenantUnavailable
NavNCLDialogException	You cannot delete Item 1000 because there is at least one outstanding Sales Quote that includes this item.	Application_DialogException
NavNCLDialogException	A customerNumber or a customerID must be provided.	Application_DialogException
NavNCLDialogException	You may not enter numbers manually. If you want to enter numbers manually, please activate Manual Nos. in No. Series FA.	Application_DialogException
NavNCLDialogException	You are not allowed to apply and post an entry to an entry with an earlier posting date.	Application_DialogException
NavNCLDialogException	The "amount" should be a negative number.	Application_DialogException
NavNCLEvaluateException	The value "Depreciation" cannot be evaluated into type Option.	Application_EvaluateException
NavNCLStringLengthExceededException	The length of the string is 57, but it must be less than or equal to 50 characters. Value: JACKSBORO PUMP & SPECIALTY BRIDGEPORT PUMP & SUPPLY, INC.	Application_StringExceededLength

EXCEPTION TYPE	ERROR MESSAGE	ERROR CODE
NavNCLInvalidGuidFormatException	Invalid format of GUID string. The correct format of the GUID string is: CDEF7890-ABCD-0123-1234-567890ABCDEF where 0-9, A-F symbolizes hexadecimal digits.	Application_InvalidGUID
NavNCLCallbackNotAllowedException	Microsoft Sync 365 for fin Data services attempted to issue a client callback to show a confirmation dialog box. We found an item with the description	Application_CallbackNotAllowed
NavFilterException	The filter `"='SELLACRE24_W%2FOORINGS'"` is not valid for the No. field on the Item table. The length of the string is 22, but it must be less than or equal to 20 characters. Value: `SELLACRE24_W%2FOORINGS`	Application_FilterErrorException
NavTestFieldException	Balance must be equal to '0' in G/L Account: No.=10100. Current value is '1,638.4'. Customer Posting Group must have a value in Customer: No.=C00690. It cannot be zero or empty.	Application_FieldValidationException
NavTestFieldException	Customer Posting Group must have a value in Customer: No.=C00690. It cannot be zero or empty.	Application_FieldValidationException
NavInvalidCredentialException	The server has rejected the client credentials	Authenciation_InvalidCredentials
Any	Any	Unknown

See also

[Dynamics 365 Business Central in Graph](#)

accounts resource type

2 minutes to read

Represents an account object in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET accounts	accounts	Get accounts object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the account.
number	string, maximum size 20	Specifies the number of the G/L account.
displayName	string, maximum size 50	Specifies the name of the G/L account.
category	string, maximum size 20	Specifies the category of the G/L account.
subCategory	string, maximum size 80	Specifies the subcategory of the account category of the G/L account.
blocked	boolean	Specifies that entries cannot be posted to the G/L account. **True** indicates account is blocked and posting is not allowed.
lastModifiedDateTime	datetime	The last datetime the account was modified.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
  "id": "GUID",
  "number": "string",
  "displayName": "string",
  "category": "string",
  "subCategory": "string",
  "blocked": "boolean",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Account
Aged Accounts Payable
Aged Accounts Receivable

Get accounts

2 minutes to read

Retrieve the properties and relationships of an account object for Dynamics 365 Business Central.

> **NOTE**
>
> Only accounts with the account type set to **Posting** and the **Direct Posting** flag set to **true** are returned.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/accounts({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **accounts** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/accounts({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "id": "id-value",
    "number": "10700",
    "displayName": "Inventory",
    "category": "Assets",
    "subCategory": "Inventory",
    "blocked": false,
    "lastModifiedDateTime": "2017-03-15T02:20:58.747Z"
}
```

See also

Tips for working with the APIs
Account
Get Aged Accounts Payable
Get Aged Accounts Receivable

agedAccountsPayable resource type

2 minutes to read

Represents an agedAccountsPayable object in Dynamics 365 Business Central, which is showing the aging of a vendor account.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET agedAccountsPayable	agedAccountsPayable	Get agedAccountsPayable object

Properties

PROPERTY	TYPE	DESCRIPTION
vendorId	GUID	The unique ID of vendor.
vendorNumber	string	Specifies vendor's number.
name	string	Specifies vendor's name.
currencyCode	string	Specifies the currency.
before	numeric	Specifies balance before first aging period.
period1	numeric	Specifies balance in the first aging period.
period2	numeric	Specifies balance in the second aging period.
period3	numeric	Specifies balance in the third aging period.
after	numeric	Specifies balance after third aging period.
balance	numeric	Specifies vendor's total balance.
periodStartDateFilter	date	Specifies period start date used to calculate aging periods.

PROPERTY	TYPE	DESCRIPTION
periodLengthFilter	string	Specifies the length of the periods.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "vendorId": "GUID",
    "vendorNumber": "string",
    "name": "string",
    "currencyCode": "string",
    "before": "decimal",
    "period1": "decimal",
    "period2": "decimal",
    "period3": "decimal",
    "after": "decimal",
    "balance": "decimal",
    "periodStartDateFilter": "date",
    "periodLengthFilter": "string"
}
```

See also

Get Aged Accounts Payable
Aged Accounts Receivable
Account

Get agedAccountsPayable

2 minutes to read

Retrieve the properties and relationships of an aged accounts payable report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/agedAccountsPayable
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **agedAccountsPayable** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/agedAccountsPayable
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "vendorId": "id-value",
  "vendorNumber": "50000",
  "name": "Nod Publishers",
  "currencyCode": "USD",
  "balanceDue": 17273.87,
  "currentAmount": 0,
  "period1Amount": 0,
  "period2Amount": 0,
  "period3Amount": 17273.87,
  "agedAsOfDate": "2019-01-01",
  "periodLengthFilter": "3M"
}
```

See also

Tips for working with the APIs
Aged Accounts Payable
Get Aged Accounts Receivable
Account

agedAccountsReceivable resource type

2 minutes to read

Represents an agedAccountsReceivable object in Dynamics 365 Business Central, which is showing the aging of a customer account.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV, see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET agedAccountsReceivable	agedAccountsReceivable	Get agedAccountsReceivable object

Properties

PROPERTY	TYPE	DESCRIPTION
customerId	GUID	The unique ID of customer.
customerNumber	string	Specifies customer's number.
name	string	Specifies customer's name.
currencyCode	string	Specifies the currency.
before	numeric	Specifies balance before first aging period.
period1	numeric	Specifies balance in the first aging period.
period2	numeric	Specifies balance in the second aging period.
period3	numeric	Specifies balance in the third aging period.
after	numeric	Specifies balance after third aging period.
balance	numeric	Specifies customer's total balance.
periodStartDateFilter	date	Specifies period start date used to calculate aging periods.

PROPERTY	TYPE	DESCRIPTION
periodLengthFilter	string	Specifies the length of the periods.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "customerId": "GUID",
    "customerNumber": "string",
    "name": "string",
    "currencyCode": "string",
    "before": "decimal",
    "period1": "decimal",
    "period2": "decimal",
    "period3": "decimal",
    "after": "decimal",
    "balance": "decimal",
    "periodStartDateFilter": "date",
    "periodLengthFilter": "string"
}
```

See also

Get Aged Accounts Receivable
Aged Accounts Payable
Account

Get agedAccountsReceivable

2 minutes to read

Retrieve the properties and relationships of an aged accounts receivable report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/agedAccountsReceivable
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **agedAccountsReceivable** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/agedAccountsReceivable
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "customerId": "id-value",
  "customerNumber": "30000",
  "name": "Relecloud",
  "currencyCode": "USD",
  "balanceDue": 349615.45,
  "currentAmount": 0,
  "period1Amount": 349615.45,
  "period2Amount": 0,
  "period3Amount": 0,
  "agedAsOfDate": "2017-04-25",
  "periodLengthFilter": "3M"
}
```

See also

Tips for working with the APIs
Aged Accounts Receivable
Get Aged Accounts Payable
Account

attachment resource type

2 minutes to read

Represents an attachment object in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET attachments	accounts	Get attachment object.
POST attachments	accounts	Create attachment object.
PATCH attachments	accounts	Upload attachment object.
DELETE attachments	accounts	Delete attachment object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	Id of the attachment.
parentId	GUID	Id of the entity for which the attachment will be associated.
fileName	string	Logical filename.
byteSize	integer, read-only	File size.
lastModifiedDateTime	datetime	The last datetime the entity was modified.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "parentId": "GUID",
    "id": "GUID",
    "fileName": "string",
    "byteSize": "integer",
    "content@odata.mediaEditLink": "URL",
    "content@odata.mediaReadLink": "URL",
    "lastModifiedDateTime": "datetime"
}
```

See also

Get Attachments
Create Attachment
Upload Attachment
Delete Attachment

Get attachments

Retrieve the properties and relationships of an attachments object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/attachments$filter=parentId eq {journalLineId}
```

> **NOTE**
>
> Please note the $filter applied to attachment API. The filter is applied to get attachments for a specific entity.

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **attachments** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/attachments$filter=parentId eq {journalLineId}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
    "parentId": "8bdf7f18-ac81-4cf6-a018-7dd2313d827f",
    "id": "7786c70a-31ee-43a3-9746-2d720496469e",
    "fileName": "someFileName.pdf",
    "byteSize": 597568,
    "content@odata.mediaEditLink": "https://{businesscentralPrefix}/bc66bcbc-5b7f-4043-b352-
f4ab70c81d11/api/v1.0/companies(d888c94e-0bf9-42e5-96eb-060739125558)/attachments(parentId=8bdf7f18-ac81-4cf6-
a018-7dd2313d827f,id=7786c70a-31ee-43a3-9746-2d720496469e)/content",
    "content@odata.mediaReadLink": "https://{businesscentralPrefix}/bc66bcbc-5b7f-4043-b352-
f4ab70c81d11/api/v1.0/companies(d888c94e-0bf9-42e5-96eb-060739125558)/attachments(parentId=8bdf7f18-ac81-4cf6-
a018-7dd2313d827f,id=7786c70a-31ee-43a3-9746-2d720496469e)/content",
    "lastModifiedDateTime": "2019-03-25T13:15:41Z"
}
```

See also

Tips for working with the APIs
Attachment
Get Attachments
Create Attachment
Upload Attachment
Delete Attachment

Create attachments

2 minutes to read

Creates a attachment in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/attachments
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **attachment** object.

Response

If successful, this method returns `201 Created` response code and a **attachment** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/attachments
Content-type: application/json
```json
{
 "parentId" : "{journalLineId}",
 "fileName": "myPDF.pdf"
}
```

ParentId is the Id of the entity, for which an attachment is being created.

Response

```
HTTP/1.1 201 Created
Content-type: application/json

{
    "parentId": "8bdf7f18-ac81-4cf6-a018-7dd2313d827f",
    "id": "7786c70a-31ee-43a3-9746-2d720496469e",
    "fileName": "myPDF.pdf",
    "content@odata.mediaEditLink": "https://api.businesscentral.dynamics-tie.com/v1.0/bc66bcbc-5b7f-4043-b352-
f4ab70c81d11/api/v1.0/companies(d888c94e-0bf9-42e5-96eb-060739125558)/attachments(parentId=8bdf7f18-ac81-4cf6-
a018-7dd2313d827f,id=7786c70a-31ee-43a3-9746-2d720496469e)/content",
    "content@odata.mediaReadLink": "https://api.businesscentral.dynamics-tie.com/v1.0/bc66bcbc-5b7f-4043-b352-
f4ab70c81d11/api/v1.0/companies(d888c94e-0bf9-42e5-96eb-060739125558)/attachments(parentId=8bdf7f18-ac81-4cf6-
a018-7dd2313d827f,id=7786c70a-31ee-43a3-9746-2d720496469e)/content",
    "lastModifiedDateTime": "2019-03-25T13:15:41Z"
}
```

See also

Update attachments

2 minutes to read

Update the attachment in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({companyId})/attachments(parentId={parentId},id={attachmentId})/content
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	*application/json*

Example

Request Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({companyId})/attachments(parentId={parentId},id=
{attachmentId})/content
```

Request body Request body contains the attachment.

Response If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

See also

Tips for working with the APIs
Attachment
Get Attachments
Create Attachment
Upload Attachment
Delete Attachment

Delete attachments

2 minutes to read

Deletes attachments in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({companyId})/attachments({parentId},{attachmentId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `204 No Content` response code and it deletes the attachment.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({companyId})/attachments({parentId},{attachmentId})
```

Response

No Content.

See also

[Tips for working with the APIs](#)
[Attachment](#)
[Get Attachments](#)
[Create Attachment](#)
[Upload Attachment](#)
[Delete Attachment](#)

balanceSheet resource type

2 minutes to read

Represents a balanceSheet object in Dynamics 365 Business Central. A balance sheet is a statement of the assets, liabilities, and capital of a business at a specific point in time.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET balanceSheet	balanceSheet	Get a balanceSheet object.

Properties

PROPERTY	TYPE	DESCRIPTION
lineNumber	numeric	The balanceSheet item line number.
display	string	The balanceSheet item display name.
balance	numeric	The balanceSheet item balance.
lineType	string	The balanceSheet item line type can be: header, detail, total, or spacer.
indentation	numeric	The balanceSheet item indentation used in report layout.
dateFilter	date	The date filter used to calculate the balanceSheet items.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "lineNumber": "int",
    "display": "string",
    "balance": "decimal",
    "lineType": "string",
    "indentation": "int",
    "dateFilter": "date"
}
```

See also

Get Balance Sheet
Cash Flow Statement

Get balanceSheet

2 minutes to read

Retrieve the properties and relationships of a balance sheet report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/balanceSheet
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **balanceSheet** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/balanceSheet?
$orderby=lineNumber&$filter=dateFilter eq 2020-12-30
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
    "lineNumber": 10000,
    "display": "Assets",
    "balance": 11860.69,
    "lineType": "header",
    "indentation": 0,
    "dateFilter": "2020-12-30"
}
```

See also

Tips for working with the APIs

Balance Sheet
Get Cash Flow Statement
Get Account

cashFlowStatement resource type

2 minutes to read

Represents an cashFlowStatement object in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET cashFlowStatement	cashFlowStatement	Get a cashFlowStatement object.

Properties

PROPERTY	TYPE	DESCRIPTION
lineNumber	numeric	The cashFlowStatement item line number.
display	string	The cashFlowStatement item display name.
netChange	numeric	The cashFlowStatement item Net Change.
lineType	string	The cashFlowStatement item line type can be: header, detail, total, or spacer.
indentation	numeric	The cashFlowStatement item indentation used in report layout.
dateFilter	date	The date filter used to calculate the cashFlowStatement items.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "lineNumber": "int",
    "display": "string",
    "netChange": "decimal",
    "lineType": "string",
    "indentation": "int",
    "dateFilter": "date"
}
```

See also

[Get Cash Flow Statement](#)
[Balance Sheet](#)

Get cashFlowStatement

2 minutes to read

Retrieve the properties and relationships of a cash flow statement report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/cashFlowStatement
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **cashFlowStatement** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/cashFlowStatement?
$orderby=lineNumber&$filter=dateFilter ge 2019-01-01 and dateFilter le 2020-12-31
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "lineNumber": 90000,
    "display": "Net Cash Provided by Operating Activities",
    "netChange": 39133.89,
    "lineType": "total",
    "indentation": 1,
    "dateFilter": "2016-12-31"
}
```

See also

Tips for working with the APIs

Cash Flow Statement
Get Balance Sheet

companies resource type

2 minutes to read

Represents a companies resource type in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET companies	companies	Get a company.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the company. Read-Only.
name	string	Specifies the Company.
displayName	string	Specifies the company display name.
systemVersion	string	Specifies the internal version of the company.
businessProfileId	string	Specifies the Business Profile ID linked to the company.

Relationships

None

JSON representation

Here is a JSON representation of the company.

```
{
  "id": "GUID",
  "name": "string",
  "displayName": "string",
  "systemVersion": "string",
  "businessProfileId": "string"
}
```

See Also

Get Companies
Company Information
Get Company Information
Update Company Information

Get companies

2 minutes to read

Retrieve the properties and relationships of a companies object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **companies** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "id": "id-value",
    "systemVersion": "17806",
    "name": "CRONUS US",
    "displayName": "CRONUS USA, Inc.",
    "businessProfileId": ""
}
```

See also

Tips for working with the APIs

companyInformation resource type

2 minutes to read

Represents the information specified for the current company in Dynamics 365 Business Central, such as name, address, email address, and website address.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET companyInformation	companyInformation	Gets a company information.
PATCH companyInformation	companyInformation	Updates a company information.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the company. Non-editable.
displayName	string	The company's display name.
address	NAV.PostalAddress	The company's address. View the complex type for additional detail.
phoneNumber	string	The company's telephone number.
faxNumber	string	The company's fax number.
email	string	The company's email address.
website	string	The company's website address.
taxRegistrationNumber	string	The company's tax registration number.
currencyCode	string	The currency the company does business in. Read-Only.
currentFiscalYearStartDate	date	The company's current fiscal year start date. Read-Only.
industry	string	The industry the company is part of.

PROPERTY	TYPE	DESCRIPTION
picture	stream	The company logo. Read-Only.
lastModifiedDateTime	datetime	The last datetime the company was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the companyInformation

```
{
  "id": "GUID",
  "displayName": "string",
  "address": "NAV.PostalAddress",
  "phoneNumber": "string",
  "faxNumber": "string",
  "email": "string",
  "website": "string",
  "taxRegistrationNumber": "string",
  "currencyCode": "string",
  "currentFiscalYearStartDate": "date",
  "industry": "string",
  "picture": "stream",
  "lastModifiedDateTime": "datetime"
}
```

See also

Working with Dynamics 365 Business Central in Microsoft Graph

Get companyInformation

2 minutes to read

Retrieve the properties and relationships of a company information object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/companyInformation({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **companyInformation** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/companyInformation({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "id": "id-value",
  "displayName": "CRONUS USA, Inc.",
  "address": {
    "street": "7122 South Ashford Street\r\nWestminster",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "+1 425 555 0100",
  "faxNumber": "+1 425 555 0101",
  "email": "",
  "website": "",
  "taxRegistrationNumber": "",
  "currencyCode": "USD",
  "currentFiscalYearStartDate": "2018-01-01",
  "industry": "",
  "picture@odata.mediaReadLink":
"https://api.financials.dynamics.com/v1.0/api/v1.0/companies({id})/companyInformation({id})/picture",
  "lastModifiedDateTime": "2017-03-16T14:57:19.497Z"
}
```

See also

Tips for working with the APIs

Companies
Company Information
Update Company Information

Update companyInformation

2 minutes to read

Update the properties of a company information object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/companyInformation({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **companyInformation**, the **companyInformation** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated an **companyInformation** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/companyInformation({id})
Content-type: application/json

{
  "displayName": "CRONUS USA, LTD.",
  "website": "www.cronuscorp.net"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "displayName": "CRONUS USA, LTD.",
  "address": {
    "street": "7122 South Ashford Street\r\nWestminster",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "+1 425 555 0100",
  "faxNumber": "+1 425 555 0101",
  "email": "",
  "website": "www.cronuscorp.net",
  "taxRegistrationNumber": "",
  "currencyCode": "USD",
  "currentFiscalYearStartDate": "2018-01-01",
  "industry": "",
  "picture@odata.mediaReadLink":
"https://api.financials.dynamics.com/v1.0/api/v1.0/companies({id})/companyInformation({id})/picture",
  "lastModifiedDateTime": "2017-03-16T14:57:19.497Z"
  }
```

See also

Tips for working with the APIs

Companies
Company Information
Get Company Information

complex types JSON

2 minutes to read

These are the various complex types in Dynamics 365 Business Central. You can see usage of these complex types in the various individual methods that make use of them.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Item category

Represents an Item Category complex type in Dynamics 365 Business Central.

Properties

PROPERTY	TYPE	DESCRIPTION
categoryId	string	The unique ID of the item category.
description	string	Specifies the description of the item category.

```
"ItemCategory"
{
  "categoryId": "string",
  "description": "string"
}
```

Unit of measure

Represents a Unit of Measure complex type in Dynamics 365 Business Central.

Properties

PROPERTY	TYPE	DESCRIPTION
code	string	The unique ID of the unit of measure.
displayName	string	Specifies the description of the unit of measure.
symbol	string	Specifies a graphical representation of the unit of measure.
unitConversion		Specifies the conversion rate to a different (target) unit of measure.

```
"UnitOfMeasure"
{
  "code": "string",
  "displayName": "string",
  "symbol": "string",
  "unitConversion": "NAV.ItemUnitOfMeasureConversion"
}
```

Unit of measure conversion

Represents a Unit of Measure Conversion complex type in Dynamics 365 Business Central.

Properties

PROPERTY	TYPE	DESCRIPTION
toUnitOfMeasure	string	Specifies the unit of measure to convert to.
fromToConversionRate	decimal	Specifies what the (source) base unit of measure is multiplied with in order to convert to the target unit of measure.

```
"ItemUnitOfMeasureConversion"
{
"toUnitOfMeasure": "string",
"fromToConversionRate": "decimal"
}
```

Payment method

Represents a Payment Method complex type in Dynamics 365 Business Central.

Properties

PROPERTY	TYPE	DESCRIPTION
code	string	The unique code of the payment method.
description	string	Specifies a text that describes the payment method.

```
"PaymentMethod"
{
"code": "string",
"description": "string"
}
```

Payment terms

Represents a Payment Terms complex type in Dynamics 365 Business Central.

Properties

PROPERTY	TYPE	DESCRIPTION
code	string	The unique code of the payment terms.
description	string	Specifies a text that describes the payment terms.

```
"PaymentTermsType"
{
"code": "string",
"description": "string"
}
```

Postal address

Represents a Postal Address complex type in Dynamics 365 Business Central.

Properties

PROPERTY	TYPE	DESCRIPTION
street	string	Postal address street.
city	string	Postal address city.
state	string	Postal address state.
countryLetterCode	string	Postal address country letter code (two character word)
postalCode	string	Postal address post code

```
"PostalAddress"
{
"street": "string",
"city": "string",
"state": "string",
"countryLetterCode": "string",
"postalCode": "string"
}
```

Shipment method

Represents a Shipment Method complex type in Dynamics 365 Business Central.

Properties

PROPERTY	TYPE	DESCRIPTION
code	string	The unique code of the shipment method.
description	string	Specifies the description of the shipment method.

```
"ShipmentMethod"
{
"code": "string",
"description": "string"
}
```

Line details

Represents a Line Details complex type in Dynamics 365 Business Central.

Properties

PROPERTY	TYPE	DESCRIPTION
number	string	The sequence number of the document line details.
displayName	string	The display name of the line.

```
"documentLineObjectDetails"
{
"number": "string",
"displayName": "string"
}
```

See also

Working with Dynamics 365 Business Central in Microsoft Graph

countriesRegions resource type

2 minutes to read

Represents a countriesRegions object in Dynamics 365 Business Central, which is part of an address.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET countriesRegions	countriesRegions	Get a Countries/Regions.
POST countriesRegions	countriesRegions	Create a Countries/Regions.
PATCH countriesRegions	countriesRegions	Update a Countries/Regions.
DELETE countriesRegions	none	Delete a Countries/Regions.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the country/region. Non-editable.
code	string	Specifies the code of the country/region.
displayName	string	Specifies the display name of the country/region.
addressFormat	string	Specifies the format of the address that is displayed on external-facing documents. You link an address format to a country/region code so that external-facing documents based on cards or documents with that country/region code use the specified address format.
lastModifiedDateTime	datetime	The last datetime the country/region was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the countriesRegions.

```
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "addressFormat": "string",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Countries Regions
Post Countries Regions
Patch Countries Regions
Delete Countries Regions

Get countriesRegions

2 minutes to read

Retrieve the properties and relationships of a countries regions object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/countriesRegions({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **countriesRegions** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/countriesRegions({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "US",
  "displayName": "USA",
  "addressFormat": "City+County+Post Code",
  "lastModifiedDateTime": "2017-03-14T15:22:31.753Z"
}
```

See also

Tips for working with the APIs

Get Countries Regions
Post Countries Regions
Patch Countries Regions
Delete Countries Regions

Create countriesRegions

2 minutes to read

Create a countriesRegions object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/countriesRegions
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **countriesRegions** object.

Response

If successful, this method returns `201 Created` response code and a **countriesRegions** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/countriesRegions
Content-type: application/json

{
  "code": "US",
  "displayName": "USA",
  "addressFormat": "City+County+Post Code"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "US",
  "displayName": "USA",
  "addressFormat": "City+County+Post Code",
  "lastModifiedDateTime": "2017-03-14T15:22:31.753Z"
}
```

See also

Tips for working with the APIs

Countries Regions
Get Countries Regions
Patch Countries Regions
Delete Countries Regions

Update countriesRegions

2 minutes to read

Update the properties of a country/region object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/countriesRegions({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **countriesRegions**, the **countriesRegions** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **countriesRegions** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/countriesRegions({id})
Content-type: application/json

{
  "displayName": "United States of America"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "US",
  "displayName": "United States of America",
  "addressFormat": "City+County+Post Code",
  "lastModifiedDateTime": "2017-03-16T15:22:31.753Z"
}
```

See also

Tips for working with the APIs

Countries Regions
Get Countries Regions
Post Countries Regions
Delete Countries Regions

Delete countriesRegions

2 minutes to read

Delete a countries/regions object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/countriesRegions({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **countriesRegions**, the **countriesRegions** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/countriesRegions({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

currencies resource type

2 minutes to read

Represents a currency used in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET currencies	currencies	Get a Currency.
POST currencies	currencies	Create a Currency.
PATCH currencies	currencies	Update a Currency.
DELETE currencies	none	Delete a Currency.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the currency. Non-editable.
code	string	Specifies the currency code.
displayName	string	Specifies the currency display name.
symbol	string	Specifies the symbol for this currency that appears on checks.
amountDecimalPlaces	string	Specifies the number of decimal places the system will display on amounts for this currency.
amountRoundingPrecision	decimal	Specifies the size of the interval to be used when rounding amounts for this currency.
lastModifiedDateTime	datetime	The last datetime the currency was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the currencies.

