

Subtasks API

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Get Subtasks

GET /v2/subtasks/[subtask_id]

Optional Parameters

- **subtask_id** - Details of single subtask.
- **task_id** - If passed then a list of subtasks with a parent of task_id will be returned.
- **user_id** - Get subtasks for specific user
- **team_id** - Get subtasks for a team
- **due_from** - Due date from (yyyymmdd)
- **due_to** - Due date to (yyyymmdd)
- **completed_from** - Completed date from (yyyymmdd)
- **completed_to** - Completed date to (yyyymmdd)
- **status** - Status (open, completed, active, onhold, inactive, archived)
- **limit** - Limit number of records returned. Maximum 1000 records
- **offset** - Start position for fetching records

Sample Response - Single Subtask

```
{
  "data": {
    "subtask_id": "1",
    "subtask_name": "My first subtask",
    "description": "Testing out subtasks",
    "color": "dd067a",
    "notes": "",
    "start_date": "0000-00-00 00:00:00",
    "due_date": "0000-00-00 00:00:00",
```

```
"date_completed": "0000-00-00 00:00:00",
"ongoing": "1",
"project_id": "1",
"project_name": "Project 1",
"task_id": "1",
"task_name": "Create project specification",
"tracked_seconds": null,
"estimated_hours": "0",
"subtask_order": "0",
"active": "1",
"important": "0",
"completed": "0",
"progress": "50",
"notifications": "1",
"recurring": "",
"date_created": "2014-08-14 15:21:56",
"date_modified": "2014-12-17 08:24:59",
"user_id": "1234",
"users": [
  {
    "user_id": "1234",
    "user_name": "John Doe"
  }
]
}
```

Sample Response - Multiple Subtasks

```
{
  "paging": {
    "offset": 0,
    "limit": 1000,
    "total_records": 2
  },
  "data": [
    {
      "subtask_id": "1",
      "subtask_name": "My very first subtask!",
      "description": "Testing out the subtasks",
      "color": "dd067a",
      "notes": "",
      "start_date": "0000-00-00 00:00:00",
      "due_date": "0000-00-00 00:00:00",
      "date_completed": "0000-00-00 00:00:00",
      "ongoing": "1",
      "project_id": "1",
      "project_name": "Project 1",
      "task_id": "1",
      "task_name": "My very first task",
      "tracked_seconds": null,
      "estimated_hours": "0",
      "subtask_order": "0",
      "active": "1",
      "important": "0",
      "completed": "50",
    }
  ]
}
```

```
"progress": "0",
"notifications": "1",
"recurring": "",
"date_created": "2014-08-14 15:21:56",
"date_modified": "2014-12-17 08:24:59",
"user_id": "1234",
"users": [
  {
    "user_id": "1234",
    "user_name": "John Doe"
  }
]
},
{
  "subtask_id": "2",
  "subtask_name": "subtask aa",
  "description": null,
  "color": null,
  "notes": null,
  "start_date": "0000-00-00 00:00:00",
  "due_date": "0000-00-00 00:00:00",
  "date_completed": "0000-00-00 00:00:00",
  "ongoing": "1",
  "project_id": "1",
  "project_name": "Project 1",
  "task_id": "1",
  "task_name": "My very first task",
  "tracked_seconds": null,
  "estimated_hours": null,
  "subtask_order": "0",
  "active": "1",
  "important": "0",
  "completed": "0",
  "progress": "25",
  "notifications": "1",
  "recurring": "",
  "date_created": "2014-08-14 15:21:56",
  "date_modified": "2014-08-14 14:21:56",
  "user_id": "1234",
  "users": [
    {
      "user_id": "1234",
      "user_name": "John Doe"
    }
  ]
}
]
}
```

Example Calls

Single subtask

```
curl -X GET "https://api.projectbubble.com/v2/subtasks/1"
-H "domain: example.projectbubble.com"
```

```
-H "key: 27838413e610417bd866352767fe322ca97d94c8"
```

Subtasks of parent task

```
curl -X GET "https://api.projectbubble.com/v2/subtasks?task_id=1"  
-H "domain: example.projectbubble.com"  
-H "key: 27838413e610417bd866352767fe322ca97d94c8"
```

Get subtasks for a particular parent task by due date

```
curl -X GET "https://api.projectbubble.com/v2/subtasks?task_id=1&order=duedate"  
-H "domain: example.projectbubble.com"  
-H "key: 27838413e610417bd866352767fe322ca97d94c8"
```

Response Codes

```
200 - OK or "No records found"  
401 - Permission error. Your user account (API Key) does not have permission to access  
subtasks.
```

