

CATEGORY ITEM ENTITY

Intro to Category Item Entity

The Category Item entity methods give access to retrieving, adding, modifying, and deleting category items of a specified category (e.g., “Departments”, “Locations”, “Areas”, “Tasks”, “Times of Day”, and other user defined categories) within the company account.

Header Key/Value Pairs

- The “Lookup-Key” value should be one of two values: “ExternalID” or “CatItemID”. This specifies which property value you want to use to look up an entity, in cases where you are accessing a single entity.
- If no Lookup-Key pair exists, or it does but the value matches neither option above, the API will assume a Lookup-Key of “ExternalID”
- These apply to GET, PUT, and DELETE when a specific entity is specified.

Query Parameters (URL structure)

URL Structure:

[https://api.workschedule.app/CategoryItem/\[CatName\]/\[CatItemID or ExternalID\]](https://api.workschedule.app/CategoryItem/[CatName]/[CatItemID or ExternalID])

- CatName*
 - The name of the category (*required*)
- CatItemID or ExternalID (*the lookup value*)
 - Specify the value for the property (CatItemID or ExternalID) that you chose in the header key/value pair for “Lookup-Key”
 - If excluded, all Category Items will be retrieved for the specified CatName when using the GET verb.
 - Required with verbs PUT and DELETE

VERB: GET

Sample URL #1

<https://api.workschedule.app/CategoryItem/Area>

Sample JSON Response #1

```
{
  "ErrorCode": 0,
  "ErrorMessage": "Success",
  "ItemResponses": "[]",
  "Items": [
    {
      "Color": "",
      "Name": "Area A",
      "CatNo": "2",
      "CatItemID": "10",
      "SortValue": "0000000001"
    },
    {
      "Color": "000000",
      "Name": "Area B",
      "ExternalID": "BArea",
      "CatNo": "2",
      "CatItemID": "11",
      "SortValue": "0000000002"
    },
    {
      "Color": "",
      "Name": "Area C",
      "CatNo": "2",
      "CatItemID": "17",
      "SortValue": "0000000003"
    }
  ]
}
```

Sample Header Pair

Lookup-Key: CatItemID

Sample URL #2

<https://api.workschedule.app/CategoryItem/Location/1>

Sample JSON Response #2

```
{
  "ErrorCode": 0,
  "ErrorMessage": "Success",
  "ItemResponses": "[]",
  "Items": [
    {
      "Active": "False",
      "Color": "",
      "Name": "Main",
      "EndTime": "T17:00:00.0000000",
      "CatNo": "1",
      "CatItemID": "1",
      "ShowToEmployee": "False",
      "SortValue": "0000000001",
      "StartTime": "T09:00:00.0000000"
    }
  ]
}
```

VERB: POST

JSON Parameters

- Name*
- ExternalID
- Color
- Active (*Time Off Account category items only*)
- ShowToEmployee (*Time Off Account category items only*)
- StartTime (*Time Of Day Category Items only*)
- EndTime (*Time Of Day Category Items only*)

Sample JSON request in HTTPS Body

```
{
  "Name": "Location X",
  "CatNo": "1",
  "Color": "00FF00"
}
```

Sample JSON response

```
{
  "ErrorCode": 0,
  "ErrorMessage": "Success",
  "ItemResponses": null,
  "Items": "[]"
}
```

VERB: PUT

JSON Parameters

- Name
- ExternalID
- Color
- Active
- ShowToEmployee
- StartTime
- EndTime

Sample URL

<https://api.workschedule.app/CategoryItem/Location/55?SessionID=12345&SP=1234567890123>

Sample JSON Request in HTTPS Body

```
{
  "Color": "0E0E0E"
}
```

Sample JSON Response

```
{
  "ErrorCode": 0,
  "ErrorMessage": "Success",
  "ItemResponses": null,
  "Items": "[]"
}
```

VERB: DELETE

Sample URL

<https://api.workschedule.app/CategoryItem/Location/8?SessionID=12345&SP=1234567890123>

Sample JSON Response

```
{  
  "ErrorCode": 0,  
  "ErrorMessage": "Success",  
  "ItemResponses": null,  
  "Items": "[]"  
}
```