```json
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "symbol": "string",
  "amountDecimalPlaces": "string",
  "amountRoundingPrecision": "decimal",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Currencies

Post Currencies

Patch Currencies

Delete Currencies

Get currencies

2 minutes to read

Retrieve the properties and relationships of a currency object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/currencies({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **currencies** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/currencies({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "US",
  "displayName": "US Dollar",
  "symbol": "$",
  "amountDecimalPlaces": "2:2",
  "amountRoundingPrecision": 0.01,
  "lastModifiedDateTime": "2017-03-22T21:05:09.003Z"
}
```

See also

Tips for working with the APIs

Error Codes

Currencies

Post Currencies

Patch Currencies

Delete Currencies

Create currencies

2 minutes to read

Create a currency object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/currencies
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **currencies** object.

Response

If successful, this method returns `201 Created` response code and a **currencies** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/currencies
Content-type: application/json

{
  "code": "US",
  "displayName": "US Dollar",
  "symbol": "$",
  "amountDecimalPlaces": "2:2",
  "amountRoundingPrecision": 0.01
}
```

Response

Here is an example of the response.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "US",
  "displayName": "US Dollar",
  "symbol": "$",
  "amountDecimalPlaces": "2:2",
  "amountRoundingPrecision": 0.01,
  "lastModifiedDateTime": "2017-03-22T21:05:09.002Z"
}
```

See also

Tips for working with the APIs

Currencies
Get Currencies
Patch Currencies
Delete Currencies

Update currencies

2 minutes to read

Update the properties of a currency object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/currencies({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **currencies**, the **currencies** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **currencies** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/currencies({id})
Content-type: application/json

{
    "displayName": "United States Dollar"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "US",
  "displayName": "United States Dollar",
  "symbol": "$",
  "amountDecimalPlaces": "2:2",
  "amountRoundingPrecision": 0.01,
  "lastModifiedDateTime": "2017-03-22T21:12:18.793Z"
}
```

See also

Tips for working with the APIs

Error Codes
Currencies
Post Currencies
Get Currencies
Delete Currencies

Delete currencies

2 minutes to read

Delete a currency object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({id})/currencies({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **currencies**, the **currencies** will not be
updated.	

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/currencies({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Error Codes
Currencies
Post Currencies
Patch Currencies
Get Currencies

customers resource type

2 minutes to read

Represents a customer in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET customers	customers	Gets a customer.
POST customers	customers	Creates a customer.
PATCH customers	customers	Updates a customer.
DELETE customers	none	Deletes a customer.

Navigation

NAVIGATION	RETURN TYPE	DESCRIPTION
Picture	picture	Gets the picture of customer.
defaultDimensions	defaultDimension	Gets the defaultDimension of customer.
customerFinancialDetail	customerFinancialDetail	Gets the customerFinancialDetails of customer.
currency	currency	Gets the currency of customer.
paymentTerm	paymentTerm	Gets the paymentTerm of customer.
shipmentMethod	shipmentMethod	Gets the shipmentMethod of customer.
paymentMethod	paymentMeth0d	Gets the paymentMethod of customer.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the item. Non-editable.

PROPERTY	TYPE	DESCRIPTION
number	string	The customer number.
displayName	string	Specifies the customer's name. This name will appear on all sales documents for the customer.
type	string	Specifies the type of customer, can be "Company" or "Person".
address	NAV.PostalAddress	Specifies the customer's address. This address will appear on all sales documents for the customer.
phoneNumber	string	Specifies the customer's telephone number.
email	string	Specifies the customer's email address.
website	string	Specifies the customer's home page address.
taxLiable	boolean	Specifies if the customer or vendor is liable for sales tax. Set to **true** if the customer is tax liable.
taxAreaId	GUID	Specifies which tax area the customer belongs to.
taxAreaDisplayName	string	Specified the display name of the tax area the customer belongs to.
taxRegistrationNumber	string, maximum size 20	Specified the tax registration number of the customer.
currencyId	GUID	Specifies which currency the customer uses.
currencyCode	numeric	The default currency code for the customer.
paymentTermsId	GUID	Specifies which payment term the customer uses.
paymentMethodId	GUID	Specifies which payment method the customer uses.
shipmentMethodId	GUID	Specifies which shipment method the customer uses.
blocked	string	Specifies that transactions with the customer cannot be posted. Set to **All**, if the customer is blocked, set to blank if not blocked.

PROPERTY	TYPE	DESCRIPTION
lastModifiedDateTime	datetime	The last datetime the customer was modified. Read-Only.

Relationships

A Currency(currencyCode) must exist in the Currencies table.

A Payment Term(paymentTerms) must exist in the Payment Terms table.

A Shipment Method(shipmentMethod) must exist in the Shipment Method table.

A Payment Method(paymentMethod) must exist in the Payment Method table.

A Tax Area(taxArea) must exist in the Tax Area table.

Financial details of the customer (customerFinancialDetails) can be retrieved.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "displayName": "string",
    "type": "string",
    "address": NAV.PostalAddress,
    "phoneNumber": "string",
    "email": "string",
    "website": "string",
    "taxLiable": "boolean",
    "taxAreaId": "GUID",
    "taxAreaDisplayName": "string",
    "taxRegistrationNumber": "string",
    "currencyCode": "string",
    "paymentTermsId": "GUID",
    "shipmentMethod": NAV.ShipmentMethod,
    "paymentMethod":  NAV.PaymentMethod,
    "blocked": "string",
    "balance": "decimal",
    "overdueAmount": "numeric",
    "totalSalesExcludingTax": "numeric",
    "lastModifiedDateTime": "datetime"
}
```

See also

Get Customers
Post Customers
Patch Customers
Delete Customers

Get customers

2 minutes to read

Retrieve the properties and relationships of a customer object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/customers({id})
```

> **NOTE**
>
> To include the financial details of a customer, expanding on customerFinancialDetails:
> ```
> GET businesscentralPrefix/companies({id})/customers({id})?$expand=customerFinancialDetails
> ```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **customers** object in the response body.

Requests

Here is some example requests.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/customers({id})
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/customers({id})?$expand=customerFinancialDetails,
picture, defaultDimensions, currency, paymentTerm, shipmentMethod, paymentMethod
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/customers({id})?$expand=picture, currency,
paymentMethod
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "number": "10000",
  "displayName": "Coho Winery",
  "type": "Company",
  "address": {
    "street": "192 Market Square",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "",
  "email": "jim.glynn@cronuscorp.net",
  "website": "",
  "taxLiable": true,
  "taxAreaId": "taxAreaId-value",
  "taxAreaDisplayName": "tax area",
  "taxRegistrationNumber": "28012001T",
  "currencyId": "currencyId-value",
  "currencyCode": "USD",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethodId": "shipmentMethodId-value",
  "shipmentMethod": null,
  "paymentMethodId": "paymentMethodId-value",
  "blocked": " ",
  "lastModifiedDateTime": "2017-03-07T00:35:28.983Z"
}
```

See also

Tips for working with the APIs

Error Codes
Customer
Post Customers
Patch Customers
Delete Customers

Create customers

2 minutes to read

Create a customer object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/customers
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **customers** object.

Response

If successful, this method returns `201 Created` response code and a **customers** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/customers
Content-type: application/json

{
  "number": "10000",
  "displayName": "Coho Winery",
  "type": "Company",
  "address": {
    "street": "192 Market Square",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "",
  "email": "jim.glynn@cronuscorp.net",
  "website": "",
  "taxLiable": true,
  "taxAreaId": "taxAreaId-value",
  "taxAreaDisplayName": "tax area",
  "taxRegistrationNumber": "28012001T",
  "currencyId": "currencyId-value",
  "currencyCode": "USD",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethodId": "shipmentMethodId-value",
  "shipmentMethod": null,
  "paymentMethodId": "paymentMethodId-value",
  "paymentMethod": {
    "code": "BANK",
    "description": "Bank Transfer"
  },
  "blocked": " ",
  "overdueAmount": 0,
  "totalSalesExcludingTax": 0,
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "number": "10000",
  "displayName": "Coho Winery",
  "type": "Company",
  "address": {
    "street": "192 Market Square",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "",
  "email": "jim.glynn@cronuscorp.net",
  "website": "",
  "taxLiable": true,
  "taxAreaId": "taxAreaId-value",
  "taxAreaDisplayName": "tax area",
  "taxRegistrationNumber": "28012001T",
  "currencyCode": "USD",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethod": null,
  "paymentMethod": {
    "code": "BANK",
    "description": "Bank Transfer"
  },
  "blocked": " ",
  "balance": 0,
  "overdueAmount": 0,
  "totalSalesExcludingTax": 0,
  "lastModifiedDateTime": "2017-03-07T00:35:28.983Z"
}
```

See also

Tips for working with the APIs

Customer
Get Customers
Patch Customers
Delete Customers

Update customers

2 minutes to read

Update the properties of a customer object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
PATCH businesscentralPrefix/companies({id})/customers({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **customers**, the **customers** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **customers** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/customers({id})
Content-type: application/json

{
  "displayName": "Coho Winery Inc.",
  "phoneNumber": "(555) 555-1234"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "10000",
  "displayName": "Coho Winery Inc.",
  "type": "Company",
  "address": {
    "street": "192 Market Square",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "(555) 555-1234",
  "email": "jim.glynn@cronuscorp.net",
  "website": "",
  "taxLiable": true,
  "taxAreaId": "taxAreaId-value",
  "taxAreaDisplayName": "tax area",
  "taxRegistrationNumber": "28012001T",
  "currencyId": "currencyId-value",
  "currencyCode": "USD",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethodId": "shipmentMethodId-value",
  "shipmentMethod": null,
  "paymentMethodId": "paymentMethod-value",
  "paymentMethod": {
    "code": "BANK",
    "description": "Bank Transfer"
  },
  "blocked": " ",
  "balance": 0,
  "overdueAmount": 0
  "totalSalesExcludingTax": 0,
  "lastModifiedDateTime": "2017-03-07T00:35:28.983Z"
}
```

See also

[Tips for working with the APIs](#)

[Error Codes](#)
[Customer](#)
[Get Customers](#)
[Post Customers](#)
[Delete Customers](#)

Delete customers

2 minutes to read

Delete a customer object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/customers({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **customers**, the **customers** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/customers({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Get customer defaultDimensions

2 minutes to read

Gets the default dimensions of the customer in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.
The following example gets the default dimensions of the customer entity in the response body.

```
GET businesscentralPrefix/companies({companyId})/customers({customerId})/defaultDimensions
```

Request header

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and the **default dimensions** in the response body.

Example

Request Here is an example of a request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({companyId})/customers({customerId})/defaultDimensions
```

Response
Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/customers(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67","dimensionId":"d5fc81ea-8687-4e9d-9c49-
7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Customers
Create customer defaultDimensions
Update customer defaultDimensions
Delete customer defaultDimensions

Create customer defaultDimensions

2 minutes to read

Creates the default dimensions of the customer in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({companyId})/customers({customerId})/defaultDimensions
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **customers** object.

Response

If successful, this method returns `201 Created` response code and a **customer** object in the response body.

Example

Request

Here is an example of a request.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({companyId})/customers({customerId})/defaultDimensions
```

Request body

```
{
    "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
    "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
    "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
    "postingValidation":"Same Code"
}
```

Response

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/customers(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Update customer defaultDimensions

2 minutes to read

Update the default dimensions of the customer in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({companyId})/customers({customerId})/defaultDimensions({customerId},
{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

> **NOTE**
>
> You cannot modify parentId, dimensionId or dimensionCode fields, because these are key fields, and rename is not allowed in Default Dimension record.

Response

If successful, this method returns a `200 OK` response code and an updated default dimensions for the **customer** in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/customers({customerId})/defaultDimensions({cus
tomerId},{dimensionId})
```

Request body

```
{
  "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
  "postingValidation":"Same Code"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/customers(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Customers
Create customer defaultDimensions
Get customer defaultDimensions
Delete customer defaultDimensions

Delete customer defaultDimensions

2 minutes to read

Deletes the default dimensions of the customer in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({companyId})/customers({customerId})/defaultDimensions({customerId},
{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **customers**, the **customers** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `204 No Content` response code and it deletes the default dimensions for the customer and corresponding dimension.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/customers({customerId})/defaultDimensions({cus
tomerId},{dimensionId})
```

Response

No Content.

See also

Tips for working with the APIs

Customer

Create customer defaultDimensions
Update customer defaultDimensions
Get customer defaultDimensions

customerFinancialDetails resource type

2 minutes to read

Represents an customerFinancialDetails object in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET customerFinancialDetails	accounts	Get customerFinancialDetails object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	Id of the customerFinancialDetails.
number	string	Reference to the customer number.
balance	decimal,read-only	Balance for the customer.
totalSalesExcludingTax	decimal, read-only	Total sales exluding tax.
overdueAmount	decimal, read-only	Overdue amount for the customer.
lastModifiedDateTime	datetime	The last datetime the entity was modified.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "balance": "decimal",
    "totalSalesExcludingTax": "decimal",
    "overdueAmount": "decimal"
}
```

See also

Get customerFinancialDetails

Get customerFinancialDetails

2 minutes to read

Retrieve the properties and relationships of a customerFinancialDetails object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.s

```
GET businesscentralPrefix/companies({id})/customerFinancialDetails
GET businesscentralPrefix/companies({id})/customers?$expand=customerFinancialDetails
GET businesscentralPrefix/companies({id})/customers({customerId})?$expand=customerFinancialDetails
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **customerFinancialDetails** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/customerFinancialDetails
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "id": "50168e70-ec57-45cf-86d4-3d850e361606",
    "number": "50000",
    "balance": 8836.8,
    "totalSalesExcludingTax": 81049,
    "overdueAmount": 5754.96
}
```

See also

Tips for working with the APIs

Error Codes
customerFinancialDetails resource

customerPayments resource type

2 minutes to read

Represents a customer payment in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET customerPayments	customerPayments	Gets a customer payment.
POST customerPayments	customerPayments	Creates a customer payment.
PATCH customerPayments	customerPayments	Updates a customer payment.
DELETE customerPayments	none	Deletes a customer payment.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the customer payment. Non-editable.
lineNumber	integer	The number of the customer payment.
customerId	GUID	The unique ID of the customer that the payment is related to.
customerNumber	string, maximum size 20	The number of the customer that the payment is related to.
contactId	string, maximum size 250	The exchange contact id for the given customer. If a customer id is not specified, we will use the contact id to find it.
postingDate	date	The date that the customer payment is posted.
documentNumber	string, maximum size 20	Specifies a document number for the customer payment.
externalDocumentNumber	string, maximum size 20	Specifies an external document number for the customer payment.

PROPERTY	TYPE	DESCRIPTION
amount	decimal	Specifies the total amount (including VAT) that the customer payment consists of.
appliesToInvoiceId	GUID	The unique ID of the invoice that the payment is related to.
appliesToInvoiceNumber	string, maximum size 20	The number of the invoice that the payment is related to.
description	string, maximum size 50	The description of the customer payment, provided by the user or autocreated.
comment	string, maximum size 250	A user specified comment on the customer payment.
lastModifiedDateTime	datetime	The last datetime the customer payment was modified. Read-Only.

Relationships

A customer payment is a subpage of a customer payments journal. It cannot be accessed directly.

A customer payment can be a "Parent Entity" of the dimension lines.

A Customer (customerId) must exist in the Customers table.

An Invoice (appliesToInvoiceId) must exist in the Sales Invoices Table.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "lineNumber": "integer",
    "customerId": "GUID",
    "customerNumber": "string",
    "contactId": "string",
    "postingDate": "date",
    "documentNumber": "string",
    "externalDocumentNumber": "string",
    "amount": "decimal",
    "appliesToInvoiceId": "GUID",
    "appliesToInvoiceNumber": "string",
    "description": "string",
    "comment": "string",
    "lastModifiedDateTime": "datetime"
}
```

See also

Get Customer Payments
Post Customer Payments
Patch Customer Payments

Delete Customer Payments

Get customerPayments

2 minutes to read

Retrieve the properties and relationships of a customer payment object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/customerPaymentsJournals({id})/customerPayments({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **customerPayments** object in the response body.

Example

Request

Here is an example of the request.

```
GET
https://{businesscentralPrefix}/api/v1.0/companies({id})/customerPaymentsJournals({id})/customerPayments({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "lineNumber": 10000,
  "customerId": "customerId-value",
  "customerNumber": "10400",
  "contactId": "string",
  "postingDate": "2015-12-31",
  "documentNumber": "1234",
  "externalDocumentNumber": "",
  "amount": 1500,
  "appliesToInvoiceId": "appliesToInvoiceId-value",
  "appliesToInvoiceNumber": "100000",
  "description": "",
  "comment": "",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Error Codes
Customer Payments
Post Customer Payments
Patch Customer Payments
Delete Customer Payments

Create customerPayments

2 minutes to read

Creates a customer payment object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/customerPaymentJournals({id})/customerPayment({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **customerPayment** object.

Response

If successful, this method returns `201 Created` response code and a **customerPayment** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/customerPayment
Content-type: application/json

{
  "lineNumber": 10000,
  "customerId": "customerId-value",
  "customerNumber": "10400",
  "contactId": "contactId-value",
  "postingDate": "2015-12-31",
  "documentNumber": "1234",
  "externalDocumentNumber": "",
  "amount": -1500,
  "appliesToInvoiceId": "appliesToInvoiceId-value",
  "appliesToInvoiceNumber": "100000",
  "description": "",
  "comment": "",
}
```

Response

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "journalDisplayName": "DEFAULT",
  "lineNumber": 10000,
  "customerId": "customerId-value",
  "customerNumber": "10400",
  "postingDate": "2015-12-31",
  "documentNumber": "1234",
  "externalDocumentNumber": "",
  "amount": 1500,
  "appliesToInvoiceId": "appliesToInvoiceId-value",
  "appliesToInvoiceNumber": "100000",
  "description": "Accounts Receivable",
  "comment": "",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Customer Payments
Get Customer Payments
Patch Customer Payments
Delete Customer Payments

Update customerPayments

2 minutes to read

Update the properties of a customer payment object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/customerPaymentsJournals({id})/customerPayments({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **customerPayments**, the **customerPayments** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **customerPayments** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({id})/customerPaymentsJournals({id})/customerPayments({id})
Content-type: application/json

{
  "amount": 2000
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "lineNumber": 10000,
  "customerId": "customerId-value",
  "customerNumber": "",
  "contactId": "contactId-value",
  "postingDate": "2015-12-31",
  "documentNumber": "D00001",
  "externalDocumentNumber": "",
  "amount": -2000,
  "appliesToInvoiceId": "appliesToInvoiceId-value",
  "appliesToInvoiceNumber": "100000",
  "description": "",
  "comment": "",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Error Codes
Customer Payments
Get Customer Payments
Post Customer Payments
Delete Customer Payments

Delete customerPayments

2 minutes to read

Delete a customerPayment from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/customerPaymentsJournals({id})/customerPayments({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **customerPayments**, the **customerPayments** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({id})/customerPaymentsJournals({id})/customerPayments({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

customerPaymentsJournals resource type

2 minutes to read

Represents a customer payments journal in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET customerPaymentsJournals	customerPaymentsJournals	Gets a customer payments journal.
POST customerPaymentsJournals	customerPaymentsJournals	Creates a customer payments journal.
PATCH customerPaymentsJournals	customerPaymentsJournals	Updates a customer payments journal.
DELETE customerPaymentsJournals	none	Deletes a customer payments journal.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the customer payments journal. Non-editable.
code	string, maximum size 10	The code of the customer payments journal.
displayName	string, maximum size 50	The display name of the customer payments journal.
lastModifiedDateTime	datetime	The last datetime the customer payments journal was modified. Read-Only.

Relationships

JSON representation

Here is a JSON representation of the resource.

```
{
  "id": "GUID",
  "code": "String",
  "displayName": "String",
  "lastModifiedDateTime": "datetime"
}
```

See also

[Microsoft Graph Reference](#)

[Customer Payments Journal](#)
[Post Customer Payments Journal](#)
[Patch Customer Payments Journal](#)
[Delete Customer Payments Journal](#)

Get customerPaymentsJournals

2 minutes to read

Retrieve the properties and relationships of a customer payment journal object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/customerPaymentJournals({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **customerPaymentJournals** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/customerPaymentJournals({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "DEFAULT",
  "displayName": "Default Journal Batch",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs
Microsoft Graph Reference
Error Codes
Customer Payments Journal
Get Customer Payments Journal
Patch Customer Payments Journal
Delete Customer Payments Journal

Create customerPaymentsJournals

2 minutes to read

Creates a customer payments journal object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/customerPaymentJournals({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **customerPaymentJournals** object.

Response

If successful, this method returns `201 Created` response code and a **customerPaymentJournals** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/customerPaymentJournals
Content-type: application/json
```json
{
  "code": "DEFAULT"
}
```

Response

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "DEFAULT",
  "displayName": "Default Journal Batch",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs
Microsoft Graph Reference
Customer Payments Journal
Get Customer Payments Journal
Patch Customer Payments Journal
Delete Customer Payments Journal

Update customerPaymentsJournals

2 minutes to read

Update the properties of a customer payments journal object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/customerPaymentJournals({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **customerPaymentJournals**, the **customerPaymentJournals** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **customerPaymentJournals** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/customerPaymentJournals({id})
Content-type: application/json

{
  "code": "EXPENSE",
  "displayName": "Expense Batch"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "EXPENSE",
  "displayName": "Expense Batch",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs
Microsoft Graph Reference
Error Codes
Customer Payments Journal
Get Customer Payment Journal
Post Customer Payments Journal
Delete Customer Payments Journal

Delete customerPaymentsJournals

2 minutes to read

Delete a customer payment journal object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/customerPaymentJournals({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **customerPaymentJournals**, the **customerPaymentJournals** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/customerPaymentJournals({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](Tips%20for%20working%20with%20the%20APIs)

customerSales resource type

2 minutes to read

Represents an customer sales in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET customerSales	CustomerSales	Get a customer sales object

Properties

PROPERTY	TYPE	DESCRIPTION
customerId	GUID	Represents the customer ID.
customerNumber	string	Represents the customer number.
name	string	Represents the name of the customer.
totalSalesAmount	numeric	Represents the customer sales.
dateFilter_FilterOnly	date	Represents the date filter for the customer sales.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "customerId": "GUID",
    "customerNumber": "string",
    "name": "string",
    "totalSalesAmount": "decimal",
    "dateFilter_FilterOnly": "date"
}
```

See also

Get Customer Sales

Get customerSales

2 minutes to read

Retrieve the properties and relationships of a customer sales report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/customerSales
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **customerSales** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/customerSales
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "customerId": "id-value",
  "customerNumber": "50000",
  "name": "Relecloud",
  "totalSalesAmount": 83956.45,
  "dateFilter_FilterOnly": null
}
```

See also

Tips for working with the APIs

Error Codes
Customer Sales

defaultDimensions resource type

2 minutes to read

Represents a dimension in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET defaultDimensions	dimension	Gets defaultDimensions for an entity.
POST defaultDimensions	dimension	Gets defaultDimensions for an entity.
PATCH defaultDimensions	dimension	Gets defaultDimensions for an entity.
DELETE defaultDimensions	dimension	Gets defaultDimensions for an entity.

Properties

PROPERTY	TYPE	DESCRIPTION
parentId	GUID	The unique ID of the entity.
dimensionId	GUID	The unique ID of the dimension.
dimensionCode	string, maximum size 20	The dimension code.
dimensionValueId	GUID	The unique ID of the dimension value.
dimensionValueCode	string, maximum size 20	The dimension value code.
postingValidation	string	

JSON representation

Here is a JSON representation of the resource.

```
{
  "parentId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "dimensionId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "dimensionCode": "string",
  "dimensionValueId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "dimensionValueCode": "string",
  "postingValidation": "string",
  "account": {
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "number": "string",
    "displayName": "string",
    "category": "string",
    "subCategory": "string",
    "blocked": true,
    "lastModifiedDateTime": "2019-03-22T09:03:59.565Z"
  },
  "dimension": {
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "code": "string",
    "displayName": "string",
    "lastModifiedDateTime": "2019-03-22T09:03:59.565Z",
    "dimensionValues": [
      {
        "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
        "code": "string",
        "displayName": "string",
        "lastModifiedDateTime": "2019-03-22T09:03:59.565Z"
      }
    ]
  },
  "dimensionValue": {
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "code": "string",
    "displayName": "string",
    "lastModifiedDateTime": "2019-03-22T09:03:59.565Z"
  }
}
```

See also

Get defaultDimensions
Create defaultDimensions
Update defaultDimensions
Delete defaultDimensions

Get entity defaultDimensions

2 minutes to read

Gets the default dimensions of an entity in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.
The following example gets the default dimensions of an entity.

```
GET businesscentralPrefix/companies({companyId})/items({itemId})/defaultDimensions
GET businesscentralPrefix/companies({companyId})/customers({customerId})/defaultDimensions
GET businesscentralPrefix/companies({companyId})/vendors({vendorId})/defaultDimensions
GET businesscentralPrefix/companies({companyId})/employees({emplyeeId})/defaultDimensions
```

Request header

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and the **default dimensions** in the response body.

