

Tasks List API

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Get Tasks

GET /v2/tasks/[task_id]

Optional Parameters

- task_id - If omitted then a list of tasks will be returned.
- project_id - Filters by project
- due_from - Due date from (yyyymmdd)
- due_to - Due date to (yyyymmdd)
- created_from - Created date from (yyyymmdd)
- created_to - Created date to (yyyymmdd)
- completed_from - Completed date from (yyyymmdd)
- completed_to - Completed date to (yyyymmdd)
- tag - Tag
- 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 Task

```
{
  "data": {
    "task_id": "1",
    "task_name": "Create project specification",
    "description": "My very first task",
    "color": "",
    "tags": "",
    "notes": ""
  }
}
```

```
"start_date": "2014-09-01 00:00:00",
"due_date": "2014-09-15 00:00:00",
"date_completed": "0000-00-00 00:00:00",
"ongoing": "0",
"project_id": "35",
"project_name": "My first project",
"billable_hours": 0,
"tracked_seconds": null,
"estimated_hours": "0",
"estimated_cost": "0",
"hourly_rate": "0",
"fixed_price": "0",
"price": "0",
"task_order": "1415893855",
"active": "1",
"important": "0",
"completed": "0",
"progress": "0",
"billed": 0,
"notifications": "1",
"recurring": "",
"archived": "0",
"date_created": "2014-11-13 15:50:55",
"date_modified": "2014-11-13 16:54:01",
"user_id": "1234",
"users": [
  {
    "user_id": "1234",
    "user_name": "John Doe"
  },
  {
    "user_id": "1235",
    "user_name": "Jane Doe"
  },
  {
    "user_id": "1236",
    "user_name": "John Ross"
  }
]
}
```

Sample Response - Multiple Tasks

```
{
  "paging": {
    "offset": 0,
    "limit": 1000,
    "total_records": 2
  },
  "data": [
    {
      "task_id": "1",
      "task_name": "Create project specification",
      "description": "My very first task",
      "color": ""
    }
  ]
}
```

```
    "tags": "",
    "notes": "",
    "start_date": "2014-09-01 00:00:00",
    "due_date": "2014-09-15 00:00:00",
    "date_completed": "0000-00-00 00:00:00",
    "ongoing": "0",
    "project_id": "35",
    "project_name": "My first project",
    "billable_hours": 0,
    "tracked_seconds": null,
    "estimated_hours": "0",
    "estimated_cost": "0",
    "hourly_rate": "0",
    "fixed_price": "0",
    "price": "0",
    "task_order": "1415893855",
    "active": "1",
    "important": "0",
    "completed": "0",
    "progress": "0",
    "billed": 0,
    "notifications": "1",
    "recurring": "",
    "archived": "0",
    "date_created": "2014-11-13 15:50:55",
    "date_modified": "2014-11-13 16:54:01",
    "user_id": "1234",
    "users": [
      {
        "user_id": "1234",
        "user_name": "John Doe"
      },
      {
        "user_id": "1235",
        "user_name": "Jane Doe"
      },
      {
        "user_id": "1236",
        "user_name": "John Ross"
      }
    ]
  },
  {
    "task_id": "1",
    "task_name": "Create project specification",
    "description": "My very first task",
    "color": "",
    "tags": "",
    "notes": "",
    "start_date": "2014-09-01 00:00:00",
    "due_date": "2014-09-15 00:00:00",
    "date_completed": "0000-00-00 00:00:00",
    "ongoing": "0",
    "project_id": "35",
    "project_name": "My first project",
    "billable_hours": 0,
    "tracked_seconds": null,
    "estimated_hours": "0",
```

```
"estimated_cost": "0",
"hourly_rate": "0",
"fixed_price": "0",
"price": "0",
"task_order": "1415893855",
"active": "1",
"important": "0",
"completed": "0",
"progress": "0",
"billed": 0,
"notifications": "1",
"recurring": "",
"archived": "0",
"date_created": "2014-11-13 15:50:55",
"date_modified": "2014-11-13 16:54:01",
"user_id": "1234",
"users": [
  {
    "user_id": "1234",
    "user_name": "John Doe"
  },
  {
    "user_id": "1235",
    "user_name": "Jane Doe"
  },
  {
    "user_id": "1236",
    "user_name": "John Ross"
  }
]
}
```