Create Subtask

POST /v2/subtasks/[task_id]

Parameters

- **task_id** - Required. Parent task ID
- **subtask_name** - Required. Subtask name
- **description** - Description
- **color** - Color in hex e.g. FF0000 would be red
- **notes** - Notes
- **start_date** - Start date (yyyymmdd)
- **due_date** - Due date (yyyymmdd)
- **subtask_order** - Subtask order
- **active** - Active? (2 is amber)
- **important** - Important?
- **notifications** - Notifications?
- **recurring** - Recurring subtask. Accepts the following string values:
 - D - Daily
 - W - Weekly
 - M - Monthly

- Q - Quarterly
- S - Semi yearly (Every six months)
- Y - Yearly

- **user_id** - Creator user ID
- **users** - Assigned user IDs
 - user_id - User ID
- **teams** - Assigned team IDs
 - team_id - Team ID

Sample Response

```
{
  "data": {
    "subtask_id": "1",
    "subtask_name": "My first subtask",
    "description": "Testing out subtasks",
    "color": "dd067a",
    "notes": "",
    "start_date": "0000-00-00 00:00:00",
    "due_date": "0000-00-00 00:00:00",
    "ongoing": "1",
    "project_id": "1",
    "project_name": "Project 1",
    "task_id": "1",
    "task_name": "Create project specification",
    "tracked_seconds": null,
    "estimated_hours": "0",
    "subtask_order": "0",
    "active": "1",
    "important": "0",
    "notifications": "1",
    "recurring": "",
    "date_created": "2014-08-14 15:21:56",
    "date_modified": "2014-12-17 08:24:59",
    "user_id": "1234",
    "users": [
      {
        "user_id": "1234",
        "user_name": "John Doe"
      }
    ]
  }
}
```

Example Calls

Subtask with parent task with task_id=1

```
curl -X POST "https://api.projectbubble.com/v2/subtasks/1"  
-H "domain: example.projectbubble.com"  
-H "key: 27838413e610417bd866352767fe322ca97d94c8"  
-d '{"subtask_name": "My first subtask",  
"description": "Testing out subtasks"}'
```

Monthly recurring subtask with lots of params set

```
curl -X POST "https://api.projectbubble.com/v2/subtasks/1"  
-H "domain: example.projectbubble.com"  
-H "key: 27838413e610417bd866352767fe322ca97d94c8"  
-d '{"subtask_name": "Clear out log files",  
"description": "Do this every month",  
"recurring": "M",  
"start_date": "20150101",  
"color": "d40000"}'
```

Response Codes

```
201 - Created ok  
400 - Validation error. Check returned message  
401 - Permission error. Your user account (API Key) does not have permission to access  
subtasks.  
404 - Task not found
```

Update Subtask

PUT /v2/subtasks/[subtask_id]

Parameters

- **subtask_id** - Required.
- **subtask_name** - Subtask name
- **description** - Description
- **color** - Color in hex e.g. FF0000 would be red
- **notes** - Notes
- **start_date** - Start date (yyyymmdd)
- **due_date** - Due date (yyyymmdd)
- **date_completed** - Date completed (yyyymmdd)
- **subtask_order** - Subtask order
- **active** - Active? (2 is amber)
- **important** - Important?
- **completed** - !!important!! - All other params are ignored if this is set. See Complete Subtask

- **resume** - !!important!! - All other params are ignored if this is set. See Resume Subtask
- **progress** - Completion progress as percentage (no symbol)
- **notifications** - Notifications?
- **recurring** - Recurring subtask. Accepts the following string values:
 - D - Daily
 - W - Weekly
 - M - Monthly
 - Q - Quarterly
 - S - Semi yearly (Every six months)
 - Y - Yearly
- **user_id** - Creator user ID
- **users** - Assigned user IDs
 - id - User ID
 - user_name - User name
- **teams** - Assigned team IDs
 - team_id - Team ID

Sample response:

```
{
  "data": {
    "subtask_id": "1",
    "subtask_name": "My first subtasktask",
    "description": "This is my updated description",
    "color": "dd067a",
    "notes": "",
    "start_date": "0000-00-00 00:00:00",
    "due_date": "0000-00-00 00:00:00",
    "date_completed": "0000-00-00 00:00:00",
    "ongoing": "1",
    "project_id": "1",
    "project_name": "Project 1",
    "task_id": "1",
    "task_name": "Create project specification",
    "tracked_seconds": null,
    "estimated_hours": "0",
    "subtask_order": "0",
    "active": "1",
    "important": "0",
    "completed": "0",
    "progress": "33",
    "notifications": "1",
    "recurring": "",
    "date_created": "2014-08-14 15:21:56",
```

```
"date_modified": "2014-12-17 08:24:59",  
"user_id": "1234",  
"users": [  
  {  
    "user_id": "1234",  
    "user_name": "John Doe"  
  }  
]  
}
```