Example

Request

```
GET https://{businesscentralPrefix}/api/v1.0/companies({companyId})/items({itemId})/defaultDimensions
```

Response
Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/items(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67","dimensionId":"d5fc81ea-8687-4e9d-9c49-
7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Some Code"
        }
    ]
}
```

See also

Tips for working with the APIs
defaultDimension resource
Create defaultDimensions
Update defaultDimensions
Delete defaultDimensions

Create defaultDimensions for entities

2 minutes to read

Creates the default dimensions for entities in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
POST businesscentralPrefix/companies({companyId})/items({itemId})/defaultDimensions
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **defaultDimensions** object.

Response

If successful, this method returns `201 Created` response code and a **defaultDimensions** object in the response body.

Example

Request
Here is an example of a request.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({companyId})/items({itemId})/defaultDimensions
POST https://{businesscentralPrefix}/api/v1.0/companies({companyId})/vendors({vendorId})/defaultDimensions
POST https://{businesscentralPrefix}/api/v1.0/companies({companyId})/employees({employeeId})/defaultDimensions
POST https://{businesscentralPrefix}/api/v1.0/companies({companyId})/customers({customerId})/defaultDimensions
```

Request body

```
{
    "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
    "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
    "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
    "postingValidation":"Same Code"
}
```

Response

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/items(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

defaultDimension resource
Get defaultDimensions
Update defaultDimensions
Delete defaultDimensions

Update defaultDimensions for entities

2 minutes to read

Update the default dimensions of entities in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({companyId})/items({itemId})/defaultDimensions({itemId},{dimensionId})
PATCH businesscentralPrefix/companies({companyId})/customers({customerId})/defaultDimensions({customer},
{dimensionId})
PATCH businesscentralPrefix/companies({companyId})/employees({employeeId})/defaultDimensions({employeeId},
{dimensionId})
PATCH businesscentralPrefix/companies({companyId})/vendors({vendorId})/defaultDimensions({vendorId},
{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

> **NOTE**
>
> You cannot modify parentId, dimensionId or dimensionCode fields, because these are key fields, and rename is not allowed in Default Dimension record.

Response

If successful, this method returns a `200 OK` response code and an updated default dimensions for the entity in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/items({itemId})/defaultDimensions({itemId},
{dimensionId})
```

Request body

```
{
  "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
  "postingValidation":"Same Code"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/items(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs
defaultDimension resource
Get defaultDimensions
Create defaultDimensions
Delete defaultDimensions

Delete defaultDimensions from entities

2 minutes to read

Deletes the default dimensions of the item in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({companyId})/items({itemId})/defaultDimensions({itemId},{dimensionId})
DELETE businesscentralPrefix/companies({companyId})/customers({customerId})/defaultDimensions({customer},
{dimensionId})
DELETE businesscentralPrefix/companies({companyId})/employees({employeeId})/defaultDimensions({employeeId},
{dimensionId})
DELETE businesscentralPrefix/companies({companyId})/vendors({vendorId})/defaultDimensions({vendorId},
{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the specific entity, the entity will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `204 No Content` response code and it deletes the default dimensions for the entity and corresponding dimension.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/items({itemId})/defaultDimensions({itemId},
{dimensionId})
```

Response

No Content.

See also

Tips for working with the APIs

defaultDimension resource
Get defaultDimensions
Create defaultDimensions
Update defaultDimensions

Dimensions resource type

2 minutes to read

Represents a dimension in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET dimensions	dimension	Gets a dimension.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the item.
code	string, maximum size 20	The dimension code.
displayName	string	Specifies the dimension's name. This name will appear where the dimension is used.
lastModifiedDateTime	datetime	The last datetime the dimension was modified.

JSON representation

Here is a JSON representation of the resource.

```
{

    "id": "GUID",
    "code": "string",
    "displayName": "string",
    "lastModifiedDateTime": "datetime"
}
```

See also

Get Dimensions

Get dimensions

2 minutes to read

Retrieve the properties and relationships of a **dimensions** object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/dimensions({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **dimensions** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/dimensions({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "AREA",
  "displayName": "Area",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Error Codes
Dimension

dimensionLines resource type

2 minutes to read

Represents a dimension line in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET dimensionLines	dimensionLines	Gets a dimension line object
POST dimensionLines	dimensionLines	Creates a dimension line object
PATCH dimensionLines	dimensionLines	Updates a dimension line object
DELETE dimensionLines	none	Deletes a dimension line object

Properties

PROPERTY	TYPE	DESCRIPTION
parentId	GUID	The ID of the parent entity. Non editable.
id	GUID	The unique ID of the dimension line. Non editable.
code	string, maximum size 20	The code of the dimension.
displayName	string, maximum size 30	The display name of the dimension. Read-Only.
valueId	GUID	The unique ID of the value of the dimension.
valueCode	string, maximum size 20	The code of the value of the dimension.
valueDisplayName	string, maximum size 50	The display name of the value of the dimension. Read-Only.

Relationships

A dimension line must have a "Parent Entity" with an Id, that is represented by the parent Id. "Parent Entity" can be one of the following:

1. Journal Line

2. Customer Payment.

A Dimension (id) must exist in the Dimensions endpoint.

A Dimension Value (valueId) must exist in the Dimension Values endpoint.

JSON representation

Here is a JSON representation of the resource.

```
{
  "parentId": "GUID",
  "id": "GUID",
  "code": "String",
  "displayName": "String",
  "valueId": "GUID",
  "valueCode": "String",
  "valueDisplayName": "String"
}
```

See also

Get Dimension Line
Post Dimension Line
Patch Dimension Line
Delete Dimension Line

Get dimensionLines

2 minutes to read

Retrieve the properties and relationships of a dimension line object for Dynamics 365 Business Central.

Prerequisites

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

If you want to receive all of the dimension lines of a specific parent entity, you can do it with the following URL:

```
GET businesscentralPrefix/companies({id})/dimensionLines?$filter=parentId eq ({id})
```

In order to get a specific dimension line, you can use the following URL:

```
GET businesscentralPrefix/companies({id})/dimensionLines(parentId=({id}),id=({id}))
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **dimensionLines** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/dimensionLines(parentId=({id}),id=({id}))
```

Response

Here is an example of the response.

```
{
  "parentId": "id-value",
  "id": "id-value",
  "code": "DEPARTMENT",
  "displayName": "Department",
  "valueId": "id-value",
  "valueCode": "SALES",
  "valueDisplayName": "Sales"
}
```

See also

Tips for working with the APIs

Error Codes
Dimension Line
Post Dimension Line
Patch Dimension Line
Delete Dimension Line

Create dimensionLines

2 minutes to read

Create a dimension line object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/dimensionLines
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **dimensionLines** object.

Response

If successful, this method returns `201 Created` response code and a **dimensionLines** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/dimensionLines
Content-type: application/json

{
  "parentId" : "parentId-value",
  "id" : "id-value",
  "code" : "DEPARTMENT",
  "valueId" : "valueId-value",
  "valueCode" : "SALES"
}
```

Response

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "parentId" : "parentId-value",
  "id" : "id-value",
  "code" : "DEPARTMENT",
  "displayName": "Department",
  "valueId" : "valueId-value",
  "valueCode" : "SALES",
  "valueDisplayName": "Production"
}
```

See also

Tips for working with the APIs

Dimension Line
Get Dimension Line
Patch Dimension Line
Delete Dimension Line

Update dimensionLines

2 minutes to read

Update the properties of a dimension line object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/dimensionLines(parentId=({id}),id=({id}))
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **dimensionLines**, the **dimensionLines** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **dimensionLines** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/dimensionLines(parentId=({id}),id=({id}))
Content-type: application/json

{
  "valueCode": "PROD"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "parentId": "id-value",
  "id": "id-value",
  "code": "DEPARTMENT",
  "displayName": "Department",
  "valueId": "id-value",
  "valueCode": "PROD",
  "valueDisplayName": "Production"
}
```

See also

Tips for working with the APIs

Error Codes
Dimension Line
Get Dimension Line
Post Dimension Line
Delete Dimension Line

Delete dimensionLines

2 minutes to read

Delete a dimension line object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({id})/dimensionLines(parentId=({id}),id=({id}))
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **dimensionLines**, the **dimensionLines** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/dimensionLines(parentId=({id}),id=({id}))
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](#)

dimensionValues resource type

2 minutes to read

Represents a dimension value in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET dimensionValues	dimensionValues	Gets a dimension value object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the item.
code	string, maximum size 20	The dimension value code.
displayName	string	Specifies the dimension value's name. This name will appear where the dimension value is used.
lastModifiedDateTime	datetime	The last datetime the dimension value was modified.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "code": "string",
    "displayName": "string",
    "lastModifiedDateTime": "datetime"
}
```

See also

Get Dimension Value

Get dimensionValues

2 minutes to read

Retrieve the properties and relationships of a dimension value object for Dynamics 365 Business Central.

Prerequisites

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/dimensions({id})/dimensionValues({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **dimensionValues** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/dimensions({id})/dimensionValues({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "30",
  "displayName": "Europe North (EU)",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Error Codes
Dimension Value

employees resource type

2 minutes to read

Represents an employee in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET employees	employees	Get an employee object.
POST employees	employees	Create an employee object.
PATCH employees	employees	Update an employee object.
DELETE employees	none	Delete an employee object.

Subpages

METHOD	RETURN TYPE	DESCRIPTION
GET employee defaultDimensions	default dimensions	Gets the default dimensions of employee.
POST employee defaultDimensions	default dimensions	Creates the default dimensions of employee.
PATCH employee defaultDimensions	default dimensions	Updates the default dimensions of employee.
DELETE employee defaultDimensions	default dimensions	Deletes the default dimensions of employee.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The employee ID. Non-editable.
number	string	The employee number. Read-Only.
displayName	string	The employee givenName + surname. Read-Only.

PROPERTY	TYPE	DESCRIPTION
givenName	string	The given name of the employee.
middleName	string	The middle name of the employee.
surname	string	The surname of the employee
jobTitle	string	The full name of the employee
address	NAV.PostalAddress	Specifies the employee's address. This address will appear on all resource documents for the employee.
phoneNumber	string	Specifies the employee's telephone number.
mobilePhone	string	Specifies the employee's mobile telephone number.
email	string	Specifies the employee's email address.
personalEmail	string	Specifies the employee's personal email address.
employmentDate	date	Specifies the date when the employee began to work for the company.
terminationDate	date	Specifies the date when the employee was terminated, due to retirement or dismissal, for example.
status	string	Specifies the employee's status. Possible values are Active, Inactive or Terminated
birthDate	date	Specifies the employee's date of birth.
picture	stream	The employee picture. Read-Only.
lastModifiedDateTime	datetime	The last datetime the employee was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "displayName": "string",
    "givenName": "string",
    "middleName": "string",
    "surname": "string",
    "jobTitle": "string",
    "address": "NAV.PostalAddress",
    "phoneNumber": "string",
    "mobilePhone": "string",
    "email": "string",
    "personalEmail": "string",
    "employmentDate": "date",
    "terminationDate": "date",
    "status": "string",
    "birthDate": "date",
    "picture": "stream",
    "lastModifiedDateTime": "datetime"
}
```

See also

Error Codes
Get Employee
Post Employee
Patch Employee
Delete Employee

Get employees

2 minutes to read

Retrieve the properties and relationships of an employee object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/employees({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **employees** object in the response body.

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/employees({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "number": "AH",
  "displayName": "Annette Hill",
  "givenName": "Annette",
  "middleName": "",
  "surname": "Hill",
  "jobTitle": "Secretary",
  "address": {
    "street": "677 Fifth Avenue",
    "city": "New York",
    "state": "",
    "countryLetterCode": "",
    "postalCode": "10022"
  },
  "phoneNumber": "4465-4899-4643",
  "mobilePhone": "4564-4564-7831",
  "email": "",
  "personalEmail": "ah@cronus-demosite.com",
  "employmentDate": "2001-06-01",
  "terminationDate": "0001-01-01",
  "status": "Active",
  "birthDate": "1973-12-12",
  "picture@odata.mediaReadLink":
"https://api.financials.dynamics.com/v1.0/api/v1.0/companies({id})/employees({id})/picture",
  "lastModifiedDateTime": "2017-03-16T14:57:19.497Z"
}
```

See also

Tips for working with the APIs

Error Codes
Employee
Post Employee
Patch Employee
Delete Employee

Create employees

2 minutes to read

Create an employee object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/employees
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of an **employees** object.

Response

If successful, this method returns `201 Created` response code and an **employees** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/employees
Content-type: application/json

{
  "id": "id-value",
  "number": "AH",
  "givenName": "Annette",
  "surname": "Hill",
  "jobTitle": "Production Assistant",
  "address": {
    "street": "677 Fifth Avenue",
    "city": "New York",
    "state": "",
    "countryLetterCode": "",
    "postalCode": "10022"
  },
  "phoneNumber": "4465-4899-4643",
  "mobilePhone": "4564-4564-7831",
  "personalEmail": "ah@cronus-demosite.com",
  "employmentDate": "2001-06-01",
  "birthDate": "1973-12-12"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "number": "AH",
  "displayName": "Annette Hill",
  "givenName": "Annette",
  "middleName": "",
  "surname": "Hill",
  "jobTitle": "Secretary",
  "address": {
    "street": "677 Fifth Avenue",
    "city": "New York",
    "state": "",
    "countryLetterCode": "",
    "postalCode": "10022"
  },
  "phoneNumber": "4465-4899-4643",
  "mobilePhone": "4564-4564-7831",
  "email": "",
  "personalEmail": "ah@cronus-demosite.com",
  "employmentDate": "2001-06-01",
  "terminationDate": "0001-01-01",
  "status": "Active",
  "birthDate": "1973-12-12",
  "picture@odata.mediaReadLink":
"https://api.financials.dynamics.com/v1.0/api/v1.0/companies({id})/employees({id})/picture",
  "lastModifiedDateTime": "2017-03-16T14:57:19.497Z"
}
```

See also

Tips for working with the APIs

Employee
Get Employee
Patch Employee
Delete Employee

Update employees

2 minutes to read

Update the properties of an employee object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/employees({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **employees**, the **employees** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **employees** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/employees({id})
Content-type: application/json

{
  "givenName": "Anthony",
  "phoneNumber": "0678-8712-3455"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "AH",
  "displayName": "Anthony Hill",
  "givenName": "Anthony",
  "middleName": "",
  "surname": "Hill",
  "jobTitle": "Secretary",
  "address": {
    "street": "677 Fifth Avenue",
    "city": "New York",
    "state": "",
    "countryLetterCode": "",
    "postalCode": "10022"
  },
  "phoneNumber": "0678-8712-3455",
  "mobilePhone": "4564-4564-7831",
  "email": "",
  "personalEmail": "ah@cronus-demosite.com",
  "employmentDate": "2001-06-01",
  "terminationDate": "0001-01-01",
  "status": "Active",
  "birthDate": "1973-12-12",
  "picture@odata.mediaReadLink":
"https://api.financials.dynamics.com/v1.0/api/v1.0/companies({id})/employees({id})/picture",
  "lastModifiedDateTime": "2017-03-16T14:57:19.497Z"
}
```

See also

Tips for working with the APIs

Error Codes
Employee
Get Employee
Post Employee
Delete Employee

Delete employees

2 minutes to read

Delete an employee from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({id})/employees({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **employees**, the **employees** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/employees({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](#)

Get employee defaultDimensions

2 minutes to read

Gets the default dimensions of the employee in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.
The following example gets the default dimensions of the employee entity in the response body.

```
GET businesscentralPrefix/companies({companyId})/employees({employeeId})/defaultDimensions
```

Request header

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and the **default dimensions** in the response body.

Example

Request

```
GET https://{businesscentralPrefix}/api/v1.0/companies({companyId})/employees({employeeId})/defaultDimensions
```

Response
Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/employees(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67","dimensionId":"d5fc81ea-8687-4e9d-9c49-
7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Employees
Create employee defaultDimensions
Update employee defaultDimensions
Delete employee defaultDimensions

Create employee defaultDimensions

2 minutes to read

Creates the default dimensions of the employee in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({companyId})/employees({employeeId})/defaultDimensions
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **employees** object.

Response

If successful, this method returns `201 Created` response code and a **employee** object in the response body.

Example

Request Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({companyId})/employees({employeeId})/defaultDimensions
```

Request body

```
{
    "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
    "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
    "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
    "postingValidation":"Same Code"
}
```

Response

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/employees(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Employee
Get employee defaultDimensions
Update employee defaultDimensions
Delete employee defaultDimensions

Update employee defaultDimensions

2 minutes to read

Updates the default dimensions of the employee in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({companyId})/employees({employeeId})/defaultDimensions({employeeId}, {dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

> **NOTE**
> You cannot modify parentId, dimensionId or dimensionCode fields, because these are key fields, and rename is not allowed in Default Dimension record.

Response

If successful, this method returns a `200 OK` response code and an updated default dimensions for the **employee** in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/employees({employeeId})/defaultDimensions({employeeId},{dimensionId})
```

Request body

```
{
  "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
  "postingValidation":"Same Code"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/employees(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Employees
Create employee defaultDimensions
Get employee defaultDimensions
Delete employee defaultDimensions

Delete employee defaultDimensions

2 minutes to read

Deletes the default dimensions of the employee in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({companyId})/employees({employeeId})/defaultDimensions({employeeId},
{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **employees**, the **employees** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `204 No Content` response code and it deletes the default dimensions for the employee and corresponding dimension.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/employees({employeeId})/defaultDimensions({emp
loyeeId},{dimensionId})
```

Response

No Content.

See also

[Tips for working with the APIs](#)

[Employee](#)

Create employee defaultDimensions

Update employee defaultDimensions

Get employee defaultDimensions

generalLedgerEntries resource type

2 minutes to read

Represents a generalLedgerEntry object in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET generalLedgerEntries	generalLedgerEntries	Get a G/L entry object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the G/L Entry.
number	numeric	Specifies the number of the G/L Entry.
postingDate	date	Specifies the posting date of the G/L Entry.
documentNumber	string, maximum size 20	Specifies the document number of the G/L Entry.
documentType	string	Specifies the document type of the G/L Entry.
dimensions	NAV.dimensionType	dimensions of the G/L Entry.
accountId	GUID	Specifies the accountId of the G/L Entry.
accountNumber	string, maximum size 20	Specifies the accountNumber of the G/L Entry.
description	string, maximum size 50	Specifies the description of the G/L Entry.
debitAmount	numeric	Specifies the debitAmount of the G/L Entry.
creditAmount	numeric	Specifies the creditAmount of the G/L Entry.

PROPERTY	TYPE	DESCRIPTION
lastModifiedDateTime	datetime	The last datetime the G/L Entry was modified.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
  "id": "GUID",
  "number": "int",
  "postingDate": "Date",
  "documentNumber": "string",
  "documentType": "string",
  "dimensions": "string",
  "accountId": "GUID",
  "accountNumber": "string",
  "description": "string",
  "debitAmount": "decimal",
  "creditAmount": "decimal",
  "lastModifiedDateTime": "datetime"
}
```

See also

General Ledger Entries
Get General Ledger Entries

Get generalLedgerEntries

2 minutes to read

Retrieve the properties and relationships of a general ledger entry object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/generalLedgerEntries({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **generalLedgerEntries** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://graph.microsoft.com/v1.0businesscentralPrefix/companies({id})/generalLedgerEntries({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
    "id": "id-value",
    "number": "10700",
    "postingDate": "2017-03-15",
    "documentNumber": "108027",
    "documentType": "Invoice",
    "accountId": "id-value",
    "accountNumber": "7210",
    "description": "Order 106003",
    "debitAmount": 6943.8,
    "creditAmount": 0,
    "lastModifiedDateTime": "2017-03-15T02:20:58.747Z"
}
```

See also

Tips for working with the APIs

Error Codes
General Ledger Entries

incomeStatement resource type

2 minutes to read

Represents an income statement in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET incomeStatement	incomeStatement	Get an income statement object.

Properties

PROPERTY	TYPE	DESCRIPTION
lineNumber	numeric	The incomeStatement item line number.
display	string	The incomeStatement item display name.
netChange	numeric	The incomeStatement item Net Change.
lineType	string	The incomeStatement item line type can be: header, detail, total, or spacer.
indentation	numeric	The incomeStatement item indentation used in report layout.
dateFilter	date	The date filter used to calculate the incomeStatement items.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "lineNumber": "int",
    "display": "string",
    "netChange": "decimal",
    "lineType": "string",
    "indentation": "int",
    "dateFilter": "date"
}
```

See also

Error Codes
Get Income Statement

Get incomeStatement

2 minutes to read

Retrieve the properties and relationships of an income statement report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/incomeStatement
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **incomeStatement** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/incomeStatement?
$orderby=lineNumber&$filter=dateFilter ge 2019-01-01 and dateFilter le 2020-12-31
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "lineNumber": 30000,
    "display": "Income, Product Sales",
    "netChange": 483040.25,
    "lineType": "detail",
    "indentation": 1,
    "dateFilter": "2016-12-31"
}
```

See also

Tips for working with the APIs

Error Codes
Income Statement

irs1099Codes resource type

2 minutes to read

Represents an irs1099Codes object in Dynamics 365 Business Central. IRS 1099 codes are used for reporting to the IRS.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET irs1099Codes	irs1099Codes	Gets an IRS 1099 code.
POST irs1099Codes	irs1099Codes	Creates an IRS 1099 code.
PATCH irs1099Codes	irs1099Codes	Update an IRS 1099 code.
DELETE irs1099Codes	none	Delete an IRS 1099 code.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the IRS 1099 Code. Non-editable.
code	string	Specifies the IRS 1099 Code.
displayName	string	Specifies the IRS 1099 Code display name.
minimumReportable	decimal	Specifies the minimum value for this box that must be reported to the IRS on a 1099 form.
lastModifiedDateTime	datetime	The last datetime the IRS 1099 Code was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the irs1099Codes.

```
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "minimumReportable": "decimal",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get IRS 1099
Post IRS 1099
Patch IRS 1099
Delete IRS 1099

Get irs1099Codes

2 minutes to read

Retrieve the properties and relationships of an IRS 1099 codes object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/irs1099Codes({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **irs1099Codes** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/irs1099Codes({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "R-10",
  "displayName": "State income tax withheld",
  "minimumReportable": 0,
  "lastModifiedDateTime": "0001-01-01T00:00:00Z"
}
```

See also

Tips for working with the APIs

Error Codes
IRS 1099
Post IRS 1099
Patch IRS 1099
Delete IRS 1099

Create irs1099Codes

2 minutes to read

Create an IRS 1099 code object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/irs1099Codes
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of an **irs1099Codes** object.

Response

If successful, this method returns `201 Created` response code and an **irs1099Codes** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/irs1099Codes
Content-type: application/json

{
  "code": "R-10",
  "displayName": "State income tax withheld",
  "minimumReportable": 0
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "R-10",
  "displayName": "State income tax withheld",
  "minimumReportable": 0,
  "lastModifiedDateTime": "0001-01-01T00:00:00Z"
}
```

See also

Tips for working with the APIs

IRS 1099
Get IRS 1099
Patch IRS 1099
Delete IRS 1099

Update irs1099Codes

2 minutes to read

Update the properties of an IRS 1099 codes object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
PATCH businesscentralPrefix/companies({id})/irs1099Codes({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **irs1099Codes**, the **irs1099Codes** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **irs1099Codes** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/irs1099Codes({id})
Content-type: application/json

{
  "minimumReportable": 250
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "R-10",
  "displayName": "State income tax withheld",
  "minimumReportable": 250,
  "lastModifiedDateTime": "0001-01-01T00:00:00Z"
}
```

See also

[Tips for working with the APIs](#)

[Error Codes](#)
[IRS 1099](#)
[Get IRS 1099](#)
[Post IRS 1099](#)
[Delete IRS 1099](#)

Delete irs1099Codes

2 minutes to read

Delete a irs1099Codes object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/irs1099Codes({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **irs1099Codes**, the **irs1099Codes** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/irs1099Codes({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

items resource type

2 minutes to read

Represents an item in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET item	items	Gets an item object.
POST item	items	Creates an item object.
PATCH item	items	Updates an item object.
DELETE item	none	Deletes an item object.

Navigation

NAVIGATION	RETURN TYPE	DESCRIPTION
Picture	picture	Gets the picture of item.
DefaultDimension	defaultDimension	Gets the defaultDimension of item.
ItemCategory	itemCategory	Gets the item catgory of item.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the item. Non-editable.
number	string	The item number.
displayName	string	Specifies a description of the item.
type	string	The inventory type for the item; Inventory, Service, and Non-Inventory. This is a required property.

PROPERTY	TYPE	DESCRIPTION
blocked	boolean	Specifies that transactions with the item cannot be posted, for example, because the item is in quarantine. Set to **true**, if item is blocked.
baseUnitOfMeasureId	GUID	Specifies the ID of the unit of measure.
baseUnitOfMeasure	NAV.UnitOfMeasure	Specifies the unit in which the item is held in inventory.
gtin	numeric	This is the Global Trade Item Number.
itemCategory	NAV.ItemCategory	Specifies the category that the item belongs to.
inventory	decimal	Specifies how many units, such as pieces, boxes, or cans, of the item are in inventory. Read-Only.
unitPrice	decimal	Specifies the price for one unit of the item in the specified currency.
priceIncludesTax	boolean	Specifies that the unitPrice includes tax. Set to **true**, if unitPrice includes tax.
unitCost	decimal	Specifies the cost per unit of the item.
taxGroupId	GUID	Specifies the ID of the Tax Group for the item.
taxGroupCode	numeric	A Tax Group represents a group of inventory items or resources that are subject to identical tax terms.
lastModifiedDateTime	datetime	The last datetime the item was modified. Read-Only.

Relationships

A Tax Group(taxGroupCode) must exist in the Tax Group table.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "displayName": "string",
    "type": "string",
    "blocked": "boolean",
    "baseUnitOfMeasureId": "GUID",
    "baseUnitOfMeasure": "NAV.UnitOfMeasure",
    "gtin": "numeric",
    "itemCategory": "NAV.ItemCategory",
    "inventory": "decimal",
    "unitPrice": "decimal",
    "priceIncludesTax": "boolean",
    "unitCost": "decimal",
    "taxGroupId": "GUID",
    "taxGroupCode": "string",
    "lastModifiedDateTime": "datetime"
}
```

See also

Error Codes
Item
Get Item
Post Item
Patch Item
Delete Item

Get items

2 minutes to read

Retrieve the properties and relationships of an item object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/items({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **items** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://graph.microsoft.com/v1.0businesscentralPrefix/companies({id})/items({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "id": "id-value",
  "number": "1896-S",
  "displayName": "ATHENS Desk",
  "type": "Inventory",
  "blocked": false,
  "baseUnitOfMeasureId": "id-value",
  "baseUnitOfMeasure": {
    "unitCode": "PCS",
    "unitName": "Piece",
    "symbol": "",
    "unitConversion": null
  },
  "gtin": "",
  "itemCategory": {
    "categoryId": "TABLE",
    "description": "Assorted Tables"
  },
  "inventory": 0,
  "unitPrice": 1000.8,
  "priceIncludesTax": false,
  "unitCost": 780.7,
  "taxGroupId": "id-value",
  "taxGroupCode": "FURNITURE",
  "lastModifiedDateTime": "2017-03-07T00:35:30.073Z"
}
```

See also

Tips for working with the APIs

Error Codes
Item
Post Item
Patch Item
Delete Item

Create items

2 minutes to read

Create an item in Dynamics 365 Business Central for use on invoices, quotes, etc.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
POST businesscentralPrefix/companies({id})/items
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of an **items** object.

Response

If successful, this method returns `201 Created` response code and an **items** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/items
Content-type: application/json

{
  "number": "1896-S",
  "displayName": "ATHENS Desk",
  "type": "Inventory",
  "blocked": false,
  "baseUnitOfMeasure": {
    "unitCode": "PCS",
    "unitName": "Piece",
    "symbol": "",
    "unitConversion": null
  },
  "gtin": "",
  "itemCategory": {
    "categoryId": "TABLE",
    "description": "Assorted Tables"
  },
  "inventory": 0,
  "unitPrice": 1000.8,
  "priceIncludesTax": false,
  "unitCost": 780.7,
  "taxGroupCode": "FURNITURE"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "number": "1896-S",
  "displayName": "ATHENS Desk",
  "lastModifiedDateTime": "2015-11-09T02:14:32Z"
}
```

See also

Tips for working with the APIs

Item
Get Item
Patch item
Delete Item

Update items

2 minutes to read

Update the properties of an item object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/items({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **items**, the **items** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **items** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/items({id})
Content-type: application/json

{
  "displayName": "ATHENS Desk - blocked",
  "blocked": true
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "1896-S",
  "displayName": "ATHENS Desk - blocked",
  "type": "Inventory",
  "blocked": true,
  "baseUnitOfMeasureId": "id-value",
  "baseUnitOfMeasure": {
    "unitCode": "PCS",
    "unitName": "Piece",
    "symbol": "",
    "unitConversion": null
  },
  "gtin": "",
  "itemCategory": {
    "categoryId": "TABLE",
    "description": "Assorted Tables"
  },
  "inventory": 0,
  "unitPrice": 1000.8,
  "priceIncludesTax": false,
  "unitCost": 780.7,
  "taxGroupId": "id-value",
  "taxGroupCode": "FURNITURE",
  "lastModifiedDateTime": "2017-03-07T00:35:30.073Z"
}
```

See also

Tips for working with the APIs .

Error Codes
Item
Get Item
Post Item
Delete Item

Delete items

2 minutes to read

Delete an item from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/items({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **items**, the **items** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/items({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](Tips%20for%20working%20with%20the%20APIs)

Get item defaultDimensions

2 minutes to read

Gets the default dimensions of the item in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline. The following example gets the default dimensions of the item entity in the response body.

