

# 4.30 CustomTable Service

## CustomTableService

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## CustomTable Service

A particular custom table belonging to an object can be modified using the custom table service.

- Please use the [Bimplus Object Service](#) for creating a custom table or to deal with the group of custom tables belonging to an object.

Get details of the custom table

### URL / Resource / JSON Structure

**Resource:** customtables/<customtable\_id>

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/customtables/<customtable\\_id>](https://api-stage.bimplus.net/v2/<team_slug>/customtables/<customtable_id>)

**Example:**<https://api-stage.bimplus.net/v2/bimplus/customtables/e16336b3-95e4-4108-a9ee-0a9c010dfe9b>

### HTTP Method

GET

### Description

Get details of a specified custom table.

### Request

Headers
Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088 Content-Type: application/json

### Response

Status
Status: 200 OK

## JSON

```
{
  "name": "Sample custom table",
  "description": "Sample custom table with all column types",
  "relatedId": "8688fe5c-855e-455a-92cb-afce4abdbf78",
  "created": "2017-06-19T13:31:23",
  "createdBy": null,
  "changed": "2017-06-19T13:46:54",
  "changedBy": {
    "id": "78a94d0e-0d58-3f85-aafa-1e631c51b5d2",
    "email": null
  },
  "revision": null,
  "dataTable": {
    "columns": [
      { "name": "Int column", "type": "Int32" },
      { "name": "DateTime column", "type": "DateTime" },
      { "name": "String column", "type": "String" },
      { "name": "Double column", "type": "Double" },
      { "name": "Guid column", "type": "Guid" },
      { "name": "Bool column", "type": "Boolean" }
    ],
    "rows": [
      { "items": [ 1, "2017-07-12T00:00:00", "First row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65",
true ] },
      { "items": [ 2, "2017-06-12T00:00:00", "Second row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65",
true ] },
      { "items": [ 3, "2017-05-12T00:00:00", "Third row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65",
true ] },
      { "items": [ 4, "2017-04-12T00:00:00", "Fourth row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65",
true ] }
    ]
  },
  "id": "e16336b3-95e4-4108-a9ee-0a9c010dfe9b"
}
```

## Update the custom table

### URL / Resource / JSON Structure

**Resource:** customtables/<customtable\_id>

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/customtables/<customtable\\_id>](https://api-stage.bimplus.net/v2/<team_slug>/customtables/<customtable_id>)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/customtables/db540336-47a3-426e-b3bf-1e532bfac8ea>

### JSON Structure:

Name	Mandatory / Optional	Type	Description
relatedId	mandatory	string(guid)	The id of the object the custom table belongs to.
name	optional	string	Custom table name
description	optional	string	Custom table description
id	will be ignored	string(guid)	The id of the custom table. Will be taken from request url.
created	will be ignored	string (date)	Creation date of the custom table
createdBy	will be ignored	object	The user which created custom table
changed	will be ignored	string (date)	Modified date of the custom table
changed By	will be ignored	string (date)	The user which recently modified custom table
revision	optional	int (null=current)	Object revision. If revision is specified, then the call will get the object from the requested revision, otherwise return current object ( latest revision ).

dataTable	mandatory	object	<p>A JSON string which includes data for custom table. An example template is specified below.</p> <p>Please remember, the server will process the dataTable information as a json string and hence the client has to take care on the information that is stored &amp; retrieved.</p>
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## HTTP Method

PUT

## Description

Update the specified customtable.

## Request

Headers
<p>Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088</p> <p>Content-Type: application/json</p>

JSON
<pre>{   "name": "Updated name of Sample custom table",   "description": "Updated description of Sample custom table with all column types",   "relatedId": "8688fe5c-855e-455a-92cb-afce4abdbf78",   "dataTable": {     "columns": [       { "name": "Int column", "type": "Int32" },       { "name": "DateTime column", "type": "DateTime" },       { "name": "String column", "type": "String" },       { "name": "Double column", "type": "Double" },       { "name": "Guid column", "type": "Guid" },       { "name": "Bool column", "type": "Boolean" }     ],     "rows": [       { "items": [ 1, "2017-07-12T00:00:00", "First row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65", true ] },       { "items": [ 2, "2017-06-12T00:00:00", "Second row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65", true ] },       { "items": [ 3, "2017-05-12T00:00:00", "Third row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65", true ] },       { "items": [ 4, "2017-04-12T00:00:00", "Fourth row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65", true ] }     ]   } }</pre>

## Response

Status
Status: 200 OK

## JSON

```
{
  "name": "Updated name of Sample custom table",
  "description": "Updated description of Sample custom table with all column types",
  "relatedId": "8688fe5c-855e-455a-92cb-afce4abdbf78",
  "created": "2017-06-19T13:31:23",
  "createdBy": null,
  "changed": "2017-06-19T13:46:54",
  "changedBy": {
    "id": "78a94d0e-0d58-3f85-aafa-1e631c51b5d2",
    "email": null
  },
  "revision": null,
  "dataTable": {
    "columns": [
      { "name": "Int column", "type": "Int32" },
      { "name": "DateTime column", "type": "DateTime" },
      { "name": "String column", "type": "String" },
      { "name": "Double column", "type": "Double" },
      { "name": "Guid column", "type": "Guid" },
      { "name": "Bool column", "type": "Boolean" }
    ],
    "rows": [
      { "items": [ 1, "2017-07-12T00:00:00", "First row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65",
true ] },
      { "items": [ 2, "2017-06-12T00:00:00", "Second row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65",
true ] },
      { "items": [ 3, "2017-05-12T00:00:00", "Third row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65",
true ] },
      { "items": [ 4, "2017-04-12T00:00:00", "Fourth row", 11, "614a203e-9f29-48b8-a9b7-a95a647edc65",
true ] }
    ]
  },
  "id": "e16336b3-95e4-4108-a9ee-0a9c010dfe9b"
}
```

Delete the custom table

### URL / Resource / JSON Structure

**Resource:** customtables/<customtable\_id>

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/customtables/<customtable\\_id>](https://api-stage.bimplus.net/v2/<team_slug>/customtables/<customtable_id>)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/customtables/e16336b3-95e4-4108-a9ee-0a9c010dfe9b>

### HTTP Method

DELETE

### Description

Deletes a specified customtable.

### Request

#### Headers

Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088  
Content-Type: application/json

### Response

Status
Status: 200 OK