Example Calls

Change description of subtask_id=1

```
curl -X PUT "https://api.projectbubble.com/v2/subtasks/1"  
-H "domain: example.projectbubble.com"  
-H "key: 27838413e610417bd866352767fe322ca97d94c8"  
-d '{"This is my updated description": "Testing out subtasks"}'
```

Response Codes

```
200 - OK  
400 - Validation error. Check returned message  
401 - Permission error. Your user account (API Key) does not have permission to access  
subtasks.  
404 - Task not found
```

Delete subtasktask

DELETE /v2/subtasks/[subtask_id]

Sample Response

```
[ ]
```

Example Call

```
curl -X DELETE "https://api.projectbubble.com/v2/subtasks/1"  
-H "domain: example.projectbubble.com"  
-H "key: 27838413e610417bd866352767fe322ca97d94c8"
```

Response Codes

```
200 - Subtask deleted  
400/401 - Permission error. Validation error, see returned text.  
404 - Subtask not found.
```


Complete Subtask

Completing a subtask updates parent task completion progress.

PUT /v2/subtasks/[subtask_id]

Required Parameters

- completed - 1 = complete task

Response:

Sample Response

```
{
  "data": {
    "subtask_id": "1",
    "subtask_name": "My first subtask",
    "description": "Testing out subtasks",
    "color": "dd067a",
    "notes": "",
    "start_date": "0000-00-00 00:00:00",
    "due_date": "0000-00-00 00:00:00",
    "date_completed": "2015-01-01 09:00:00",
    "ongoing": "1",
    "project_id": "1",
    "project_name": "Project 1",
    "task_id": "1",
    "task_name": "Create project specification",
    "tracked_seconds": null,
    "estimated_hours": "0",
    "subtask_order": "0",
    "active": "0",
    "important": "0",
    "completed": "1",
    "progress": "100",
    "notifications": "1",
    "recurring": "",
    "date_created": "2014-08-14 15:21:56",
    "date_modified": "2014-12-17 08:24:59",
    "user_id": "1234",
    "users": [
      {
        "user_id": "1234",
        "user_name": "John Doe"
      }
    ]
  }
}
```

Example Call

```
curl -X POST "https://api.projectbubble.com/v2/subtasks/1"
-H "domain: example.projectbubble.com"
```

```
-H "key: 27838413e610417bd866352767fe322ca97d94c8"  
-d '{"complete": 1}'
```

Response Codes

```
200 - Subtask Updated  
400 - Validation error, see returned text.  
401 - Permission error. Your user account (API Key) does not have permission to access  
subtasks.  
404 - Subtask not found
```

Resume Subtask

Resuming a subtask updates parent task completion progress.

PUT /v2/subtasks/[subtask_id]

Required Parameters

- resume - 1 = complete task

Response:

Sample Response

```
{  
  "data": {  
    "subtask_id": "1",  
    "subtask_name": "My first subtask",  
    "description": "Testing out subtasks",  
    "color": "dd067a",  
    "notes": "",  
    "start_date": "0000-00-00 00:00:00",  
    "due_date": "0000-00-00 00:00:00",  
    "date_completed": "0000-00-00 00:00:00",  
    "ongoing": "1",  
    "project_id": "1",  
    "project_name": "Project 1",  
    "task_id": "1",  
    "task_name": "Create project specification",  
    "tracked_seconds": null,  
    "estimated_hours": "0",  
    "subtask_order": "0",  
    "active": "1",  
    "important": "0",  
    "completed": "0",  
    "progress": "0",  
    "notifications": "1",  
    "recurring": "",  
    "date_created": "2014-08-14 15:21:56",  
    "date_modified": "2014-12-17 08:24:59",  
    "user_id": "1234",  
    "users": [  

```

```
{
  {
    "user_id": "1234",
    "user_name": "John Doe"
  }
}
```

Example Call

```
curl -X POST "https://api.projectbubble.com/v2/subtasks/1"
-H "domain: example.projectbubble.com"
-H "key: 27838413e610417bd866352767fe322ca97d94c8"
-d '{"resume": 1}'
```

Response Codes

200 - Subtask Updated
400 - Validation error, see returned text.
401 - Permission error. Your user account (API Key) does not have permission to access subtasks.
404 - Subtask not found