```
GET businesscentralPrefix/companies({companyId})/items({itemId})/defaultDimensions
```

Request header

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and the **default dimensions** in the response body.

Example

Request

```
GET https://{businesscentralPrefix}/api/v1.0/companies({companyId})/items({itemId})/defaultDimensions
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/items(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67","dimensionId":"d5fc81ea-8687-4e9d-9c49-
7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Items
Create item defaultDimensions
Update item defaultDimensions
Delete item defaultDimensions

Create item defaultDimensions

2 minutes to read

Creates the default dimensions of the item in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({companyId})/items({itemId})/defaultDimensions
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **items** object.

Response

If successful, this method returns `201 Created` response code and a **item** object in the response body.

Example

Request

Here is an example of a request.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({companyId})/items({itemId})/defaultDimensions
```

Request body

```
{
    "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
    "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
    "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
    "postingValidation":"Same Code"
}
```

Response

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/items(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Item
Get item defaultDimensions
Update item defaultDimensions
Delete item defaultDimensions

Update item defaultDimensions

2 minutes to read

Update the default dimensions of the item in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
PATCH businesscentralPrefix/companies({companyId})/items({itemId})/defaultDimensions({itemId},{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

> **NOTE**
>
> You cannot modify parentId, dimensionId or dimensionCode fields, because these are key fields, and rename is not allowed in Default Dimension record.

Response

If successful, this method returns a `200 OK` response code and an updated default dimensions for the **item** in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/items({itemId})/defaultDimensions({itemId},
{dimensionId})
```

Request body

```
{
    "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
    "postingValidation":"Same Code"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/items(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Items
Create item defaultDimensions
Get item defaultDimensions
Delete item defaultDimensions

Delete item defaultDimensions

2 minutes to read

Deletes the default dimensions of the item in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({companyId})/items({itemId})/defaultDimensions({itemId},{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **items**, the **items** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `204 No Content` response code and it deletes the default dimensions for the item and corresponding dimension.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/items({itemId})/defaultDimensions({itemId},
{dimensionId})
```

Response

No Content.

See also

Tips for working with the APIs

Item
Create item defaultDimensions

Update item defaultDimensions

Get item defaultDimensions

itemCategories resource type

2 minutes to read

Represents a category for a number of items in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET itemCategories	itemCategories	Get an item category.
POST itemCategories	itemCategories	Create an item category.
PATCH itemCategories	itemCategories	Update an item category.
DELETE itemCategories	none	Delete an item category.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the itemCategory. Non-editable.
code	string	The itemCategory code.
displayName	string	The itemCategories display name.
lastModifiedDateTime	datetime	The last datetime the itemCategory was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the itemCategories.

```
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get itemCategories

2 minutes to read

Retrieve the properties and relationships of an item category object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/itemCategories({id})
GET businesscentralPrefix/companies({id})/item({id})/itemcategory
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **itemCategories** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/itemCategories({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "CHAIR",
  "displayName": "Office Chair",
  "lastModifiedDateTime": "2017-03-15T02:21:24.047Z"
}
```

See also

Tips for working with the APIs

Error Codes
Item Categories
Create Item Categories
Update Item Categories
Delete Item Categories

Create itemCategories

2 minutes to read

Create an item category object Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/itemCategories
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of an **itemCategories** object.

Response

If successful, this method returns `201 Created` response code and an **itemCategories** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/itemCategories
Content-type: application/json

{
  "code": "CHAIR",
  "displayName": "Office Chair"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "CHAIR",
  "displayName": "Office Chair",
  "lastModifiedDateTime": "2017-03-15T02:21:24.047Z"
}
```

See also

Tips for working with the APIs

Item Categories
Get Item Categories
Update Item Categories
Delete Item Categories

Update itemCategories

2 minutes to read

Update the properties of an item category object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/itemCategories({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **itemCategories**, the **itemCategories** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **itemCategories** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/itemCategories({id})
Content-type: application/json

{
  "displayName": "Office Chair - swivel"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "CHAIR",
  "displayName": "Office Chair - swivel",
  "lastModifiedDateTime": "2017-03-15T02:21:24.047Z"
}
```

See also

Tips for working with the APIs

Error Codes
Item Categories
Get Item Categories
Create Item Categories
Delete Item Categories

Delete itemCategories

2 minutes to read

Delete an itemCategory from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/itemCategories({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **itemCategories**, the **itemCategories** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/itemCategories({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](Tips%20for%20working%20with%20the%20APIs)

journal resource type

2 minutes to read

Represents a journal in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET journal	journal	Gets a journal.
POST journal	journal	Creates a journal.
PATCH journal	journal	Updates a journal.
DELETE journal	none	Deletes a journal.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the journal. Non-editable.
code	string, maximum size 10	The code of the journal.
displayName	string, maximum size 50	The display name of the journal.
lastModifiedDateTime	datetime	The last datetime the journal was modified. Read-Only.

Bound actions

The journal resource type offers a bound action called `post` which posts the corresponding general journal batch.

Posting the general journal batch is illustrated in the following example:

```
POST https://<server address>:<server API port>/<server instance
name>/api/v1.0/companies({id})/journals({id})/Microsoft.NAV.post
```
.

The response has no content; the response code is 204.

JSON representation

Here is a JSON representation of the resource.

```
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Journal
Create Journal
Update Journal
Delete Journal

Get journals

2 minutes to read

Retrieve the properties and relationships of a journal object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/journals({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **journals** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/journals({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "DEFAULT",
  "displayName": "Default Journal Batch",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs

Journal
Create Journal
Update Journal
Delete Journal

Create journals

2 minutes to read

Creates a journal in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/journals({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **journals** object.

Response

If successful, this method returns `201 Created` response code and a **journals** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/journals
Content-type: application/json
```json
{
  "code": "DEFAULT"
}
```

Response

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "DEFAULT",
  "displayName": "Default Journal Batch",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs
Graph Reference

Journal
Get Journal
Update Journal
Delete Journal

Update journals

2 minutes to read

Update the properties of a journal object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
PATCH businesscentralPrefix/companies({id})/journals({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **journals**, the **journals** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **journals** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/journals({id})
Content-type: application/json

{
  "code": "EXPENSE",
  "displayName": "Expense Batch"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "EXPENSE",
  "displayName": "Expense Batch",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs

Journal
Get Journal
Create Journal
Delete Journal

Delete journals

2 minutes to read

Delete a journal from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({id})/journals({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **journals**, the **journals** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/journals({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](#)

Journal
Get Journal
Create Journal
Update Journal

journalLines resource type

2 minutes to read

Represents a line in a journal in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET journalLines	journalLines	Gets a journal line.
POST journalLines	journalLines	Creates a journal line.
PATCH journalLines	journalLines	Updates a journal line.
DELETE journalLines	none	Deletes a journal line.

Navigation

|attachments|paymentTerm |Attach documents to journalLine . | |account|paymentMethod |Gets the account. |

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the journal line. Non-editable.
journalDisplayName	string, maximum size 10	The display name of the journal that this line belongs to. Read-Only.
lineNumber	integer	The number of the journal line.
accountId	GUID	The unique ID of the account that the journal line is related to.
accountNumber	string, maximum size 20	The number of the account that the journal line is related to.
postingDate	date	The date that the journal line is posted.
documentNumber	string, maximum size 20	Specifies a document number for the journal line.

PROPERTY	TYPE	DESCRIPTION
externalDocumentNumber	string, maximum size 20	Specifies an external document number for the journal line.
amount	decimal	Specifies the total amount (including VAT) that the journal line consists of.
description	string, maximum size 50	The description of the journal line, provided by the user or autocreated.
comment	string, maximum size 250	A user specified comment on the journal line.
lastModifiedDateTime	datetime	The last datetime the journal line was modified. Read-Only.

Relationships

A journal line is a subpage of a journal. It cannot be accessed directly.

A journal line can be a "Parent Entity" of the dimension lines.

An Account (accountId) must exist in the Accounts table.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "journalDisplayName": "string",
    "lineNumber": "integer",
    "accountId": "GUID",
    "accountNumber": "string",
    "postingDate": "date",
    "documentNumber": "string",
    "externalDocumentNumber": "string",
    "amount": "decimal",
    "description": "string",
    "comment": "string",
    "lastModifiedDateTime": "datetime"
}
```

See also

Journal Line
Get Journal Line
Create Journal Line
Update Journal Line
Delete Journal Line

Get journalLines

2 minutes to read

Retrieve the properties and relationships of a journal line object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/journals({id})/journalLines({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **journalLines** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/journals({id})/journalLines({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "id": "id-value",
  "journalDisplayName": "DEFAULT",
  "lineNumber": 10000,
  "accountId": "id-value",
  "accountNumber": "10400",
  "postingDate": "2015-12-31",
  "documentNumber": "1234",
  "externalDocumentNumber": "",
  "amount": 1500,
  "description": "Accounts Receivable",
  "comment": "",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Journal Line
Create Journal Line
Update Journal Line
Delete Journal Line

Create journalLines

2 minutes to read

Creates a journal line object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/journals({id})/journalLines({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **journalLines** object.

Response

If successful, this method returns `201 Created` response code and **journalLines** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/journals({id})/journalLines
Content-type: application/json

{
  "lineNumber": 10000,
  "accountId": "id-value",
  "accountNumber": "10400",
  "postingDate": "2015-12-31",
  "documentNumber": "1234",
  "externalDocumentNumber": "",
  "amount": 1500,
  "description": "Accounts Receivable",
  "comment": ""
}
```

Response

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "journalDisplayName": "DEFAULT",
  "lineNumber": 10000,
  "accountId": "id-value",
  "accountNumber": "10400",
  "postingDate": "2015-12-31",
  "documentNumber": "1234",
  "externalDocumentNumber": "",
  "amount": 1500,
  "description": "Accounts Receivable",
  "comment": "",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs
Graph Reference

Journal Line
Get Journal Line
Update Journal Line
Delete Journal Line

Update journalLines

2 minutes to read

Update the properties of a journal lines object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
PATCH businesscentralPrefix/companies({id})/journals({id})/journalLines({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **journalLines**, the **journalLines** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **journalLines** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/journals({id})/journalLines({id})
Content-type: application/json

{
  "amount": 2000
}
```

Response

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "journalDisplayName": "DEFAULT",
  "lineNumber": 10000,
  "accountId": "",
  "accountNumber": "",
  "postingDate": "2015-12-31",
  "documentNumber": "D00001",
  "externalDocumentNumber": "",
  "amount": 2000,
  "description": "",
  "comment": "",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Journal Line
Get Journal Line
Create Journal Line
Delete Journal Line

Delete journalLines

2 minutes to read

Delete a journal line object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/journals({id})/journalLines({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **journalLines**, the **journalLines** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/journals({id})/journalLines({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Journal Line
Get Journal Line
Create Journal Line
Update Journal Line

paymentMethods resource type

2 minutes to read

Represents a method of payment in Dynamics 365 Business Central, such as PayPal, credit card, and bank account.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET paymentMethods	paymentMethods	Gets a payment method object.
POST paymentMethods	paymentMethods	Creates a payment method object.
PATCH paymentMethods	paymentMethods	Updates a payment method object.
DELETE paymentMethods	none	Deletes a payment method object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the paymentMethods. Non-editable.
code	string	Specifies the payment method code.
displayName	string	Specifies the payment method display name.
lastModifiedDateTime	datetime	The last datetime the payment method was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the paymentMethods.

```
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Payment Methods
Create Payment Methods
Update Payment Methods
Delete Payment Methods

Get paymentMethods

2 minutes to read

Retrieve the properties and relationships of a payment method object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/paymentMethods({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **paymentMethods** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/paymentMethods({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "CHECK",
  "displayName": "Check payment",
  "lastModifiedDateTime": "2017-03-22T08:35:48.33Z"
}
```

See also

Tips for working with the APIs

Payment Methods
Create Payment Methods
Update Payment Methods
Delete Payment Methods

Create paymentMethods

2 minutes to read

Create a payment method object in DDynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/paymentMethods
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **paymentMethods** object.

Response

If successful, this method returns `201 Created` response code and a **paymentMethods** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/paymentMethods
Content-type: application/json

{
  "code": "CHECK",
  "displayName": "Check payment"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "CHECK",
  "displayName": "Check payment",
  "lastModifiedDateTime": "2017-03-22T08:35:48.33Z"
}
```

See also

Tips for working with the APIs
Graph Reference

Payment Methods
Get Payment Methods
Update Payment Methods
Delete Payment Methods

Update paymentMethods

2 minutes to read

Update the properties of a payment method object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/paymentMethods({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **paymentMethods**, the **paymentMethods** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **paymentMethods** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/paymentMethods({id})
Content-type: application/json

{
  "displayName": "Personal Check Payment",
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "CHECK",
  "displayName": "Personal Check Payment",
  "lastModifiedDateTime": "2017-03-22T08:35:48.33Z"
}
```

See also

Tips for working with the APIs

Payment Methods
Get Payment Methods
Create Payment Methods
Delete Payment Methods

Delete paymentMethods

2 minutes to read

Delete a payment method object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/paymentMethods({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **paymentMethods**, the **paymentMethods** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/paymentMethods({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](Tips%20for%20working%20with%20the%20APIs)

Payment Methods
Get Payment Methods
Create Payment Methods
Update Payment Methods

paymentTerms resource type

2 minutes to read

Represents a payment term in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET paymentTerms	paymentTerms	Get a payment terms object.
POST paymentTerms	paymentTerms	Create a payment terms object.
PATCH paymentTerms	paymentTerms	Update a payment terms object.
DELETE paymentTerms	none	Delete a payment terms object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the paymentTerms. Non-editable.
code	string	Specifies the payment term code.
displayName	string	Specifies the payment term display name.
dueDateCalculation	string	Specifies the formula that is used to calculate the date that a payment must be made.
discountDateCalculation	string	Specifies the formula that is used to calculate the date that a payment must be made in order to obtain a discount.
discountPercent	decimal	Specifies the discount percentage that is applied for early payment of an invoice amount.
calculateDiscountOnCreditMemos	boolean	Specifies if the discount should be applied to credit memos. **True** indicates a discount will be given, **false** indicates a discount will not be given.

PROPERTY	TYPE	DESCRIPTION
lastModifiedDateTime	datetime	The last datetime the paymentTerms was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the paymentTerms.

```
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "dueDateCalculation": "string",
  "discountDateCalculation": "string",
  "discountPercent": "decimal",
  "calculateDiscountOnCreditMemos": "boolean",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Payment Terms
Create Payment Terms
Update Payment Terms
Delete Payment Terms

Get paymentTerms

2 minutes to read

Retrieve the properties and relationships of a payment terms object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/paymentTerms({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **paymentTerms** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/paymentTerms({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "7 DAYS",
  "displayName": "Net 7 days",
  "dueDateCalculation": "7D",
  "discountDateCalculation": "",
  "discountPercent": 0,
  "calculateDiscountOnCreditMemos": false,
  "lastModifiedDateTime": "2017-03-15T02:20:55.203Z"
}
```

See also

Tips for working with the APIs

Payment Terms
Create Payment Terms
Update Payment Terms
Delete Payment Terms

Create paymentTerms

2 minutes to read

Create a payment terms object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/paymentTerms
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **paymentTerms** object.

Response

If successful, this method returns `201 Created` response code and a **paymentTerms** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/paymentTerms
Content-type: application/json

{
  "code": "7 DAYS",
  "displayName": "Net 7 days",
  "dueDateCalculation": "7D",
  "discountDateCalculation": "",
  "discountPercent": 0,
  "calculateDiscountOnCreditMemos": false
}
```

Response

Here is an example of the response.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "7 DAYS",
  "displayName": "Net 7 days",
  "dueDateCalculation": "7D",
  "discountDateCalculation": "",
  "discountPercent": 0,
  "calculateDiscountOnCreditMemos": false,
  "lastModifiedDateTime": "2017-03-03T02:14:32Z"
}
```

See also

Tips for working with the APIs
Graph Reference

Payment Terms
Get Payment Terms
Update Payment Terms
Delete Payment Terms

Update paymentTerms

2 minutes to read

Update the properties of a payment terms object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
PATCH businesscentralPrefix/companies({id})/paymentTerms({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **paymentTerms**, the **paymentTerms** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **paymentTerms** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/paymentTerms({id})
Content-type: application/json

{
  "displayName": "Net 7 days with Discount",
  "discountPercent": 10
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "7 DAYS",
  "displayName": "Net 7 days with Discount",
  "dueDateCalculation": "7D",
  "discountDateCalculation": "",
  "discountPercent": 10,
  "calculateDiscountOnCreditMemos": false,
  "lastModifiedDateTime": "2017-03-15T02:20:55.203Z"
}
```

See also

Tips for working with the APIs

Payment Terms
Get Payment Terms
Create Payment Terms
Delete Payment Terms

Delete paymentTerms

2 minutes to read

Delete a payment terms object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/paymentTerms({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **paymentTerms**, the **paymentTerms** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/paymentTerms({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Payment Terms
Get Payment Terms
Create Payment Terms
Update Payment Terms

picture resource type

2 minutes to read

Represents a picture in Dynamics 365 Business Central. You can save the stream as an image directly.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET picture	picture	Gets a picture object.
POST picture	picture	Creates a picture object.
PATCH picture	picture	Updates a picture object.
DELETE picture	none	Deletes a picture object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	ID of the entity that picture belongs to. Non-editable.
width	numeric	The picture width.
height	numeric	The picture height.
contentType	MIME	Image type.
content@odata.mediaEditLink		Link to upload raw image data
content@odata.mediaReadLink		Link to download raw image data

JSON representation

Here is a JSON representation of the resource.

```
{
  "id": "d0e5d5da-795a-4924-b376-13665f794cdd",
  "width": 500,
  "height": 496,
  "contentType": "image\jpeg",
  "content@odata.mediaEditLink": "https:\\api.businesscentral.dynamics-
tie.com\v1.0\api\beta\companies(55c438d0-2f5c-44a0-9965-20b4923d0bef)\items(d0e5d5da-795a-4924-b376-
13665f794cdd)\picture(d0e5d5da-795a-4924-b376-13665f794cdd)\content",
  "content@odata.mediaReadLink": "https:\\api.businesscentral.dynamics-
tie.com\v1.0\api\beta\companies(55c438d0-2f5c-44a0-9965-20b4923d0bef)\items(d0e5d5da-795a-4924-b376-
13665f794cdd)\picture(d0e5d5da-795a-4924-b376-13665f794cdd)\content"
}
```

See also

Get Picture
Create Picture
Update Picture
Delete Picture

Get picture

2 minutes to read

Retrieve the properties and relationships of a picture object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).s

```
GET businesscentralPrefix/companies({companyId})/items({itemId})/picture
GET businesscentralPrefix/companies({companyId})/employee({employeeId})/picture
GET businesscentralPrefix/companies({companyId})/vendor({vendorId})/picture
GET businesscentralPrefix/companies({companyId})/customer({customerId})/picture
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Response

If successful, this method returns a `200 OK` response code and a **picture** object in the response body.

Example

Request

Here is an example of the request.

GET Metadata

```
GET https://{businesscentralPrefix}/api/v1.0/companies(companyId)/items(itemId)/picture(itemId)
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "d0e5d5da-795a-4924-b376-13665f794cdd",
  "width": 500,
  "height": 496,
  "contentType": "image\jpeg",
  "content@odata.mediaEditLink": "https:\\api.businesscentral.dynamics-
tie.com\v1.0\api\beta\companies(55c438d0-2f5c-44a0-9965-20b4923d0bef)\items(d0e5d5da-795a-4924-b376-
13665f794cdd)\picture(d0e5d5da-795a-4924-b376-13665f794cdd)\content",
  "content@odata.mediaReadLink": "https:\\api.businesscentral.dynamics-
tie.com\v1.0\api\beta\companies(55c438d0-2f5c-44a0-9965-20b4923d0bef)\items(d0e5d5da-795a-4924-b376-
13665f794cdd)\picture(d0e5d5da-795a-4924-b376-13665f794cdd)\content"
}
```

GET Content

```
GET https://{businesscentralPrefix}/api/v1.0/companies(companyId)/items(itemId)/picture(itemId)/content
```

Response

Body is the raw image data.

See also

Tips for working with the APIs

Error Codes

Error Codes
Picture
Create Picture
Update Picture
Delete Picture

Create picture

2 minutes to read

Creates the properties and relationships of a picture object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({companyId})/items({itemId})/picture({pictureId})/content
PATCH businesscentralPrefix/companies({companyId})/vendors({vendorId})/picture({pictureId})/content
PATCH businesscentralPrefix/companies({companyId})/employees({employeeId})/picture({pictureId})/content
PATCH businesscentralPrefix/companies({companyId})/customers({customerId})/picture({pictureId})/content
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/octet-stream
If-Match	*

Request body

Raw picture binary data.

Response

If successful, this method returns a `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies(companyId)/items(itemId)/picture(itemId)/content
```

Response

No content.

See also

Tips for working with the APIs
Error Codes

Picture
Get Picture
Update Picture
Delete Picture

Update picture

2 minutes to read

Updates the properties and relationships of a picture object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
PATCH businesscentralPrefix/companies({companyId})/items({itemId})/picture({pictureId})/content
PATCH businesscentralPrefix/companies({companyId})/vendors({vendorId})/picture({pictureId})/content
PATCH businesscentralPrefix/companies({companyId})/employees({employeeId})/picture({pictureId})/content
PATCH businesscentralPrefix/companies({companyId})/customers({customerId})/picture({pictureId})/content
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/octet-stream
If Match	When this request header is included and the eTag provided does not match the current tag on the picture, the picture will not be updated.

Request body

Raw picture binary data.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies(companyId)/items(itemId)/picture(itemId)/content
```

Response

No response.

See also

Tips for working with the APIs

Error Codes

Delete picture

2 minutes to read

Deletes the properties and relationships of a picture object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({companyId})/items({itemId})/picture({pictureId})
DELETE businesscentralPrefix/companies({companyId})/vendors({vendorId})/picture({pictureId})
DELETE businesscentralPrefix/companies({companyId})/employees({employeeId})/picture({pictureId})
DELETE businesscentralPrefix/companies({companyId})/customers({customerId})/picture({pictureId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	When this request header is included and the eTag provided does not match the current tag on the picture, the picture will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `204 No Content` response code. It does not return anything in the response body.

The metadata will be updated on the same link.

Example

Request

Here is an example of the request.

```
DELETE https://api.businesscentral.dynamics-
tie.com/v1.0/api/v1.0/companies(companyId)/customers(customerId)/picture(pictureId)
```

Response

No content.

See also

Tips for working with the APIs

purchaseInvoices resource type

2 minutes to read

Represents a purchase invoice in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET purchaseInvoices	purchaseInvoices	Gets a purchase invoice object.
POST purchaseInvoices	purchaseInvoices	Creates a purchase invoice object.
PATCH purchaseInvoices	purchaseInvoices	Updates a purchase invoice object.
DELETE purchaseInvoices	none	Deletes a purchase invoice object.

Bound actions

ACTION	RETURN TYPE	DESCRIPTION
GET pdfDocument	pdfDocument	Gets a PDF document.

Properties

PROPERTY	TYPE	DESCRIPTION	
id	GUID	The invoice ID. Read-Only.	
number	string, maximum size 20	The invoice number. Read-Only.	
invoiceDate	date	The invoice date	
dueDate	date	The date the invoice is due.	
vendorInvoiceNumber	string, maximum size 35	The vendor sales order reference for the invoice	
vendorId	GUID	The id of the invoice vendor.	
vendorNumber	string, maximum size 20	The vendor number for the invoice.	

PROPERTY	TYPE	DESCRIPTION	
vendorName	string, maximum size 50	The full name of the vendor. Read-Only.	
buyFromAddress	NAV.PostalAddress	The vendor's address.	
currencyId	GUID	The currency Id for the invoice.	
currencyCode	string, maximum size 10	The currency code for the invoice.	
status	string, maximum size 20	The invoice status. Status can be: Draft, In Review, Open, Paid, Canceled, or Corrective. Read-Only.	
discountAmount	numeric	The invoice discount amount	
discountAppliedBeforeTax	boolean	Specifies whether the discount is applied before tax.	
totalAmountExcludingTax	numeric	The total amount excluding tax. Read-Only.	
totalTaxAmount	numeric	The total tax amount for the invoice. Read-Only.	
totalAmountIncludingTax	numeric	The total amount for the invoice, including tax. Read-Only.	
pricesIncludeTax	boolean	Specifies whether the prices include Tax or not. Read-Only.	
paymentTerms	string, maximum size 10	The payment terms of the invoice.	
shipmentMethod	string, maximum size 10	The shipment method of the invoice.	
payToName	string, maximum size 100	Pay to name of the invoice.	
payToContact	string, maximum size 100	Pay to contact	
payToVendorId	GUID	Pay to vendor id.	
payToVendorNumber	string, maximum size 20	Pay to vendor number	
shipToName	string, maximum size 100	Ship to name.	
shipToContact	string, maximum size 100	Ship to contact.	

PROPERTY	TYPE	DESCRIPTION	
buyFromAddress	NAV.postalAddressType	Buy from address.	
payToAddress		NAV.postalAddressType	Pay to address.
shipToAddress		NAV.postalAddressType	Ship to address.
lastModifiedDateTime	datetime	The last datetime the purchase invoice was modified. Read-Only.	

Relationships

A Currency (currencyCode) must exist in the Currencies table.

A Payment Term (paymentTerms) must exist in the Payment Terms table.

A Shipment Method (shipmentMethod) must exist in the Shipment Method table.

A Vendor (vendorId) must exist in the Vendor table.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "invoiceDate": "Date",
    "dueDate": "Date",
    "vendorInvoiceNumber": "string",
    "vendorId": "GUID",
    "vendorNumber": "string",
    "vendorName": "string",
    "currencyCode": "string",
    "status": "string",
    "discountAmount": "decimal",
    "discountAppliedBeforeTax": "boolean",
    "totalAmountExcludingTax": "decimal",
    "pricesIncludeTax": "boolean",
    "totalTaxAmount": "decimal",
    "totalAmountIncludingTax": "decimal",
    "buyFromAddress": {NAV.PostalAddress},
    "paymentTermsId": "GUID",
    "shipmentMethod": "string",
    "lastModifiedDateTime": "DateTime"
}
```

See also

Purchase Invoice
Get Purchase Invoice
Create Purchase Invoice
Update Purchase Invoice
Delete Purchase Invoice

Get purchaseInvoices

2 minutes to read

Retrieve the properties and relationships of a purchase invoice object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/purchaseInvoices({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **purchaseInvoices** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/purchaseInvoices({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "number": "1009",
  "invoiceDate": "2015-12-31",
  "dueDate": "2016-01-31",
  "vendorInvoiceNumber": "",
  "vendorId": "vendorId-value",
  "vendorNumber": "GL00000008",
  "vendorName": "GL00000008",
  "buyFromAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethod": "",
  "pricesIncludeTax": false,
  "discountAmount": 0,
  "discountAppliedBeforeTax": true,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "status": "Draft",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Purchase Invoice
Create Purchase Invoice
Update Purchase Invoice
Delete Purchase Invoice

Create purchaseInvoices

2 minutes to read

Create a purchase invoice report object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/purchaseInvoices
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **purchaseInvoices** object.

Response

If successful, this method returns `201 Created` response code and a **purchaseInvoices** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/purchaseInvoices
Content-type: application/json

{
  "id": "id-value",
  "number": "1009",
  "invoiceDate": "2015-12-31",
  "vendorNumber": "GL00000008",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

See also

Tips for working with the APIs

Purchase Invoice
Get Purchase Invoice
Update Purchase Invoice
Delete Purchase Invoice

Update purchaseInvoices

2 minutes to read

Update the properties of a purchase invoices object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/purchaseInvoices({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **purchaseInvoices**, the **purchaseInvoices** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **purchaseInvoices** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/purchaseInvoices({id})
Content-type: application/json

{
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "1009",
  "invoiceDate": "2015-12-31",
  "dueDate": "2016-01-31",
  "vendorInvoiceNumber": "",
  "vendorId": "vendorId-value",
  "vendorNumber": "GL00000008",
  "vendorName": "GL00000008",
  "buyFromAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethod": "",
  "pricesIncludeTax": false,
  "discountAmount": 0,
  "discountAppliedBeforeTax": true,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "status": "Draft",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Purchase Invoice
Get Purchase Invoice
Create Purchase Invoice
Delete Purchase Invoice

Delete purchaseInvoices

2 minutes to read

Delete a purchase invoice object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/purchaseInvoices({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **purchaseInvoices**, the **purchaseInvoices** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/purchaseInvoices({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

purchaseInvoiceLines resource type

2 minutes to read

Represents a line on a purchase invoice in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET purchaseInvoiceLines	purchaseInvoiceLines	Gets a purchase invoice line object.
POST purchaseInvoiceLines	purchaseInvoiceLines	Creates a purchase invoice line object.
PATCH purchaseInvoiceLines	purchaseInvoiceLines	Updates a purchase invoice line object.
DELETE purchaseInvoiceLines	none	Deletes a purchase invoice line object.

Properties

PROPERTY	TYPE	DESCRIPTION
documentId	GUID	The ID of the parent invoice.
sequence	numeric	The line sequence number.
itemId	GUID	The Id of the item in the invoice line.
accountId	GUID	The Id of the Account that will be used for this line. lineType will automatically be set to "Account" if this is set.
lineType	string	The type of the line. Can be Comment,Account,Item,Resource,Fixed Asset,Charge
lineDetails	complex	The details of the line.
description	string	A description of the item in the invoice line.
unitOfMeasure	NAV.UnitOfMeasure	The unit of measure complex type.
unitCost	numeric	The unit cost of each individual item in the invoice line.

PROPERTY	TYPE	DESCRIPTION
quantity	numeric	The quantity of the item in the invoice line.
discountAmount	numeric	The line discount amount.
discountPercent	numeric	The line discount percent.
discountAppliedBeforeTax	boolean	Specified if the discount is applied before tax. Read-Only.
amountExcludingTax	numeric	The line amount excluding the tax. Read-Only.
taxCode	string	The tax code for the line.
taxPercent	numeric	The tax percent for the line. Read-Only.
totalTaxAmount	numeric	The total tax amount for the line. Read-Only.
amountIncludingTax	numeric	The total amount for the line including tax. Read-Only.
invoiceDiscountAllocation	numeric	The invoice discount allocation is the invoice discount distributed on the total amount. Read-Only.
netAmount	numeric	The net amount is the amount including all discounts (taken from invoice header). Read-Only.
netTaxAmount	numeric	The net tax amount is the tax amount calculated from net amount. Read-Only.
netAmountIncludingTax	numeric	The net amount including tax is the total net amount including tax. Read-Only.
expectedReceiptDate	date	The date the item in the line is expected to be received.

Relationships

A Purchase Invoice (documentId) must exist in the Purchase Invoices table.

An Item (itemId) must exist in the Item table.

An Account (accountId) must exist in the Accounts table.

A Unit of Measure (unitOfMeasure) must exist in the Unit of Measure table.

JSON representation

Here is a JSON representation of the resource.

```
    "value": [
      {
        "documentId": "GUID",
        "sequence": "decimal",
        "itemId": "GUID",
        "accountId": "GUID",
        "lineType": "String",
        "lineDetails": {NAV.documentLineObjectDetails},
        "description": "String",
        "unitOfMeasure": {NAV.UnitOfMeasure},
        "directUnitCost": "decimal",
        "unitCost": "decimal",
        "quantity": "decimal",
        "discountAmount": "decimal",
        "discountPercent": "decimal",
        "discountAppliedBeforeTax": "boolean",
        "amountExcludingTax": "decimal",
        "taxCode": "String",
        "taxPercent": "decimal",
        "totalTaxAmount": "decimal",
        "amountIncludingTax": "decimal",
        "invoiceDiscountAllocation": "decimal",
        "netAmount": "decimal",
        "netTaxAmount": "decimal",
        "netAmountIncludingTax": "decimal",
        "expectedReceiptDate": "Date"
      }
    ]
```

See also

Get Purchase Invoice Line
Create Purchase Invoice Line
Update Purchase Invoice Line
Delete Purchase Invoice Line

Get purchaseInvoiceLines

2 minutes to read

Retrieve the properties and relationships of a purchase invoice line object for Dynamics 365 Business Central.

Prerequisites

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/purchaseInvoices({id})/purchaseInvoiceLines({purchaseInvoiceLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **purchaseInvoiceLines** object in the response body.

Example

Request

Here is an example of the request.

```
GET
https://{businesscentralPrefix}/api/v1.0/companies({id})/purchaseInvoices({id})/purchaseInvoiceLines({purchase
InvoiceLineId})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "GL000009",
    "displayName": "GL000009"
  },
  "description": "someText",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "unitCost": 71.1,
  "quantity": 96,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6825.6,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 682.56,
  "amountIncludingTax": 7508.16,
  "invoiceDiscountAllocation": 0,
  "netAmount": 6825.6,
  "netTaxAmount": 682.56,
  "netAmountIncludingTax": 7508.16,
  "expectedReceiptDate": "2015-02-24"
}
```

See also

Tips for working with the APIs

Purchase Invoice Line
Create Purchase Invoice Line
Update Purchase Invoice Line
Delete Purchase Invoice Line

Create purchaseInvoiceLines

2 minutes to read

Create a purchase invoice line object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
POST businesscentralPrefix/companies({id})/purchaseInvoices({id})/purchaseInvoiceLines
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **purchaseInvoiceLines** object.

Response

If successful, this method returns `201 Created` response code and a **purchaseInvoiceLines** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/purchaseInvoices({id})/purchaseInvoiceLines
Content-type: application/json

{
"itemId": "id-value",
"lineType": "Item",
"quantity": 9
}
```

See also

[Tips for working with the APIs](#)

[Purchase Invoice Line](#)
[Get Purchase Invoice Line](#)
[Update Purchase Invoice Line](#)

Delete Purchase Invoice Line

Update purchaseInvoiceLines

2 minutes to read

Update the properties of a purchase invoice line object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH
businesscentralPrefix/companies({id})/purchaseInvoices({id})/purchaseInvoiceLines({purchaseInvoiceLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **purchaseInvoiceLines**, the **purchaseInvoiceLines** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **purchaseInvoiceLines** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({id})/purchaseInvoices({id})/purchaseInvoiceLines({purchaseInvoiceLineId})
Content-type: application/json

{
  "description": "someText"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "GL000009",
    "displayName": "GL000009"
  },
  "description": "someText",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "unitCost": 71.1,
  "quantity": 96,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6825.6,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 682.56,
  "amountIncludingTax": 7508.16,
  "invoiceDiscountAllocation": 0,
  "netAmount": 6825.6,
  "netTaxAmount": 682.56,
  "netAmountIncludingTax": 7508.16,
  "expectedReceiptDate": "2015-02-24"
}
```

See also

Tips for working with the APIs

Purchase Invoice Line
Get Purchase Invoice Line
Create Purchase Invoice Line
Delete Purchase Invoice Line

Delete purchaseInvoiceLines

2 minutes to read

Delete a purchase invoice line object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE
businesscentralPrefix/companies({id})/purchaseInvoices({id})/purchaseInvoiceLines({purchaseInvoiceLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **purchaseInvoiceLines**, the **purchaseInvoiceLines** will not be deleted.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({id})/purchaseInvoices({id})/purchaseInvoiceLines({purchaseInvoiceLineId})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Purchase Invoice Line
Get Purchase Invoice Line
Create Purchase Invoice Line
Update Purchase Invoice Line

retainedEarningsStatement resource type

2 minutes to read

Represents an retained earnings statement in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET retainedEarningsStatement	retainedEarningsStatement	Get a retained earnings statement object.

Properties

PROPERTY	TYPE	DESCRIPTION
lineNumber	numeric	The retainedEarningsStatement item line number.
display	string	The retainedEarningsStatement item display name.
netChange	numeric	The retainedEarningsStatement item Net Change.
lineType	string	The retainedEarningsStatement item line type can be: header, detail, total, or spacer.
indentation	numeric	The retainedEarningsStatement item indentation used in report layout.
dateFilter	date	The date filter used to calculate the retainedEarningsStatement items.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "lineNumber": "int",
    "display": "string",
    "netChange": "decimal",
    "lineType": "string",
    "indentation": "int",
    "dateFilter": "date"
}
```

See also

Get Retained Earnings Statement

Get retainedEarningsStatement

2 minutes to read

Retrieve the properties and relationships of a retained earnings statement report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/retainedEarningsStatement
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **retainedEarningsStatement** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/retainedEarningsStatement?
$orderby=lineNumber&$filter=dateFilter ge 2019-01-01 and dateFilter le 2020-12-31
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "lineNumber": 20000,
    "display": "Net Income",
    "netChange": 77770.94,
    "lineType": "detail",
    "indentation": 0,
    "dateFilter": "2016-12-31"
}
```

See also

Tips for working with the APIs

Retained Earnings Statement

salesInvoices resource type

3 minutes to read

Represents a sales invoice in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET salesInvoices	salesInvoices	Gets a sales invoice object.
POST salesInvoices	salesInvoices	Creates a sales invoice object.
PATCH salesInvoices	salesInvoices	Updates a sales invoice object.
DELETE salesInvoices	none	Deletes a sales invoice object.

Navigation

NAVIGATION	RETURN TYPE	DESCRIPTION
pdfDocument	pdfDocument	Gets a PDF document.
currency	currency	Gets the currency.
paymentTerm	paymentTerm	Gets the paymentTerm.
shipmentMethod	shipmentMethod	Gets the method of shipment.
customer	customer	Gets the customer.
salesInvoiceLines	salesInvoiceLines	Gets a line on a sales invoice.

Properties

PROPERTY	TYPE	DESCRIPTION	
id	GUID	The invoice ID. Non-editable.	
number	string, maximum size 20	The invoice number. Read-Only.	

PROPERTY	TYPE	DESCRIPTION	
externalDocumentNumber	string	The external document number	
invoiceDate	date	The invoice date.	
customerPurchaseOrderReference	string, maximum size 35	The customer purchase order reference for the invoice	
dueDate	date	The date the invoice is due.	
customerNumber	string, maximum size 20	The customer number for the invoice.	
contactId	string, maximum size 250	The exchange contact id for the given customer. If a customer id is not specified, we will use the contact id to find it.	
customerId	GUID	The id of the invoice customer.	
customerName	string, maximum size 50	The full name of the customer. Read-Only.	
currencyId	GUID	The id of the invoice currency.	
currencyCode	string, maximum size 10	The currency code for the invoice.	
email	string, maximum size 80	Email for the customer, cash sales	
phone	string, maximum size 30	Phone number for the customer, cash sales	
orderId	GUID	The unique id of the order to which the invoice is associated to. Read-Only.	
orderNumber	string, maximum size 20	The number of the order to which the invoice is associated to. Read-Only.	
status	string, maximum size 20	The invoice status. Status can be: Draft, In Review, Open, Paid, Canceled, or Corrective. Read-Only.	
discountAmount	numeric	The invoice discount amount.	

PROPERTY	TYPE	DESCRIPTION	
discountAppliedBeforeTax	boolean	Specifies whether the discount is applied before tax.	
totalAmountExcludingTax	numeric	The total amount excluding tax. Read-Only.	
totalTaxAmount	numeric	The total tax amount for the invoice. Read-Only.	
totalAmountIncludingTax	numeric	The total amount for the invoice, including tax. Read-Only.	
pricesIncludeTax	boolean	Specifies whether the prices include Tax or not. Read-Only.	
billingPostalAddress	complex	The billing postal address for the invoice.	
paymentTermsId	GUID	The id of the invoice payment term.	
paymentTerms	string, maximum size 10	The payment terms of the invoice.	
shipmentMethodId	GUID	The id of the invoice shipment method.	
shipmentMethod	string, maximum size 10	The shipment method of the invoice.	
salesperson	string, maximum size 20	The salesperson code for the invoice.	
lastModifiedDateTime	datetime	The last datetime the sales invoice was modified. Read-Only.	
billToName	string, maximum length 100	The name of the customer to bill.	
billToCustomerId	GUID	Id of the customer to bill	
billToCustomerNumber	string, maximum length 20	Number of the customer to bill.	
shipToName	string, maximum size 100	Name of the customer in ship to address.	
shipToContact	string, maximum size 100	Ship to contact	

PROPERTY	TYPE	DESCRIPTION	
sellingPostalAddress	Microsoft.NAV.postalAddressType	Selling postal address	
billingPostalAddress	Microsoft.NAV.postalAddressType	Billing postal address	
shippingPostalAddress	Microsoft.NAV.postalAddressType	Shipping postal adress	

Relationships

A Currency (currencyCode) must exist in the Currencies table.

A Payment Term (paymentTerms) must exist in the Payment Terms table.

A Shipment Method (shipmentMethod) must exist in the Shipment Method table.

A Customer (customerId) must exist in the Customer table.

An Order (orderId) must exist in the Sales Orders table.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "invoiceDate": "Date",
    "dueDate": "Date",
    "customerPurchaseOrderReference": "string",
    "customerId": "GUID",
    "contactId": "string",
    "customerNumber": "string",
    "customerName": "string",
    "billingPostalAddress": {NAV.PostalAddress},
    "currencyId": "GUID",
    "currencyCode": "string",
    "orderId": "GUID",
    "orderNumber": "string",
    "paymentTermsId": "GUID",
    "shipmentMethodId": "GUID",
    "shipmentMethod": "string",
    "salesperson": "string",
    "pricesIncludeTax": "boolean",
    "discountAmount": "decimal",
    "discountAppliedBeforeTax": "boolean",
    "totalAmountExcludingTax": "decimal",
    "totalTaxAmount": "decimal",
    "totalAmountIncludingTax": "decimal",
    "status": "string",
    "lastModifiedDateTime": "DateTime"
}
```

See also

Get Sales Invoice
Create Sales Invoice

Update Sales Invoice
Delete Sales Invoice

Get salesInvoices

2 minutes to read

Retrieve the properties and relationships of a sales object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/salesInvoices({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **salesInvoices** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/salesInvoices({id})
```

To get more data for a salesInvoice, use expand:

```
.../salesInvoices({id})?$expand=salesInvoiceLines,customer
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "id": "id-value",
  "number": "1009",
  "invoiceDate": "2015-12-31",
  "dueDate": "2016-01-31",
  "customerPurchaseOrderReference": "",
  "customerId": "customerId-value",
  "contactId": "",
  "customerNumber": "GL00000008",
  "customerName": "GL00000008",
  "billingPostalAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyId": "currencyId-value",
  "currencyCode": "GBP",
  "orderId": "id-value",
  "orderNumber": "",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethodId": "shipmentMethodId-value",
  "shipmentMethod": "",
  "salesperson": "",
  "pricesIncludeTax": false,
  "discountAmount": 0,
  "discountAppliedBeforeTax": true,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "status": "Draft",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Sales Invoice
Create Sales Invoice
Update Sales Invoice
Delete Sales Invoice

Create salesInvoices

2 minutes to read

Create a sales invoice object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/salesInvoices
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **salesInvoices** object.

Response

If successful, this method returns `201 Created` response code and a **salesInvoices** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/salesInvoices
Content-type: application/json

{
  "id": "id-value",
  "number": "1009",
  "invoiceDate": "2015-12-31",
  "customerNumber": "GL00000008",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

See also

Tips for working with the APIs

Sales Invoice

Get Sales Invoice
Update Sales Invoice
Delete Sales Invoice

Update salesInvoices

2 minutes to read

Update the properties of a sales invoice object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/salesInvoices({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesInvoices**, the **salesInvoices** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **salesInvoices** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/salesInvoices({id})
Content-type: application/json

{
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "1009",
  "invoiceDate": "2015-12-31",
  "dueDate": "2016-01-31",
  "customerPurchaseOrderReference": "",
  "customerId": "customerId-value",
  "contactId": "",
  "customerNumber": "GL00000008",
  "customerName": "GL00000008",
  "billingPostalAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyCode": "GBP",
  "orderId": "id-value",
  "orderNumber": "",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethod": "",
  "salesperson": "",
  "pricesIncludeTax": false,
  "discountAmount": 0,
  "discountAppliedBeforeTax": true,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "status": "Draft",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

[Tips for working with the APIs](#)

[Sales Invoice](#)
[Get Sales Invoice](#)
[Create Sales Invoice](#)
[Delete Sales Invoice](#)

Delete salesInvoices

2 minutes to read

Delete a sales invoice object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({id})/salesInvoices({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesInvoices**, the **salesInvoices** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/salesInvoices({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](#)

Sales Invoice
Get Sales Invoice
Create Sales Invoice
Update Sales Invoice

salesInvoiceLines resource type

2 minutes to read

Represents a line on a sales invoice in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET salesInvoiceLines	salesInvoiceLines	Gets a sales invoice line object
POST salesInvoiceLines	salesInvoiceLines	Creates a sales invoice line object.
PATCH salesInvoiceLines	salesInvoiceLines	Updated a sales invoice line object.
DELETE salesInvoiceLines	none	Deletes a sales invoice line object.

Properties

PROPERTY	TYPE	DESCRIPTION
documentId	GUID	The ID of the parent invoice.
sequence	numeric	The line sequence number.
itemId	GUID	The Id of the item in the invoice line.
accountId	GUID	The Id of the Account that will be used for this line. lineType will automatically be set to "Account" if this is set.
lineType	string	The type of the line. Can be Comment,Account,Item,Resource,Fixed Asset,Charge
lineDetails	complex	The details of the line.
description	string	A description of the item in the invoice line.
unitOfMeasureId	GUID	The unit of measure for the invoice line.
unitOfMeasure	NAV.UnitOfMeasure	The unit of measure complex type.

PROPERTY	TYPE	DESCRIPTION
quantity	numeric	The quantity of the item in the invoice line.
unitPrice	numeric	The unit price of each individual item in the invoice line.
discountAmount	numeric	The line discount amount.
discountPercent	numeric	The line discount percent.
discountAppliedBeforeTax	boolean	Specified if the discount is applied before tax. Read-Only.
amountExcludingTax	numeric	The line amount excluding the tax. Read-Only.
taxCode	string	The tax code for the line.
taxPercent	numeric	The tax percent for the line. Read-Only.
totalTaxAmount	numeric	The total tax amount for the line. Read-Only.
amountIncludingTax	numeric	The total amount for the line including tax. Read-Only.
invoiceDiscountAllocation	numeric	The invoice discount allocation is the invoice discount distributed on the total amount. Read-Only.
netAmount	numeric	The net amount is the amount including all discounts (taken from invoice header). Read-Only.
netTaxAmount	numeric	The net tax amount is the tax amount calculated from net amount. Read-Only.
netAmountIncludingTax	numeric	The net amount including tax is the total net amount including tax. Read-Only.
shipmentDate	date	The date the item in the line is expected to ship.

Relationships

A Sales Invoice (documentId) must exist in the Sales Invoices table.

An Item (itemId) must exist in the Item table.

An Account (accountId) must exist in the Accounts table.

A Unit of Measure (unitOfMeasure) must exist in the Unit of Measure table.

JSON representation

Here is a JSON representation of the resource.

```json
"value": [
  {
    "documentId": "GUID",
    "sequence": "decimal",
    "itemId": "GUID",
    "accountId": "GUID",
    "lineType": "string",
    "lineDetails": {NAV.documentLineObjectDetails},
    "description": "string",
    "unitOfMeasureId": "GUID",
    "unitOfMeasure": {NAV.UnitOfMeasure},
    "unitPrice": "decimal",
    "quantity": "decimal",
    "discountAmount": "decimal",
    "discountPercent": "decimal",
    "discountAppliedBeforeTax": "boolean",
    "amountExcludingTax": "decimal",
    "taxCode": "string",
    "taxPercent": "decimal",
    "totalTaxAmount": "decimal",
    "amountIncludingTax": "decimal",
    "invoiceDiscountAllocation": "decimal",
    "netAmount": "decimal",
    "netTaxAmount": "decimal",
    "netAmountIncludingTax": "decimal",
    "shipmentDate": "Date"
  }
]
```

See also

Get Sales Invoice Line
Create Sales Invoice Line
Update Sales Invoice Line
Delete Sales Invoice Line

Get salesInvoiceLines

2 minutes to read

Retrieve the properties and relationships of a sales invoice line object for Dynamics 365 Business Central.

Prerequisites

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/salesInvoices({id})/salesInvoiceLines({salesInvoiceLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **salesInvoiceLines** object in the response body.

Example

Request

Here is an example of the request.

```
GET
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesInvoices({id})/salesInvoiceLines({salesInvoiceLineId})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "id": "id-value",
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "GL000009",
    "displayName": "GL000009",
    "description": null
  },
  "description": "someText",
  "unitOfMeasureId": "id-value",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "unitPrice": 71.1,
  "quantity": 96,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6825.6,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 682.56,
  "amountIncludingTax": 7508.16,
  "invoiceDiscountAllocation": 0,
  "netAmount": 6825.6,
  "netTaxAmount": 682.56,
  "netAmountIncludingTax": 7508.16,
  "shipmentDate": "2015-02-24"
}
```

See also

Tips for working with the APIs

Sales Invoice Line
Create Sales Invoice Line
Update Sales Invoice Line
Delete Sales Invoice Line

Create salesInvoiceLines

2 minutes to read

Create a sales invoice line object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/salesInvoices({id})/salesInvoiceLines
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **salesInvoiceLines** object.

Response

If successful, this method returns `201 Created` response code and a **salesInvoiceLines** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/salesInvoices({id})/salesInvoiceLines
Content-type: application/json

{
"itemId": "id-value",
"lineType": "Item",
"quantity": 9
}
```

See also

Tips for working with the APIs

Sales Invoice Line
Get Sales Invoice Line
Update Sales Invoice Line

Delete Sales Invoice Line

Update salesInvoiceLines

2 minutes to read

Update the properties of a sales invoice line object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/salesInvoices({id})/salesInvoiceLines({salesOrderLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesInvoiceLines**, the **salesInvoiceLines** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **salesInvoiceLines** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesInvoices{id}/salesInvoiceLines({salesOrderLineId})
Content-type: application/json

{
  "description": "someText"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "GL000009",
    "displayName": "GL000009",
    "description": null
  },
  "description": "someText",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "unitPrice": 71.1,
  "quantity": 96,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6825.6,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 682.56,
  "amountIncludingTax": 7508.16,
  "invoiceDiscountAllocation": 0,
  "netAmount": 6825.6,
  "netTaxAmount": 682.56,
  "netAmountIncludingTax": 7508.16,
  "shipmentDate": "2015-02-24"
}
```

See also

Tips for working with the APIs

Sales Invoice Line
Get Sales Invoice Line
Create Sales Invoice Line
Delete Sales Invoice Line

Delete salesInvoiceLines

2 minutes to read

Delete a sales invoice line object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/salesInvoices({id})/salesInvoiceLines({salesOrderLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesInvoiceLines**, the **salesInvoiceLines** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesInvoices({id})/salesInvoiceLines({salesOrderLineId})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Sales Invoice Line
Get Sales Invoice Line
Create Sales Invoice Line
Update Sales Invoice Line

salesCreditMemos resource type

2 minutes to read

Represents a sales credit memo in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET salesCreditMemos	salesCreditMemos	Gets a sales credit memo object.
POST salesCreditMemos	salesCreditMemos	Creates a sales credit memo object.
PATCH salesCreditMemos	salesCreditMemos	Update a sales credit memo object.
DELETE salesCreditMemos	none	Delete a sales credit memo object.

Bound actions

ACTION	RETURN TYPE	DESCRIPTION
GET pdfDocument	pdfDocument	Gets a PDF document.

Properties

PROPERTY	TYPE	DESCRIPTION	
id	GUID	The credit memo ID. Non-editable.	
number	string, maximum size 20	The credit memo number. Read-Only.	
creditMemoDate	date	The credit memo date	
dueDate	date	The date the credit memo is due.	
customerId	GUID	The id of the credit memo customer.	

PROPERTY	TYPE	DESCRIPTION	
contactId	string, maximum size 250	The exchange contact id for the given customer. If a customer id is not specified, we will use the contact id to find it.	
customerNumber	string, maximum size 20	The customer number for the credit memo.	
customerName	string, maximum size 50	The full name of the customer. Read-Only.	
currencyId	GUID	The id of the credit memo currency.	
currencyCode	string, maximum size 10	The currency code for the credit memo.	
paymentTermsId	GUID	The id of the credit memo payment term.	
paymentTerms	string, maximum size 10	The payment terms of the credit memo.	
salesperson	string, maximum size 20	The salesperson code for the credit memo.	
pricesIncludeTax	boolean	Specifies whether the prices include Tax or not. Read-Only.	
discountAmount	numeric	The credit memo discount amount	
discountAppliedBeforeTax	boolean	Specifies whether the discount is applied before tax.	
totalAmountExcludingTax	numeric	The total amount excluding tax. Read-Only.	
totalTaxAmount	numeric	The total tax amount for the credit memo. Read-Only.	
totalAmountIncludingTax	numeric	The total amount for the credit memo, including tax. Read-Only.	
status	string, maximum size 20	The credit memo status. Status can be: Draft, In Review, Open, Paid, Canceled, or Corrective. Read-Only.	

PROPERTY	TYPE	DESCRIPTION	
invoiceId	GUID	The sales invoice ID that the credit memo is linked to.	
invoiceNumber	GUID	The sales invoice number that the credit memo is linked to.	
email	string, maximum size 80	Email for the customer, cash sales	
phone	string, maximum size 30	Phone number for the customer, cash sales	
billToName	string, maximum length 100	The name of the customer to bill.	
billToCustomerId	GUID	Id of the customer to bill	
billToCustomerNumber	string, maximum length 20	Number of the customer to bill.	
sellingPostalAddress	Microsoft.NAV.postalAddressType	Selling postal address	
billingPostalAddress	complex	The billing postal address for the credit memo.	
lastModifiedDateTime	datetime	The last datetime the sales credit memo was modified. Read-Only.	

Relationships

A Currency (currencyCode) must exist in the Currencies table.

A Payment Term (paymentTerms) must exist in the Payment Terms table.

A Customer (customerId) must exist in the Customer table.

An Invoice (invoiceId) must exist in the Sales Invoice table.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "creditMemoDate": "Date",
    "dueDate": "Date",
    "customerId": "GUID",
    "contactId": "string",
    "customerNumber": "string",
    "customerName": "string",
    "billingPostalAddress": {NAV.PostalAddress},
    "currencyId": "GUID",
    "currencyCode": "string",
    "paymentTermsId": "GUID",
    "salesperson": "string",
    "pricesIncludeTax": "boolean",
    "discountAmount": "decimal",
    "discountAppliedBeforeTax": "boolean",
    "totalAmountExcludingTax": "decimal",
    "totalTaxAmount": "decimal",
    "totalAmountIncludingTax": "decimal",
    "status": "string",
    "lastModifiedDateTime": "DateTime",
    "invoiceId" : "GUID",
    "invoiceNumber" : "string"
}
```

See also

Get Sales Credit Memo
Create Sales Credit Memo
Update Sales Credit Memo
Delete Sales Credit Memo

Get salesCreditMemos

2 minutes to read

Retrieve the properties and relationships of a sales credit memo object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/salesCreditMemos({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **salesCreditMemos** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/salesCreditMemos({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "id": "id-value",
  "number": "1009",
  "creditMemoDate": "2015-12-31",
  "dueDate": "2016-01-31",
  "customerId": "customerId-value",
  "contactId": "",
  "customerNumber": "GL00000008",
  "customerName": "GL00000008",
  "billingPostalAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyId": "currencyId-value",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "salesperson": "",
  "pricesIncludeTax": false,
  "discountAmount": 0,
  "discountAppliedBeforeTax": true,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "status": "Draft",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z",
  "invoiceId": "invoiceid-value",
  "invoiceNumber": "100009"
}
```

See also

Tips for working with the APIs

Sales Credit Memo
Create Sales Credit Memo
Update Sales Credit Memo
Delete Sales Credit Memo

Create salesCreditMemos

2 minutes to read

Create a sales credit memo object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/salesCreditMemos
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **salesCreditMemos** object.

Response

If successful, this method returns `201 Created` response code and a **salesCreditMemos** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/salesCreditMemos
Content-type: application/json

{
  "id": "id-value",
  "number": "1009",
  "creditMemoDate": "2015-12-31",
  "customerNumber": "GL00000008",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

See also

Tips for working with the APIs

Sales Credit Memo
Get Sales Credit Memo
Update Sales Credit Memo
Delete Sales Credit Memo

Update salesCreditMemos

2 minutes to read

Update the properties of a sales credit memo object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/salesCreditMemos({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesCreditMemos**, the **salesCreditMemos** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **salesCreditMemos** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/salesCreditMemos({id})
Content-type: application/json

{
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "1009",
  "creditMemoDate": "2015-12-31",
  "dueDate": "2016-01-31",
  "customerId": "customerId-value",
  "contactId": "",
  "customerNumber": "GL00000008",
  "customerName": "GL00000008",
  "billingPostalAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyId" : "currencyId-value",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "pricesIncludeTax": false,
  "discountAmount": 0,
  "discountAppliedBeforeTax": true,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "status": "Draft",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z",
  "invoiceId": "invoiceid-value",
  "invoiceNumber": "100009"
}
```

See also

Tips for working with the APIs

Sales Credit Memo
Get Sales Credit Memo
Create Sales Credit Memo
Delete Sales Credit Memo

Delete salesCreditMemos

2 minutes to read

Delete a sales credit memo object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/salesCreditMemos({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesCreditMemos**, the **salesCreditMemos** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/salesCreditMemos({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Sales Credit Memo
Get Sales Credit Memo
Create Sales Credit Memo
Update Sales Credit Memo

salesCreditMemoLines resource type

2 minutes to read

Represents a line on a sales credit memo line in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET salesCreditMemoLines	salesCreditMemoLines	Gets a sales credit memo line object.
POST salesCreditMemoLines	salesCreditMemoLines	Creates a sales credit memo line object.
PATCH salesCreditMemoLines	salesCreditMemoLines	Updates a sales credit memo line object.
DELETE salesCreditMemoLines	none	Deletes a sales credit memo line object.

Properties

PROPERTY	TYPE	DESCRIPTION
documentId	GUID	The ID of the parent credit memo.
sequence	numeric	The line sequence number.
itemId	GUID	The Id of the item in the credit memo line.
accountId	GUID	The Id of the Account that will be used for this line. lineType will automatically be set to "Account" if this is set.
lineType	string	The type of the line. Can be Comment,Account,Item,Resource,Fixed Asset,Charge
lineDetails	complex	The details of the line.
description	string	A description of the item in the credit memo line.
unitOfMeasureId	GUID	The unit of measure for the credit memo line.
unitOfMeasure	NAV.UnitOfMeasure	The unit of measure complex type.

PROPERTY	TYPE	DESCRIPTION
quantity	numeric	The quantity of the item in the credit memo line.
unitPrice	numeric	The unit price of each individual item in the credit memo line.
discountAmount	numeric	The line discount amount.
discountPercent	numeric	The line discount percent.
discountAppliedBeforeTax	boolean	Specified if the discount is applied before tax. Read-Only.
amountExcludingTax	numeric	The line amount excluding the tax. Read-Only.
taxCode	string	The tax code for the line.
taxPercent	numeric	The tax percent for the line. Read-Only.
totalTaxAmount	numeric	The total tax amount for the line. Read-Only.
amountIncludingTax	numeric	The total amount for the line including tax. Read-Only.
invoiceDiscountAllocation	numeric	The credit memo discount allocation is the credit memo discount distributed on the total amount. Read-Only.
netAmount	numeric	The net amount is the amount including all discounts (taken from credit memo header). Read-Only.
netTaxAmount	numeric	The net tax amount is the tax amount calculated from net amount. Read-Only.
netAmountIncludingTax	numeric	The net amount including tax is the total net amount including tax. Read-Only.
shipmentDate	date	The date the item in the line is expected to ship.

Relationships

A Sales Credit Memo (documentId) must exist in the Sales Credit Memos table.

An Item (itemId) must exist in the Item table.

An Account (accountId) must exist in the Accounts table.

A Unit of Measure (unitOfMeasure) must exist in the Unit of Measure table.

JSON representation

Here is a JSON representation of the resource.

```json
"value": [
  {
    "documentId": "GUID",
    "sequence": "decimal",
    "itemId": "GUID",
    "accountId": "GUID",
    "lineType": "string",
    "lineDetails": {NAV.documentLineObjectDetails},
    "description": "string",
    "unitOfMeasureId": "GUID",
    "unitOfMeasure": {NAV.UnitOfMeasure},
    "unitPrice": "decimal",
    "quantity": "decimal",
    "discountAmount": "decimal",
    "discountPercent": "decimal",
    "discountAppliedBeforeTax": "boolean",
    "amountExcludingTax": "decimal",
    "taxCode": "string",
    "taxPercent": "decimal",
    "totalTaxAmount": "decimal",
    "amountIncludingTax": "decimal",
    "invoiceDiscountAllocation": "decimal",
    "netAmount": "decimal",
    "netTaxAmount": "decimal",
    "netAmountIncludingTax": "decimal",
    "shipmentDate": "Date"
  }
]
```

See also

Get Sales Credit Memo Line
Create Sales Credit Memo Line
Update Sales Credit Memo Line
Delete Sales Credit Memo Line

Get salesCreditMemoLines

2 minutes to read

Retrieve the properties and relationships of a sales credit memo line object for Dynamics 365 Business Central.

Prerequisites

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/salesCreditMemos({id})/salesCreditMemoLines({salesCreditMemoLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **salesCreditMemoLines** object in the response body.

Example

Request

Here is an example of the request.

```
GET
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesCreditMemos({id})/salesCreditMemoLines({salesCreditMemoLineId})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "GL000009",
    "displayName": "GL000009",
    "description": null
  },
  "description": "someText",
  "unitOfMeasureId": "id-value",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "unitPrice": 71.1,
  "quantity": 96,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6825.6,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 682.56,
  "amountIncludingTax": 7508.16,
  "invoiceDiscountAllocation": 0,
  "netAmount": 6825.6,
  "netTaxAmount": 682.56,
  "netAmountIncludingTax": 7508.16,
  "shipmentDate": "2015-02-24"
}
```

See also

Tips for working with the APIs

Sales Credit Memo Line
Create Sales Credit Memo Line
Update Sales Credit Memo Line
Delete Sales Credit Memo Line

Create salesCreditMemoLines

2 minutes to read

Create a sales credit memo line object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
POST businesscentralPrefix/companies({id})/salesCreditMemos({id})/salesCreditMemoLines
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **salesCreditMemoLines** object.

Response

If successful, this method returns `201 Created` response code and a **salesCreditMemoLines** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/salesCreditMemos({id})/salesCreditMemoLines
Content-type: application/json

{
"itemId": "id-value",
"lineType": "Item",
"quantity": 9
}
```

See also

[Tips for working with the APIs](#)

[Sales Credit Memo Line](#)
[Get Sales Credit Memo Line](#)
[Update Sales Credit Memo Line](#)

Delete Sales Credit Memo Line

Update salesCreditMemoLines

2 minutes to read

Update the properties of a sales credit memo line object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH
businesscentralPrefix/companies({id})/salesCreditMemos({id})/salesCreditMemoLines({salesCreditMemoLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesCreditMemoLines**, the **salesCreditMemoLines** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated sales credit memo line object in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesCreditMemos({id})/salesCreditMemoLines({salesCreditMemoLineId})
Content-type: application/json

{
  "description": "someText"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "GL000009",
    "displayName": "GL000009",
    "description": null
  },
  "description": "someText",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "unitPrice": 71.1,
  "quantity": 96,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6825.6,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 682.56,
  "amountIncludingTax": 7508.16,
  "invoiceDiscountAllocation": 0,
  "netAmount": 6825.6,
  "netTaxAmount": 682.56,
  "netAmountIncludingTax": 7508.16,
  "shipmentDate": "2015-02-24"
}
```

See also

Tips for working with the APIs

Sales Credit Memo Line
Get Sales Credit Memo Line
Create Sales Credit Memo Line
Delete Sales Credit Memo Line

Delete salesCreditMemoLines

2 minutes to read

Delete a sales credit memo line object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE
businesscentralPrefix/companies({id})/salesCreditMemos({id})/salesCreditMemoLines({salesCreditMemoLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesCreditMemoLines**, the **salesCreditMemoLines** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesCreditMemos({id})/salesCreditMemoLines({salesCreditMemoLineId})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Sales Credit Memo Line
Get Sales Credit Memo Line
Create Sales Credit Memo Line
Update Sales Credit Memo Line

salesOrders resource type

2 minutes to read

Represents a sales order in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET salesOrders	salesOrders	Get a sales order object.
POST salesOrders	salesOrders	Create a sales order object.
PATCH salesOrders	salesOrders	Update a sales order object.
DELETE salesOrders	none	Delete a sales order object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The order ID. Non-editable.
number	string, maximum size 20	The order number. Read-Only.
orderDate	date	The order date
customerId	GUID	The id of the order customer.
contactId	string, maximum size 250	The exchange contact id for the given customer. If a customer id is not specified, we will use the contact id to find it.
customerNumber	string, maximum size 20	The customer number for the order.
customerName	string, maximum size 50	The full name of the customer. Read-Only.
billingPostalAddress	complex	The billing postal address for the order.
currencyId	GUID	The id of the order currency.
currencyCode	string, maximum size 10	The currency code for the order.

PROPERTY	TYPE	DESCRIPTION
pricesIncludeTax	boolean	Specifies whether the prices include Tax or not. Read-Only.
paymentTermsId	GUID	The id of the order payment term.
paymentTerms	string, maximum size 10	The payment terms of the order.
salesperson	string, maximum size 20	The salesperson code for the order.
partialShipping	boolean	Specifies whether partial shipping of items is preferred or not.
requestedDeliveryDate	Date	The requested delivery date.
discountAmount	numeric	The order discount amount
discountAppliedBeforeTax	boolean	Specifies whether the discount is applied before tax. Read-Only.
totalAmountExcludingTax	numeric	The total amount excluding tax. Read-Only.
totalTaxAmount	numeric	The total tax amount for the order. Read-Only.
totalAmountIncludingTax	numeric	The total amount for the order, including tax. Read-Only.
fullyShipped	boolean	Specifies whether the items of the order were fully shipped or not.
status	string, maximum size 20	The order status. Status can be: Draft, Cancelled, Paid, On hold, Created. Read-Only.
billToName	string, maximum length 100	The name of the customer to bill.
billToCustomerId	GUID	Id of the customer to bill
billToCustomerNumber	string, maximum length 20	Number of the customer to bill.
shipToName	string, maximum size 100	Name of the customer in ship to address.
shipToContact	string, maximum size 100	Ship to contact
sellingPostalAddress	Microsoft.NAV.postalAddressType	Selling postal address
billingPostalAddress	Microsoft.NAV.postalAddressType	Billing postal address
shippingPostalAddress	Microsoft.NAV.postalAddressType	Shipping postal adress

PROPERTY	TYPE	DESCRIPTION
lastModifiedDateTime	datetime	The last datetime the sales order was modified. Read-Only.

Relationships

A Currency(currencyCode) must exist in the Currencies table.

A Payment Term(paymentTerms) must exist in the Payment Terms table.

A Shipment Method(shipmentMethod) must exist in the Shipment Method table.

A Customer (customerId) must exist in the Customer table.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "orderDate": "Date",
    "customerId": "GUID",
    "contactId": "string",
    "customerNumber": "string",
    "customerName": "string",
    "billingPostalAddress": {NAV.PostalAddress},
    "currencyId": "GUID",
    "currencyCode": "string",
    "pricesIncludeTax": "boolean",
    "paymentTermsId": "GUID",
    "salesperson": "string",
    "partialShipping": "boolean",
    "requestedDeliveryDate": "Date",
    "discountAmount": "decimal",
    "discountAppliedBeforeTax": "boolean",
    "totalAmountExcludingTax": "decimal",
    "totalTaxAmount": "decimal",
    "totalAmountIncludingTax": "decimal",
    "fullyShipped": "boolean",
    "status": "string",
    "lastModifiedDateTime": "DateTime"
}
```

See also

Get Sales Order
Create Sales Order
Update Sales Order
Delete Sales Order

Get salesOrders

2 minutes to read

Retrieve the properties and relationships of a sales order object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/salesOrders({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **salesOrders** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/salesOrders({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "number": "1006",
  "orderDate": "2019-01-24",
  "customerId": "customerId-value",
  "contactId": "",
  "customerNumber": "GL000090",
  "customerName": "GL000090",
  "billingPostalAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyId": "id-value",
  "currencyCode": "GBP",
  "pricesIncludeTax": false,
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "salesperson": "",
  "partialShipping": true,
  "requestedDeliveryDate": "2015-06-01",
  "discountAmount": 0,
  "discountAppliedBeforeTax": true,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "fullyShipped": true,
  "status": "Draft",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Sales Order
Create Sales Order
Update Sales Order
Delete Sales Order

Create salesOrders

2 minutes to read

Create a sales order object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
POST businesscentralPrefix/companies({id})/salesOrders
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **salesOrders** object.

Response

If successful, this method returns `201 Created` response code and a **salesOrders** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/salesOrders
Content-type: application/json

{
  "id": "id-value",
  "number": "1009",
  "orderDate": "2015-12-31",
  "customerNumber": "GL00000008",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

See also

[Tips for working with the APIs](#)

[Sales Order](#)

Get Sales Order
Update Sales Order
Delete Sales Order

Update salesOrders

2 minutes to read

Update the properties of a sales orders object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/salesOrders({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesOrders**, the **salesOrders** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **salesOrders** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/salesOrders({id})
Content-type: application/json

{
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "1006",
  "orderDate": "2019-01-24",
  "customerId": "customerId-value",
  "contactId": "",
  "customerNumber": "GL000090",
  "customerName": "GL000090",
  "billingPostalAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyCode": "GBP",
  "pricesIncludeTax": false,
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "salesperson": "",
  "partialShipping": true,
  "requestedDeliveryDate": "2015-06-01",
  "discountAmount": 0,
  "discountAppliedBeforeTax": true,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "fullyShipped": true,
  "status": "Draft",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Sales Order
Get Sales Order
Create Sales Order
Delete Sales Order

Delete salesOrders

2 minutes to read

Delete a sales order object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({id})/salesOrders({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesOrders**, the **salesOrders** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/salesOrders({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](#)

Sales Order
Get Sales Order
Create Sales Order
Update Sales Order

salesOrderLines resource type

2 minutes to read

Represents a line on a sales order in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET salesOrderLines	salesOrderLines	Gets a sales order line object.
POST salesOrderLines	salesOrderLines	Creates a sales order line object.
PATCH salesOrderLines	salesOrderLines	Updates a sales order line object.
DELETE salesOrderLines	none	Deletes a sales order line object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The ID of the order line.
documentId	GUID	The ID of the parent order.
sequence	numeric	The line sequence number.
itemId	GUID	The Id of the item in the order line.
accountId	GUID	The Id of the Account that will be used for this line. lineType will automatically be set to "Account" if this is set.
lineType	string	The type of the line. Can be Comment,Account,Item,Resource,Fixed Asset,Charge
lineDetails	complex	The details of the line.
description	string	A description of the item in the order line.
unitOfMeasureId	GUID	The Id of the unit of measure in the order line.

PROPERTY	TYPE	DESCRIPTION
unitOfMeasure	NAV.UnitOfMeasure	The unit of measure complex type.
quantity	numeric	The quantity of the item in the order line.
unitPrice	numeric	The unit price of each individual item in the order line.
discountAmount	numeric	The line discount amount.
discountPercent	numeric	The line discount percent.
discountAppliedBeforeTax	boolean	Specified if the discount is applied before tax. Read-Only.
amountExcludingTax	numeric	The line amount excluding the tax. Read-Only.
taxCode	string	The tax code for the line.
taxPercent	numeric	The tax percent for the line. Read-Only.
totalTaxAmount	numeric	The total tax amount for the line. Read-Only.
amountIncludingTax	numeric	The total amount for the line including tax. Read-Only.
invoiceDiscountAllocation	numeric	The invoice discount allocation is the order discount distributed on the total amount. Read-Only.
netAmount	numeric	The net amount is the amount including all discounts (taken from order header). Read-Only.
netTaxAmount	numeric	The net tax amount is the tax amount calculated from net amount. Read-Only.
netAmountIncludingTax	numeric	The net amount including tax is the total net amount including tax. Read-Only.
shipmentDate	date	The date the item in the line is expected to ship.
shippedQuantity	numeric	The quantity of items from the order already shipped.
invoicedQuantity	numeric	The quantity of items from the order already invoiced.

PROPERTY	TYPE	DESCRIPTION
invoiceQuantity	numeric	The quantity of items from the order to be invoiced.
shipQuantity	numeric	The quantity of items from the order to be shipped.

Relationships

A Sales Order (documentId) must exist in the Sales Orders table.

An Item (itemId) must exist in the Item table.

An Account (accountId) must exist in the Accounts table.

A Unit of Measure (unitOfMeasure) must exist in the Unit of Measure table.

JSON representation

Here is a JSON representation of the resource.

```
"value": [
  {
    "documentId": "GUID",
    "sequence": "decimal",
    "itemId": "GUID",
    "accountId": "GUID",
    "lineType": "string",
    "lineDetails": {NAV.documentLineObjectDetails},
    "description": "string",
    "unitOfMeasure": {NAV.UnitOfMeasure},
    "unitPrice": "decimal",
    "quantity": "decimal",
    "discountAmount": "decimal",
    "discountPercent": "decimal",
    "discountAppliedBeforeTax": "boolean",
    "amountExcludingTax": "decimal",
    "taxCode": "string",
    "taxPercent": "decimal",
    "totalTaxAmount": "decimal",
    "amountIncludingTax": "decimal",
    "invoiceDiscountAllocation": "decimal",
    "netAmount": "decimal",
    "netTaxAmount": "decimal",
    "netAmountIncludingTax": "decimal",
    "shipmentDate": "Date",
    "shippedQuantity": "decimal",
    "invoicedQuantity": "decimal",
    "invoiceQuantity": "decimal",
    "shipQuantity": "decimal"
  }
]
```

See also

Get Sales Order Line
Create Sales Order Line
Update Sales Order Line
Delete Sales Order Line

Get salesOrderLines

2 minutes to read

Retrieve the properties and relationships of a sales order line object for Dynamics 365 Business Central.

Prerequisites

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/salesOrders({id})/salesOrderLines({salesOrderLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **salesOrderLines** object in the response body.

Example

Request

Here is an example of the request.

```
GET
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesOrders({id})/salesOrderLines({salesOrderLineId})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "GL000091",
    "displayName": "GL000091",
    "description": null
  },
  "description": "GL00000091",
  "unitOfMeasureId": "id-value",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "quantity": 96,
  "unitPrice": 71.1,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6825.6,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 682.56,
  "amountIncludingTax": 7508.16,
  "invoiceDiscountAllocation": 0,
  "netAmount": 6825.6,
  "netTaxAmount": 682.56,
  "netAmountIncludingTax": 7508.16,
  "shipmentDate": "2019-01-24",
  "shippedQuantity": 0,
  "invoicedQuantity": 0,
  "invoiceQuantity": 96,
  "shipQuantity": 96
}
```

See also

Tips for working with the APIs

Sales Order Line
Create Sales Order Line
Update Sales Order Line
Delete Sales Order Line

Create salesOrderLines

2 minutes to read

Create a sales order line object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/salesOrders({id})/salesOrderLines
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **salesOrderLines** object.

Response

If successful, this method returns `201 Created` response code and a **salesOrderLines** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/salesOrders({id})/salesOrderLines
Content-type: application/json

{
"itemId": "id-value",
"lineType": "Item",
"quantity": 9
}
```

See also

Tips for working with the APIs

Sales Order Line
Get Sales Order Line
Update Sales Order Line
Delete Sales Order Line

Update salesOrderLines

2 minutes to read

Update the properties of a sales order line object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/salesOrders({id})/salesOrderLines({salesOrderLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesOrderLines**, the **salesOrderLines** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **salesOrderLines** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesOrders({id})/salesOrderLines({salesOrderLineId})
Content-type: application/json

{
  "description": "someText"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "GL000091",
    "displayName": "GL000091",
    "description": null
  },
  "description": "someText",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "quantity": 96,
  "unitPrice": 71.1,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6825.6,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 682.56,
  "amountIncludingTax": 7508.16,
  "invoiceDiscountAllocation": 0,
  "netAmount": 6825.6,
  "netTaxAmount": 682.56,
  "netAmountIncludingTax": 7508.16,
  "shipmentDate": "2019-01-24",
  "shippedQuantity": 0,
  "invoicedQuantity": 0,
  "invoiceQuantity": 96,
  "shipQuantity": 96
}
```

See also

Tips for working with the APIs

Sales Order Line
Get Sales Order Line
Create Sales Order Line
Delete Sales Order Line

Delete salesOrderLines

2 minutes to read

Delete a sales order line object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/salesOrders({id})/salesOrderLines({salesCreditMemoLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesOrderLines**, the **salesOrderLines** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesOrders({id})/salesOrderLines({salesOrderLineId})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Sales Order Line
Get Sales Order Line
Create Sales Order Line
Update Sales Order Line

salesQuotes resource type

2 minutes to read

Represents a salesQuote resource type in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET salesQuotes	salesQuotes	Gets a sales quote object.
POST salesQuotes	salesQuotes	Creates a sales quote object.
PATCH salesQuotes	salesQuotes	Updates a sales quote object.
DELETE salesQuotes	none	Deletes a sales quote object.

Bound actions

ACTION	RETURN TYPE	DESCRIPTION
GET pdfDocument	pdfDocument	Gets a PDF document.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The quote ID. Read-Only.
number	string, maximum size 20	The quote number. Read-Only.
externalDocumentNumber	string, maximum size 35	The external document number.
documentDate	date	The quote date
dueDate	date	The quote due date
customerId	GUID	The id of the quote customer.
contactId	string, maximum size 250	The exchange contact id for the given customer. If a customer id is not specified, we will use the contact id to find it.

PROPERTY	TYPE	DESCRIPTION
customerNumber	string, maximum size 20	The customer number for the quote.
customerName	string, maximum size 50	The full name of the customer. Read-Only.
phoneNumber	string, maximum size 30	Phone number for customer
email	string, maximum size 80	Email for customer
billingPostalAddress	complex	The billing postal address for the quote.
currencyId	GUID	The id of the quote currency.
currencyCode	string, maximum size 10	The currency code for the quote.
paymentTermsId	GUID	The id of the quote payment term.
paymentTerms	string, maximum size 10	The payment terms of the quote.
shipmentMethodId	GUID	The id of the quote shipment method.
shipmentMethod	string, maximum size 10	The payment terms of the quote.
salesperson	string, maximum size 20	The salesperson code for the quote.
discountAmount	numeric	The quote discount amount
totalAmountExcludingTax	numeric	The total amount excluding tax. Read-Only.
totalTaxAmount	numeric	The total tax amount for the quote. Read-Only.
totalAmountIncludingTax	numeric	The total amount for the quote, including tax. Read-Only.
status	string, maximum size 20	The quote status. Status can be: Draft,Sent,Accepted. Read-Only.
sentDate	datetime	The the date and time the quote was sent our to the customer. Read-Only.
validUntilDate	Date	The date a quote is valid until.
acceptedDate	Date	The date a quote is accepted. Read-Only.
billToName	string, maximum length 100	The name of the customer to bill.
billToCustomerId	GUID	Id of the customer to bill

PROPERTY	TYPE	DESCRIPTION
billToCustomerNumber	string, maximum length 20	Number of the customer to bill.
shipToName	string, maximum size 100	Name of the customer in ship to address.
shipToContact	string, maximum size 100	Ship to contact
sellingPostalAddress	Microsoft.NAV.postalAddressType	Selling postal address
billingPostalAddress	Microsoft.NAV.postalAddressType	Billing postal address
shippingPostalAddress	Microsoft.NAV.postalAddressType	Shipping postal adress
lastModifiedDateTime	datetime	The last datetime the sales quote was modified. Read-Only.

Relationships

A Currency(currencyCode) must exist in the Currencies table.

A Payment Term(paymentTerms) must exist in the Payment Terms table.

A Shipment Method(shipmentMethod) must exist in the Shipment Method table.

A Customer (customerId) must exist in the Customer table.

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "number": "string",
    "externalDocumentNumber": "string",
    "documentDate": "Date",
    "dueDate": "Date",
    "customerId": "GUID",
    "contactId": "string",
    "customerNumber": "string",
    "customerName": "string",
    "billingPostalAddress": {NAV.PostalAddress},
    "currencyId": "GUID",
    "currencyCode": "string",
    "paymentTermsId": "GUID",
    "shipmentMethodId": "GUID",
    "shipmentMethod": "string",
    "salesperson": "string",
    "discountAmount": "decimal",
    "totalAmountExcludingTax": "decimal",
    "totalTaxAmount": "decimal",
    "totalAmountIncludingTax": "decimal",
    "status": "string",
    "sentDate": "DateTime",
    "validUntilDate": "Date",
    "acceptedDate": "Date",
    "lastModifiedDateTime": "DateTime"
}
```

See also

Get Sales Quote
Create Sales Quote
Update Sales Quote
Delete Sales Quote

Get salesQuotes

2 minutes to read

Retrieve the properties and relationships of a sales quote object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/salesQuotes({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **salesQuotes** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/salesQuotes({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "id": "id-value",
  "number": "1006",
  "externalDocumentNumber": "",
  "documentDate": "2019-01-24",
  "dueDate": "2019-01-24",
  "customerId": "customerId-value",
  "contactId": "",
  "customerNumber": "10000",
  "customerName": "Coho Winery",
  "billingPostalAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyId": "currencyId-value",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethodId": "shipmentMethodId-value",
  "shipmentMethod": "EXW",
  "salesperson": "",
  "discountAmount": 0,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "status": "Open",
  "sentDate": "0001-01-01T00:00:00Z",
  "validUntilDate": "2019-01-24",
  "acceptedDate": "2019-01-24",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Sales Quote
Create Sales Quote
Update Sales Quote
Delete Sales Quote

Create salesQuotes

2 minutes to read

Create a sales quote object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/salesQuotes
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **salesQuotes** object.

Response

If successful, this method returns `201 Created` response code and a **salesQuotes** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/salesQuotes
Content-type: application/json

{
  "id": "id-value",
  "number": "1006",
  "documentDate": "2016-12-31",
  "customerNumber": "10000",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

See also

Tips for working with the APIs

Sales Quote

Get Sales Quote
Update Sales Quote
Delete Sales Quote

Get Sales Quote
Update Sales Quote
Delete Sales Quote

Update salesQuotes

2 minutes to read

Update the properties of a sales quotes object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/salesQuotes({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the salesQuote, the salesQuote will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **salesQuotes** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/salesQuotes({id})
Content-type: application/json

{
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "1006",
  "externalDocumentNumber": "",
  "documentDate": "2019-01-24",
  "dueDate": "2019-01-24",
  "customerId": "customerId-value",
  "contactId": "",
  "customerNumber": "10000",
  "customerName": "Coho Winery",
  "billingPostalAddress": {
    "street": "",
    "city": "",
    "state": "",
    "countryLetterCode": "",
    "postalCode": ""
  },
  "currencyId": "currencyId-value",
  "currencyCode": "GBP",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "shipmentMethodId": "shipmentMethodId-value",
  "shipmentMethod": "EXW",
  "salesperson": "",
  "discountAmount": 0,
  "totalAmountExcludingTax": 6825.6,
  "totalTaxAmount": 682.56,
  "totalAmountIncludingTax": 7508.16,
  "status": "Open",
  "sentDate": "0001-01-01T00:00:00Z",
  "validUntilDate": "0001-01-01",
  "acceptedDate": "0001-01-01",
  "lastModifiedDateTime": "2017-03-17T19:02:22.043Z"
}
```

See also

Tips for working with the APIs

Sales Quote
Get Sales Quote
Create Sales Quote
Delete Sales Quote

Delete salesQuotes

2 minutes to read

Delete a salesQuote from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/salesQuotes({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesQuotes**, the **salesQuotes** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/salesQuotes({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Sales Quote

Get Sales Quote

Create Sales Quote

Update Sales Quote

salesQuoteLines resource type

2 minutes to read

Represents a salesQuoteLines resource type in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET salesQuoteLines	salesQuoteLines	Get a sales quote line object.
POST salesQuoteLines	salesQuoteLines	Creates a sales quote line object.
PATCH salesQuoteLines	salesQuoteLines	Updates a sales quote line object.
DELETE salesQuoteLines	none	Deletes a sales quote line object.

Properties

PROPERTY	TYPE	DESCRIPTION
documentId	GUID	The ID of the parent quote.
sequence	numeric	The line sequence number.
itemId	GUID	The Id of the item in the quote line.
accountId	GUID	The Id of the Account that will be used for this line. lineType will automatically be set to "Account" if this is set.
lineType	string	The type of the line. Can be Comment,Account,Item,Resource,Fixed Asset,Charge
lineDetails	complex	The details of the line.
description	string	A description of the item in the quote line.
unitOfMeasureId	GUID	The Id of the unit of measure in the quote line.
unitOfMeasure	NAV.UnitOfMeasure	The unit of measure complex type.

PROPERTY	TYPE	DESCRIPTION
unitPrice	numeric	The unit price of each individual item in the quote line.
quantity	numeric	The quantity of the item in the quote line.
discountAmount	numeric	The line discount amount.
discountPercent	numeric	The line discount percent.
discountAppliedBeforeTax	boolean	Specified if the discount is applied before tax. Read-Only.
amountExcludingTax	numeric	The line amount excluding the tax. Read-Only.
taxCode	string	The tax code for the line.
taxPercent	decimal	The tax percent for the line.
totalTaxAmount	numeric	The total tax amount for the line. Read-Only.
amountIncludingTax	numeric	The total amount for the line including tax. Read-Only.
netAmount	numeric	The net amount is the amount including all discounts (taken from quote header). Read-Only.
netTaxAmount	numeric	The net tax amount is the tax amount calculated from net amount. Read-Only.
netAmountIncludingTax	numeric	The net amount including tax is the total net amount including tax. Read-Only.

Relationships

A Sales Quote (documentId) must exist in the Sales Quotes table.

An Item (itemId) must exist in the Item table.

An Account (accountId) must exist in the Accounts table.

A Unit of Measure (unitOfMeasure) must exist in the Unit of Measure table.

JSON representation

Here is a JSON representation of the resource.

```
    "value": [
      {
        "documentId": "GUID",
        "sequence": "decimal",
        "itemId": "GUID",
        "accountId": "GUID",
        "lineType": "String",
        "lineDetails": {NAV.documentLineObjectDetails},
        "description": "string",
        "unitOfMeasureId": "GUID",
        "unitOfMeasure": {NAV.UnitOfMeasure},
        "unitPrice": "decimal",
        "quantity": "decimal",
        "discountAmount": "decimal",
        "discountPercent": "decimal",
        "discountAppliedBeforeTax": "boolean",
        "amountExcludingTax": "decimal",
        "taxCode": "String",
        "taxPercent": "decimal",
        "totalTaxAmount": "decimal",
        "amountIncludingTax": "decimal",
        "netAmount": "decimal",
        "netTaxAmount": "decimal",
        "netAmountIncludingTax": "decimal"
      }
    ]
```

See also

Sales Quote Line
Get Sales Quote Line
Create Sales Quote Line
Update Sales Quote Line
Delete Sales Quote Line

Get salesQuoteLines

2 minutes to read

Retrieve the properties and relationships of a sales quote line object for Dynamics 365 Business Central.

Prerequisites

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/companies({id})/salesQuotes({id})/salesQuoteLines({salesQouteLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **salesQuoteLines** object in the response body.

Example

Request

Here is an example of the request.

```
GET
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesQuotes({id})/salesQuoteLines({salesQouteLineId})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "1896-S",
    "displayName": "ATHENS Desk",
    "description": null
  },
  "description": "ATHENS Desk",
  "unitOfMeasureId": "id-value",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "unitPrice": 6165,
  "quantity": 1,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6165,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 0,
  "amountIncludingTax": 6165,
  "netAmount": 6165,
  "netTaxAmount": 0,
  "netAmountIncludingTax": 6165
}
```

See also

Tips for working with the APIs

Sales Quote Line
Create Sales Quote Line
Update Sales Quote Line
Delete Sales Quote Line

Create salesQuoteLines

2 minutes to read

Create a sales quote line object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
POST businesscentralPrefix/companies({id})/salesQuotes({id})/salesQuoteLines
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **salesQuoteLines** object.

Response

If successful, this method returns `201 Created` response code and a **salesQuoteLines** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/salesQuotes({id})/salesQuoteLines
Content-type: application/json

{
"itemId": "id-value",
"lineType": "Item",
"quantity": 9
}
```

See also

[Tips for working with the APIs](#)

[Sales Quote Line](#)
[Get Sales Quote Line](#)
[Update Sales Quote Line](#)

Delete Sales Quote Line

Update salesQuoteLines

2 minutes to read

Update the properties of a sales quote line object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
PATCH businesscentralPrefix/companies({id})/salesQuotes({id})/salesQuoteLines({salesQouteLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesQuoteLines**, the **salesQuoteLines** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **salesQuoteLines** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesQuotes({id})/salesQuoteLines({salesQuoteLineId})
Content-type: application/json

{
  "description": "someText"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "documentId": "id-value",
  "sequence": 10000,
  "itemId": "id-value",
  "accountId": "id-value",
  "lineType": "Item",
  "lineDetails": {
    "number": "1896-S",
    "displayName": "ATHENS Desk",
    "description": null
  },
  "description": "someText",
  "unitOfMeasure": {
    "code": "BOX",
    "displayName": "Box",
    "symbol": null,
    "unitConversion": null
  },
  "unitPrice": 6165,
  "quantity": 1,
  "discountAmount": 0,
  "discountPercent": 0,
  "discountAppliedBeforeTax": false,
  "amountExcludingTax": 6165,
  "taxCode": "VAT10",
  "taxPercent": 10,
  "totalTaxAmount": 0,
  "amountIncludingTax": 6165,
  "netAmount": 6165,
  "netTaxAmount": 0,
  "netAmountIncludingTax": 6165
}
```

See also

Tips for working with the APIs

Sales Quote Line
Get Sales Quote Line
Create Sales Quote Line
Delete Sales Quote Line

Delete salesQuoteLines

2 minutes to read

Delete a sales quote line object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/salesQuotes({id})/salesQuoteLines({salesQuoteLineId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **salesQuoteLines**, the **salesQuoteLines** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({id})/salesQuotes({id})/salesQuoteLines({salesQouteLineId}
)
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Sales Quote Line
Get Sales Quote Line
Create Sales Quote Line
Update Sales Quote Line

shipmentMethods resource type

2 minutes to read

Represents a method of shipment in Dynamics 365 Business Central, such as UPS, Fedex, and DHL.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET shipmentMethods	shipmentMethods	Gets a shipment method.
POST shipmentMethods	shipmentMethods	Creates a shipment method.
PATCH shipmentMethods	shipmentMethods	Updates a shipment method.
DELETE shipmentMethods	none	Deletes a shipment method.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the shipmentMethod. Non-editable.
code	string	Specifies the shipment method code.
displayName	string	Specifies the shipment method display name.
lastModifiedDateTime	datetime	The last datetime the shipment method was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the shipmentMethod.

```
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get shipmentMethods

2 minutes to read

Retrieve the properties and relationships of a shipment method object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/shipmentMethods({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **shipmentMethods** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/shipmentMethods({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "PICKUP",
  "displayName": "Pickup at Location",
  "lastModifiedDateTime": "2017-03-15T02:20:57.09Z"
}
```

See also

Tips for working with the APIs

Shipment Methods
Create Shipment Methods
Update Shipment Methods
Delete Shipment Methods

Create shipmentMethods

2 minutes to read

Create a shipment method object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/shipmentMethods
```

Optional query parameters

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **shipmentMethods** object.

Response

If successful, this method returns `201 Created` response code and a **shipmentMethods** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/shipmentMethods
Content-type: application/json

{
  "code": "PICKUP",
  "displayName": "Pickup at Location"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "PICKUP",
  "displayName": "Pickup at Location",
  "lastModifiedDateTime": "2017-03-15T02:20:57.09Z"
}
```

See also

Tips for working with the APIs

Shipment Methods
Get Shipment Methods
Update Shipment Methods
Delete Shipment Methods

Update shipmentMethods

2 minutes to read

Update the properties of a shipment method object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/shipmentMethods({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **shipmentMethods**, the **shipmentMethods** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **shipmentMethods** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/shipmentMethods({id})
Content-type: application/json

{
  "displayName": "Pickup at Store Location"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "PICKUP",
  "displayName": "Pickup at Store Location",
  "lastModifiedDateTime": "2017-03-15T02:20:57.09Z"
  }
```

See also

Tips for working with the APIs

Shipment Methods
Get Shipment Methods
Create Shipment Methods
Delete Shipment Methods

Delete shipmentMethods

2 minutes to read

Delete a shipment method object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/shipmentMethods({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **shipmentMethods**, the **shipmentMethods** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204,No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/shipmentMethods({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

subscription resource type

2 minutes to read

Represents a webhook subscription object in Dynamics 365 Business Central. Requests issued against the subscription entity, manages webhook subscriptions for a tenant.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET	subscriptions	Get subscriptions object.
POST	subscriptions	Create subscriptions object.
PATCH	subscriptions	Update subscriptions object.
DELETE	subscriptions	Delete subscriptions object.

Properties

PROPERTY	TYPE	DESCRIPTION
subscriptionId	string	Unique key for the subscription.
notificationUrl	string	URL to which webhook notifications are sent.
resource	string	URL for the resource being subscribed to. Supports relative and absolute URL.
userId	GUID	The ID of user that has created the subscription.
lastModifiedDateTime	datetime	Timestamp for when the subscription was modified.
clientState	string	Client state will be delivered with every notification. This can be used as a secret to verify message or for managing state if needed.
expirationDateTime	datetime	Date and time for when the webhook will expire.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```json
{
  "subscriptionId": "string",
  "notificationUrl": "string",
  "resource": "string",
  "userId": "Guid",
  "clientState": "string",
  "lastModifiedDateTime": "dateTimeOffset",
  "expirationDateTime": "dateTimeOffset"
}
```

See also

Error Codes
Get subscriptions
Create subscriptions
Update subscriptions
Delete subscriptions

Error Codes

Get subscriptions

2 minutes to read

Retrieves the properties of webhook subscription objects for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
GET businesscentralPrefix/subscriptions
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **subscription** object in the response body.

Example

Request

Here is an example of the request.

```
https://{businesscentralPrefix}/api/v1.0/subscriptions
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "subscriptionId": "c670ea73cacb459bb51dc1740da2f1db",
  "notificationUrl": "https://contoso.com/myCallbacks",
  "resource": "/api/v1.0/companies(f64eba74-dacd-4854-a584-1834f68cfc3a)/customers",
  "userId": "00000000-0000-0000-0000-000000000001",
  "lastModifiedDateTime": "2018-10-12T12:32:35Z",
  "clientState": "anytextvalueof2048",
  "expirationDateTime": "2018-10-15T12:32:35Z"
}
```

See also

Tips for working with the APIs

Error Codes

Subscription Resource Type

Create subscriptions

Update subscriptions

Delete subscriptions

Microsoft REST API Guidelines

Create subscription

2 minutes to read

Creates a webhook subscription for Dynamics 365 Business Central. Will be created only if handshake is successful.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/subscriptions
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of subscription object.

Response

If successful, this method returns a `201 Created` response code and a **subscription** object in the response body.

Example

Request

Here is an example of the request.

```
POST https://{businesscentralPrefix}/api/v1.0/subscriptions({id})
Content-type: application/json

{
  "subscriptionId" :"{subscriptionId}",
  "notificationUrl": "https://{notificationUrl}",
  "resource": "/api/v1.0/companies(f64eba74-dacd-4854-a584-1834f68cfc3a)/customers",
  "clientState": "{optionalValueOf2048}"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "subscriptionId": "c670ea73cacb459bb51dc1740da2f1db",
  "notificationUrl": "https://contoso.com/myCallbacks",
  "resource": "/api/v1.0/companies(f64eba74-dacd-4854-a584-1834f68cfc3a)/customers",
  "userId": "00000000-0000-0000-0000-000000000001",
  "lastModifiedDateTime": "2018-10-12T12:32:35Z",
  "clientState": "optionalvalueof2048",
  "expirationDateTime": "2018-10-15T12:32:35Z"
}
```

> **IMPORTANT**
>
> Handshake is mandatory when creating a subscription and renewing a subscription. See Working with Webhooks.

See also

Tips for working with the APIs

Error Codes
Subscription Resource Type
Get subscriptions
Update subscriptions
Delete subscriptions
Microsoft REST API Guidelines

Update subscriptions

2 minutes to read

Updates a subscriptions object for Dynamics 365 Business Central. A subscription is valid for 3 days unless it is updated. `PATCH` requests will perform a handshake with the subscriber.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/subscriptions({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	*

Request body

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/subscriptions({id})
Content-type: application/json

{
  "notificationUrl": "https://{notificationUrl}",
  "resource": "/api/v1.0/companies(f64eba74-dacd-4854-a584-1834f68cfc3a)/customers",
  "clientState": "optionalValueOf2048"
}
```

Response

If successful, this method returns a `200 OK` response code and a **subscription** object in the response body.

Example

Request

Here is an example of the request.

```
https://{businesscentralPrefix}/api/v1.0/subscriptions({id})
```

Response Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```json
{
  "subscriptionId": "c670ea73cacb459bb51dc1740da2f1db",
  "notificationUrl": "https://contoso.com/myCallbacks",
  "resource": "companies(f64eba74-dacd-4854-a584-1834f68cfc3a)/customers",
  "userId": "00000000-0000-0000-0000-000000000001",
  "lastModifiedDateTime": "2018-10-12T12:32:35Z",
  "clientState": "anytextvalueof2048",
  "expirationDateTime": "2018-10-15T12:32:35Z"
}
```

> **IMPORTANT**
>
> Handshake is mandatory when creating a subscription and renewing a subscription. See Working with Webhooks.

See also

Tips for working with the APIs

Error Codes
Subscription Resource Type
Get subscriptions
Create subscriptions
Delete subscriptions
Microsoft REST API Guidelines

Delete subscriptions

2 minutes to read

Deletes a subscriptions object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/subscriptions({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `204 No Content` response code.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/subscriptions({id})
```

Response

No response body.

See also

[Tips for working with the APIs](#)

[Error Codes](#)
[Subscription Resource Type](#)
[Get subscriptions](#)
[Create subscriptions](#)
[Update subscriptions](#)
[Microsoft REST API Guidelines](#)

taxAreas resource type

2 minutes to read

Represents a tax area resource type in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET taxAreas	taxAreas	Gets a tax area object.
POST taxAreas	taxAreas	Creates a tax area object.
PATCH taxAreas	taxAreas	Updates a tax area object.
DELETE taxAreas	none	Deletes a tax area object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the tax area. Non-editable.
code	string, maximum size 20	The code of the tax area.
displayName	string, maximum size 50	The display name of the tax area.
lastModifiedDateTime	datetime	The last datetime the tax area was modified. Read-Only.

Relationships

JSON representation

Here is a JSON representation of the resource.

```
{
  "id": "GUID",
  "code": "String",
  "displayName": "String",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Tax Area
Create Tax Area
Update Tax Area
Delete Tax Area

Get taxAreas

2 minutes to read

Retrieve the properties and relationships of a tax area object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/taxAreas({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **taxAreas** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/taxAreas({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "28012001T",
  "displayName": "tax area",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs

Tax Area
Create Tax Area
Update Tax Area
Delete Tax Area

Create taxAreas

2 minutes to read

Creates a tax area object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/taxAreas({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **taxAreas** object.

Response

If successful, this method returns `201 Created` response code and a **taxAreas** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/taxAreas
Content-type: application/json
```json
{
  "code": "44442001T"
}
```

Response

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "44442001T",
  "displayName": "tax area",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs

Tax Area
Get Tax Area
Update Tax Area
Delete Tax Area

Update taxAreas

2 minutes to read

Update the properties of a tax area object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/taxAreas({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **taxAreas**, the **taxAreas** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **taxAreas** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/taxAreas({id})
Content-type: application/json

{
  "code": "28012001T",
  "displayName": "tax area",
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "28012001T",
  "displayName": "tax area",
  "lastModifiedDateTime": "2017-05-17T11:30:01.313Z"
}
```

See also

Tips for working with the APIs
Microsoft Graph Reference

Delete taxAreas

2 minutes to read

Delete a tax area object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/taxAreas({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **taxAreas**, the **taxAreas** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/taxAreas({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

Tax Area

Get Tax Area

Create Tax Area

Update Tax Area

taxGroups resource type

2 minutes to read

Represents a taxGroups resource type in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET taxGroups	taxGroups	Gets a tax group object.
POST taxGroups	taxGroups	Creates a tax group object.
PATCH taxGroups	taxGroups	Updates a tax group object.
DELETE taxGroups	none	Deletes a tax group object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the taxGroup. Read-Only.
code	string	Specifies the tax group.
displayName	string	Specifies the tax group display name.
lastModifiedDateTime	datetime	The last datetime the tax group was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the taxGroup.

```
{
    "id": "GUID",
    "code": "string",
    "displayName": "string",
    "lastModifiedDateTime": "datetime"
}
```

See Also

Get Tax Groups

Create Tax Groups

Update Tax Groups

Delete Tax Groups

Get taxGroups

2 minutes to read

Retrieve the properties and relationships of a tax groups object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/taxGroups({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **taxGroups** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/taxGroups({id})
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "FURNITURE",
  "displayName": "Taxable Olympic Furniture",
  "lastModifiedDateTime": "2017-03-15T02:20:57.09Z"
}
```

See also

Tips for working with the APIs

Tax Groups
Create Tax groups
Update Tax Groups
Delete Tax Groups

Create taxGroups

2 minutes to read

Create a tax groups object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/taxGroups
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **taxGroups** object.

Response

If successful, this method returns `201 Created` response code and a **taxGroups** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/taxGroups
Content-type: application/json

{
  "code": "FURNITURE",
  "displayName": "Taxable Olympic Furniture"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "FURNITURE",
  "displayName": "Taxable Olympic Furniture",
  "lastModifiedDateTime": "2017-03-15T02:20:57.09Z"
}
```

See also

Tips for working with the APIs

Tax Groups
Get Tax Groups
Update Tax Groups
Delete Tax Groups

Update taxGroups

2 minutes to read

Update the properties of a tax groups object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/taxGroups({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **taxGroups**, the **taxGroups** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **taxGroups** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/taxGroups({id})
Content-type: application/json

{
  "displayName": "Taxable Furniture"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "FURNITURE",
  "displayName": "Taxable Furniture",
  "lastModifiedDateTime": "2017-03-15T02:20:57.09Z"
  }
```

See also

Tips for working with the APIs

Tax Groups
Get Tax Groups
Create Tax Groups
Delete Tax Groups

Delete taxGroups

2 minutes to read

Delete a tax group object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/taxGroups({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **taxGroups**, the **taxGroups** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204,No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/taxGroups({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

Tips for working with the APIs

timeRegistrationEntry resource type

2 minutes to read

Represents an timeRegistrationEntry in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET timeRegistrationEntries	employees	Get an timeRegistrationEntries object.
POST timeRegistrationEntries	employees	Create an timeRegistrationEntries object.
PATCH timeRegistrationEntries	employees	Update an timeRegistrationEntries object.
DELETE timeRegistrationEntries	none	Delete an timeRegistrationEntries object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	Id of the employee timeregistration Non-editable.
employeeId	GUID	The employee Id. Read-Only.
employeeNumber	string, maximum length 20	The employee number.
lineNumber	integer	line number of time registration.
date	Date	date of the time registration.
quantity	decimal	Quantity registered
status	string	The surname of the employee
unitOfMeasureId	GUID	The Id of the unit of measure for the registration.
unitOfMeasure	NAV.UnitOfMeasure	The unit of measure complex type.

PROPERTY	TYPE	DESCRIPTION
lastModifiedDateTime	datetime	The last datetime the entity was modified.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "id": "GUID",
    "employeeId": "GUID",
    "employeeNumber": "string",
    "linenumber": "integer",
    "date": "date",
    "quantity": "decimal",
    "status": "string",
    "unitOfMeasureId": "GUID",
    "unitOfMeasure": "NAV.UnitOfMeasure",
    "lastModifiedDateTime": "datetime"
}
```

See also

Error Codes
timeRegistrationEntries
Get timeRegistrationEntries
Post timeRegistrationEntries
Patch timeRegistrationEntries
Delete timeRegistrationEntries

Get timeRegistrationEntries

2 minutes to read

Retrieve the properties and relationships of an timeRegistrationEntries object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/timeRegistrationEntries$filter=employeeId eq {employeeId}
```

> **NOTE**
>
> Please note the $filter applied to timeRegistrationEntries API. The filter is applied to get timeRegistrationEntries for a specific employee.

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and an **timeRegistrationEntries** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})timeRegistrationEntries$filter=employeeId eq {employeeId}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "id": "b669a254-240a-4057-bdf9-5d6196a63dd4",
    "employeeId": "dd6ce54a-d14f-40dc-a10d-1d4d18758c76",
    "employeeNumber": "RL",
    "lineNumber": 10000,
    "date": "2019-01-01",
    "quantity": 2,
    "status": "Open",
    "unitOfMeasureId": "a7ec16cb-014f-446a-a084-bc31d5d7e742",
    "lastModfiedDateTime": "2019-03-25T14:12:08.43Z",
    "unitOfMeasure": {
        "code": "HOUR",
        "displayName": "Hour",
        "symbol": null,
        "unitConversion": null
    }
}
```

See also

Tips for working with the APIs

Error Codes
timeRegistrationEntries
Get timeRegistrationEntries
Post timeRegistrationEntries
Patch timeRegistrationEntries
Delete timeRegistrationEntries

Create timeRegistrationEntry

2 minutes to read

Creates a timeRegistrationEntry in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/timeRegistrationEntries
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **timeRegistrationEntries** object.

Response

If successful, this method returns `201 Created` response code and a **timeRegistrationEntries** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/timeRegistrationEntries
Content-type: application/json
```json
{
 "employeeNumber" : "RL",
 "quantity": 2,
 "date" : "2019-01-01"
}
```

EmployeeId can be used instead of *employeeNumber*.

Response

```
HTTP/1.1 201 Created
Content-type: application/json

{
    "id": "b669a254-240a-4057-bdf9-5d6196a63dd4",
    "employeeId": "dd6ce54a-d14f-40dc-a10d-1d4d18758c76",
    "employeeNumber": "RL",
    "lineNumber": 10000,
    "date": "2019-01-01",
    "quantity": 2,
    "status": "Open",
    "unitOfMeasureId": "a7ec16cb-014f-446a-a084-bc31d5d7e742",
    "lastModfiedDateTime": "2019-03-25T14:12:08.43Z",
    "unitOfMeasure": {
        "code": "HOUR",
        "displayName": "Hour",
        "symbol": null,
        "unitConversion": null
    }
}
```

See also

Tips for working with the APIs
Error Codes
timeRegistrationEntries
Get timeRegistrationEntries
Post timeRegistrationEntries
Patch timeRegistrationEntries
Delete timeRegistrationEntries

Update timeRegistrationEntries

2 minutes to read

Update a timeRegistrationEntry in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({companyId})/timeRegistrationEntries({timeregistrationId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	*application/json*

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/timeRegistrationEntries({timeregistrationId})
Content-type: application/json

{
  "quantity": 8
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 200 OK
Content-type: application/json

{
    "id": "967b7868-5e15-4adc-9698-cd88e509395b",
    "employeeId": "dd6ce54a-d14f-40dc-a10d-1d4d18758c76",
    "employeeNumber": "RL",
    "lineNumber": 10000,
    "date": "2019-01-02",
    "quantity": 8,
    "status": "Open",
    "unitOfMeasureId": "a7ec16cb-014f-446a-a084-bc31d5d7e742",
    "lastModfiedDateTime": "2019-03-25T14:26:55.027Z",
    "unitOfMeasure": {
        "code": "HOUR",
        "displayName": "Hour",
        "symbol": null,
        "unitConversion": null
    }
}
```

See also

Delete timeRegistrationEntries

2 minutes to read

Delete a timeRegistrationEntry from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({id})/timeRegistrationEntries({timeregistrationId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **timeRegistrationEntries**, the **timeRegistrationEntries** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/timeRegistrationEntries({timeregistrationId})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](#)

trialBalance resource type

2 minutes to read

Represents a trial balance in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET trialBalance	trialBalance	Gets a trial balance object.

Properties

PROPERTY	TYPE	DESCRIPTION
number	string	The G/L Account number for the trialBalance item
display	string	The G/L Account name for the trialBalance item.
totalDebit	string	Represents total debit amount in G/L Account.
totalCredit	string	Represents total credit amount in G/L Account.
balanceAtDateDebit	string	Represents positive Balance at Date amount in G/L Account.
balanceAtDateCredit	string	Represents negative Balance at Date amount in G/L Account.
dateFilter	date	The date filter used to calculate the trialBalance items.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "number": "string",
    "display": "string",
    "totalDebit": "string",
    "totalCredit": "string",
    "balanceAtDateDebit": "string",
    "balanceAtDateCredit": "string",
    "dateFilter": "date"
}
```

See also

[Get Trial Balance](#)

Get trialBalance

2 minutes to read

Retrieve the properties and relationships of a trial balance report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/trialBalance
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **trialBalance** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/trialBalance?$orderby number&$filter=dateFilter
ge 2019-01-01 and dateFilter le 2019-12-31
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "number": "1110",
    "display": "Accounts Receivable",
    "totalDebit": "0.00",
    "totalCredit": "0.00",
    "balanceAtDateDebit": "72,893.84",
    "balanceAtDateCredit": "0.00",
    "dateFilter": "2019-12-31"
}
```

See also

Tips for working with the APIs

Trial Balance

unitsOfMeasure resource type

2 minutes to read

Represents a unit of measure, which is a standard of measurement of a quantity, in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET unitsOfMeasure	unitsOfMeasure	Gets a unit of measure object.
POST unitsOfMeasure	unitsOfMeasure	Creates a unit of measure object.
PATCH unitsOfMeasure	unitsOfMeasure	Updates a unit of measure object.
DELETE unitsOfMeasure	none	Deletes a unit of measure object.

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the unitsOfMeasure. Non-editable.
code	string	Specifies the code for the unit of measure.
displayName	string	Specifies the unit of measure's display name.
internationalStandardCode	string	Specifies the unit of measure code expressed according to the UNECE Rec20 standard in connection with electronic sending of sales documents.
lastModifiedDateTime	datetime	The last datetime the unit of measure was modified. Read-Only.

Relationships

None

JSON representation

Here is a JSON representation of the **unitsOfMeasure** resource.

```json
{
  "id": "GUID",
  "code": "string",
  "displayName": "string",
  "internationalStandardCode": "string",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Units of Measure
Create Units of Measure
Update Units of Measure
Delete Units of Measure

Get unitsOfMeasure

2 minutes to read

Retrieve the properties and relationships of a units of measure object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/unitsOfMeasure({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **unitsOfMeasure** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/unitsOfMeasure({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "code": "PCS",
  "displayName": "Piece",
  "internationalStandardCode": "EA",
  "lastModifiedDateTime": "2017-03-15T01:21:09.563Z"
}
```

See also

Create unitsOfMeasure

2 minutes to read

Create a units of measure object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/unitsOfMeasure
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **unitsOfMeasure** object.

Response

If successful, this method returns `201 Created` response code and a **unitsOfMeasure** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/unitsOfMeasure
Content-type: application/json

{
  "code": "PCS",
  "displayName": "Piece",
  "internationalStandardCode": "EA"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "code": "PCS",
  "displayName": "Piece",
  "internationalStandardCode": "EA",
  "lastModifiedDateTime": "2017-03-15T01:21:09.563Z"
}
```

See also

Tips for working with the APIs

Units of Measure
Get Units of Measure
Update Units of Measure
Delete Units of Measure

Update unitsOfMeasure

2 minutes to read

Update the properties of a units of measure object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/unitsOfMeasure({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **unitsOfMeasure**, the **unitsOfMeasure** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **unitsOfMeasure** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/unitsOfMeasure({id})
Content-type: application/json

{
  "displayName": "One Piece"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "code": "PCS",
  "displayName": "One Piece",
  "internationalStandardCode": "EA",
  "lastModifiedDateTime": "2017-03-15T01:21:09.563Z"
}
```

See also

Tips for working with the APIs

Units of Measure
Get Units of Measure
Create Units of Measure
Delete Units of Measure

Delete unitsOfMeasure

2 minutes to read

Deletes a units of measure object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the [guideline](#).

```
DELETE businesscentralPrefix/companies({id})/unitsOfMeasure({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **unitsOfMeasure**, the **unitsOfMeasure** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/unitsOfMeasure({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](#)

vendors resource type

2 minutes to read

Represents a vendor in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET vendors	vendors	Gets a vendor object.
POST vendors	vendors	Creates a vendor object.
PATCH vendors	vendors	Updates a vendor object.
DELETE vendor	none	Deletes a vendor object.

Navigation

|Picture|picture |Gets the picture of vendor. | |defaultDimensions|defaultDimension |Gets the defaultDimension of vendor. | |currency|currency |Gets the currency of vendor. | |paymentTerm|paymentTerm |Gets the paymentTerm of vendor. | |paymentMethod|paymentMethod |Gets the paymentMethod of vendor. |

Properties

PROPERTY	TYPE	DESCRIPTION
id	GUID	The unique ID of the vendor. Non-editable.
number	string	The vendor number.
displayName	string	The vendor's display name.
address	NAV.PostalAddress	The vendor's address.
phoneNumber	string	The vendor's telephone number.
email	string	The vendor's email address.
website	string	The vendor's website address.
taxRegistrationNumber	string	The vendor's tax registration number.

PROPERTY	TYPE	DESCRIPTION
currencyId	GUID	The default currency code ID for the vendor.
currencyCode	string	The default currency code for the vendor.
irs1099Code	string	Specifies a 1099 code for the vendor. US only.
paymentTermsId	GUID	The default payment terms ID for the vendor.
paymentMethodId	GUID	The default payment method ID for the vendor.
taxLiable	boolean	Specifies if the vendor is liable for tax.
blocked	string	Specifies which transactions with the vendor that cannot be posted. Accepted values are blank, Payment or All
balance	decimal	The vendor's balance. Read-Only.
lastModifiedDateTime	datetime	The last datetime the vendor was modified. Read-Only.

Relationships

Picture, defaultDimension, currency, paymentTerm, paymentMethod

JSON representation

Here is a JSON representation of the vendor.

```
{
  "id": "GUID",
  "number": "string",
  "displayName": "string",
  "address": "NAV.PostalAddress",
  "phoneNumber": "string",
  "email": "string",
  "website": "string",
  "taxRegistrationNumber": "string",
  "currencyId": "GUID",
  "currencyCode": "string",
  "irs1099Code": "string",
  "paymentTermsId": "GUID",
  "paymentMethodId": "GUID",
  "paymentMethod": "NAV.PaymentMethod",
  "taxLiable": "boolean",
  "blocked": "string",
  "balance": "decimal",
  "lastModifiedDateTime": "datetime"
}
```

See also

Get Vendor
Create Vendor
Update Vendor
Delete Vendor

Get vendors

2 minutes to read

Retrieve the properties and relationships of a vendor object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/vendors({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **vendors** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/vendors({id})
```

Response

Here is an example of the response.

> **NOTE**
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "id": "id-value",
  "number": "40000",
  "displayName": "Wide World Importers",
  "address": {
    "street": "51 Radcroft Road",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "",
  "email": "toby.rhode@cronuscorp.net",
  "website": "",
  "taxRegistrationNumber": "",
  "currencyId": "id-value",
  "currencyCode": "USD",
  "irs1099Code": "",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "paymentMethodId": "id-value",
  "paymentMethod": {
    "code": "BANK",
    "description": "Bank Transfer"
  },
  "taxLiable": true,
  "blocked": " ",
  "balance": 0,
  "lastModifiedDateTime": "2017-03-07T00:35:29.667Z"
}
```

See also

Tips for working with the APIs

Vendor
Create Vendor
Update Vendor
Delete Vendor

Create vendors

2 minutes to read

Create a vendor object in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({id})/vendors
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of a **vendors** object.

Response

If successful, this method returns `201 Created` response code and a **vendors** object in the response body.

Example

Request

Here is an example of a request.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({id})/vendors
Content-type: application/json

{
  "number": "40000",
  "displayName": "Wide World Importers",
  "address": {
    "street": "51 Radcroft Road",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "",
  "email": "toby.rhode@cronuscorp.net",
  "website": "",
  "taxRegistrationNumber": "",
  "currencyCode": "USD",
  "irs1099Code": "",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "paymentMethod": {
    "code": "BANK",
    "description": "Bank Transfer"
  },
  "taxLiable": true,
  "blocked": " "
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
HTTP/1.1 201 Created
Content-type: application/json

{
  "id": "id-value",
  "number": "40000",
  "displayName": "Wide World Importers",
  "lastModifiedDateTime": "2015-11-09T02:14:32Z"
}
```

See also

Tips for working with the APIs

Vendor
Get Vendor
Update Vendor
Delete Vendor

Update vendors

2 minutes to read

Update the properties of a vendor object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({id})/vendors({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **vendors**, the **vendors** will not be updated.

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

Response

If successful, this method returns a `200 OK` response code and an updated **vendors** object in the response body.

Example

Request

Here is an example of the request.

```
PATCH https://{businesscentralPrefix}/api/v1.0/companies({id})/vendors({id})
Content-type: application/json

{
  "displayName": "Wide World Importers Inc.",
  "blocked": "Payment"
}
```

Response

Here is an example of the response.

```
HTTP/1.1 200 OK
Content-type: application/json

{
  "id": "id-value",
  "number": "40000",
  "displayName": "Wide World Importers Inc.",
  "address": {
    "street": "51 Radcroft Road",
    "city": "Atlanta",
    "state": "GA",
    "countryLetterCode": "US",
    "postalCode": "31772"
  },
  "phoneNumber": "",
  "email": "toby.rhode@cronuscorp.net",
  "website": "",
  "taxRegistrationNumber": "",
  "currencyCode": "USD",
  "irs1099Code": "",
  "paymentTermsId": "3bb5b4b6-ea4c-43ca-ba1c-3b69e29a6668",
  "paymentMethod": {
    "code": "BANK",
    "description": "Bank Transfer"
  },
  "taxLiable": true,
  "blocked": "Payment",
  "balance": 0,
  "lastModifiedDateTime": "2017-03-07T00:35:29.667Z"
}
```

See also

Tips for working with the APIs

Vendor
Get Vendor
Create Vendor
Delete Vendor

Delete vendors

2 minutes to read

Delete a vendor object from Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({id})/vendors({id})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **vendors**, the **vendors** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns `204 No Content` response code. It does not return anything in the response body.

Example

Request

Here is an example of the request.

```
DELETE https://{businesscentralPrefix}/api/v1.0/companies({id})/vendors({id})
```

Response

Here is an example of the response.

```
HTTP/1.1 204 No Content
```

See also

[Tips for working with the APIs](Tips-for-working-with-the-APIs)

Get vendor defaultDimensions

2 minutes to read

Gets the default dimensions of the vendor in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline. The following example gets the default dimensions of the vendor entity in the response body.

```
GET businesscentralPrefix/companies({companyId})/vendors({vendorId})/defaultDimensions
```

Request header

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and the **default dimensions** in the response body.

Example

Request

```
GET https://{businesscentralPrefix}/api/v1.0/companies({companyId})/vendors({vendorId})/defaultDimensions
```

Response
Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/vendors(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67","dimensionId":"d5fc81ea-8687-4e9d-9c49-
7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

[Tips for working with the APIs](#)

[Vendors](#)
[Create vendor defaultDimensions](#)
[Update vendor defaultDimensions](#)
[Delete vendor defaultDimensions](#)

Create vendor defaultDimensions

2 minutes to read

Creates the default dimensions of the vendor in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
POST businesscentralPrefix/companies({companyId})/vendors({vendorId})/defaultDimensions
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply a JSON representation of **vendors** object.

Response

If successful, this method returns `201 Created` response code and a **vendor** object in the response body.

Example

Request

Here is an example of a request.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
POST https://{businesscentralPrefix}/api/v1.0/companies({companyId})/vendors({vendorId})/defaultDimensions
```

Request body

```
{
    "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
    "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
    "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
    "postingValidation":"Same Code"
}
```

Response

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/vendors(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Update vendor defaultDimensions

2 minutes to read

Update the default dimensions of the vendor in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
PATCH businesscentralPrefix/companies({companyId})/vendors({vendorId})/defaultDimensions({vendorId},
{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
Content-Type	application/json

Request body

In the request body, supply the values for relevant fields that should be updated. Existing properties that are not included in the request body will maintain their previous values or be recalculated based on changes to other property values. For best performance you shouldn't include existing values that haven't changed.

> **NOTE**
>
> You cannot modify parentId, dimensionId or dimensionCode fields, because these are key fields, and rename is not allowed in Default Dimension record.

Response

If successful, this method returns a `200 OK` response code and an updated default dimensions for the **vendor** in the response body.

Example

Request

Here is an example of the request.

```
PATCH
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/vendors({vendorId})/defaultDimensions({vendorId},{dimensionId})
```

Request body

```
{
    "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
    "postingValidation":"Same Code"
}
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
    "@odata.context":"https://api.businesscentral.dynamics.com/v1.0/api/v1.0/$metadata#companies(5106c77d-
af37-4e2d-bb88-45d87aba1033)/vendors(b3fbe87a-61b8-4a6c-85de-0555f1627a67)/defaultDimensions",
    "value":
    [
        {
            "@odata.etag":"W/\"JzQ0OzNPaHFuS0ZQdk5oc3ZkSW9KdzVkdXk2LytjcmNqeHJJOU05SjZ1aFBYVjQ9MTswMDsn\"",
            "parentId":"b3fbe87a-61b8-4a6c-85de-0555f1627a67",
            "dimensionId":"d5fc81ea-8687-4e9d-9c49-7fde28ccdb1a",
            "dimensionCode":"DEPARTMENT",
            "dimensionValueId":"1045a902-070a-4d31-b2b1-b9431e9e5b26",
            "dimensionValueCode":"PROD",
            "postingValidation":"Same Code"
        }
    ]
}
```

See also

Tips for working with the APIs

Vendors
Create vendor defaultDimensions
Get vendor defaultDimensions
Delete vendor defaultDimensions

Delete vendor defaultDimensions

2 minutes to read

Deletes the default dimensions of the vendor in Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
DELETE businesscentralPrefix/companies({companyId})/vendors({vendorId})/defaultDimensions({vendorId},
{dimensionId})
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.
If-Match	Required. When this request header is included and the eTag provided does not match the current tag on the **vendors**, the **vendors** will not be updated.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `204 No Content` response code and it deletes the default dimensions for the vendor and corresponding dimension.

Example

Request

Here is an example of the request.

```
DELETE
https://{businesscentralPrefix}/api/v1.0/companies({companyId})/vendors({vendorId})/defaultDimensions({vendorI
d},{dimensionId})
```

Response

No Content.

See also

Tips for working with the APIs

Vendor

vendorPurchases resource type

2 minutes to read

Represents a vendor purchase in Dynamics 365 Business Central.

> **NOTE**
>
> For information about enabling APIs for Dynamics NAV see Enabling the APIs for Microsoft Dynamics NAV.

Methods

METHOD	RETURN TYPE	DESCRIPTION
GET vendorPurchases	vendorPurchases	Gets a vendor purchase object.

Properties

PROPERTY	TYPE	DESCRIPTION
vendorId	GUID	Represents the vendor ID.
vendorNumber	string	Represents the vendor number.
name	string	Represents the name of the vendor .
totalPurchaseAmount	numeric	Represents the vendor purchases.
dateFilter_FilterOnly	date	Represents the date filter for the vendor purchases.

Relationships

None

JSON representation

Here is a JSON representation of the resource.

```
{
    "vendorId": "GUID",
    "vendorNumber": "string",
    "name": "string",
    "totalPurchaseAmount": "decimal",
    "dateFilter_FilterOnly": "date"
}
```

See also

Get Vendor Purchases

Get vendorPurchases

2 minutes to read

Retrieve the properties and relationships of a vendor purchases report object for Dynamics 365 Business Central.

HTTP request

Replace the URL prefix for Dynamics 365 Business Central depending on environment following the guideline.

```
GET businesscentralPrefix/companies({id})/vendorPurchases
```

Request headers

HEADER	VALUE
Authorization	Bearer {token}. Required.

Request body

Do not supply a request body for this method.

Response

If successful, this method returns a `200 OK` response code and a **vendorPurchases** object in the response body.

Example

Request

Here is an example of the request.

```
GET https://{businesscentralPrefix}/api/v1.0/companies({id})/vendorPurchases
```

Response

Here is an example of the response.

> **NOTE**
>
> The response object shown here may be truncated for brevity. All of the properties will be returned from an actual call.

```
{
  "vendorId": "id-value",
  "vendorNumber": "10000",
  "name": "Fabrikam, Inc.",
  "totalPurchaseAmount": 21632.25,
  "dateFilter_FilterOnly": null
}
```

See also

Tips for working with the APIs

Vendor Purchases