Example Calls

Single Task

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

Simple List

```
curl -X GET "https://api.projectbubble.com/v2/tasks"
-H "domain: example.projectbubble.com"
-H "key: 27838413e610417bd866352767fe322ca97d94c8"
```

Get 10 tasks by due date

```
curl -X GET "https://api.projectbubble.com/v2/tasks?limit=10&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 tasks.

Create Task

POST /v2/tasks/[project_id]

Parameters

- project_id - Required. Project ID
- task_name - Required. Task name
- description - Description
- tags - Tags
- notes - Notes
- start_date - Start date (yyyymmdd)
- due_date - Due date (yyyymmdd)
- estimated_hours - Estimated hours
- estimated_cost - Cost
- hourly_rate - Hourly rate
- fixed_price - Fixed price?
- price - Price
- task_order - Task order
- active - Active? (2 is amber)
- important - Important?
- billed = Billed for?
- notifications - Notifications?
- recurring - Recurring task. Accepts the following string values:
 - D - Daily
 - W - Weekly
 - M - Monthly
 - Q - Quarterly
 - S - Semi yearly (Every six months)
 - Y - Yearly

- archived - Archived?
- user_id - Creator user ID
- users - Assigned user IDs
 - user_id - User ID
- teams - Assigned team IDs
 - team_id - Team ID

Sample Response

```
{
  "data": {
    "task_id": "1",
    "task_name": "Create project specification",
    "description": "My very first task",
    "color": "",
    "tags": "",
    "notes": "",
    "start_date": "2014-09-01 00:00:00",
    "due_date": "2014-09-15 00:00:00",
    "date_completed": "0000-00-00 00:00:00",
    "ongoing": "0",
    "project_id": "35",
    "project_name": "My first project",
    "billable_hours": 0,
    "tracked_seconds": null,
    "estimated_hours": "0",
    "estimated_cost": "0",
    "hourly_rate": "0",
    "fixed_price": "0",
    "price": "0",
    "task_order": "1415893855",
    "active": "1",
    "important": "0",
    "completed": "0",
    "progress": "0",
    "billed": 0,
    "notifications": "1",
    "recurring": "",
    "archived": "0",
    "date_created": "2014-11-13 15:50:55",
    "date_modified": "2014-11-13 16:54:01",
    "user_id": "1234",
    "users": [
      {
        "user_id": "1234",
        "user_name": "John Doe"
      },
      {
        "user_id": "1235",
        "user_name": "Jane Doe"
      }
    ]
  }
}
```

```
    {
      "user_id": "1236",
      "user_name": "John Ross"
    }
  ]
}
```

Example Call

```
curl -X POST "https://api.projectbubble.com/v2/tasks/35"
-H "domain: example.projectbubble.com"
-H "key: 27838413e610417bd866352767fe322ca97d94c8"
-d '{"task_name": "Create project specification",
"description": "My very first task",
"users": ["1234", "1235", "1236"]}'
```

Response Codes

```
201 - Task created
400 - Validation error, see returned text.
401 - Permission error. Your user account (API Key) does not have permission to access
tasks.
404 - Task not found
```

Update Task

PUT /v2/tasks/[task_id]

Parameters

- task_name - Task name
- description - Description
- tags - Tags
- notes - Notes
- start_date - Start date (yyyymmdd)
- due_date - Due date (yyyymmdd)
- date_completed - Date completed (yyyymmdd)
- project_id - Project ID
- minutes - Total minutes tracked
- hours - Hours (for non-autobill)
- days - Days (for non-autobill)
- estimated_hours - Estimated hours

- estimated_cost - Cost
- hourly_rate - Hourly rate
- fixed_price - Fixed price?
- price - Price
- task_order - Task order
- sharing - Sharing?
- active - Active? (2 is amber)
- important - Important?
- completed - **!!important!!** - All other params are ignored if this is set. See Complete Task
- resume - **!!important!!** - All other params are ignored if this is set. See Resume Task
- progress - Progress (0/100)
- billed = Billed for?
- notifications - Notifications?
- recurring - Recurring task. Accepts the following string values:
 - D - Daily
 - W - Weekly
 - M - Monthly
 - Q - Quarterly
 - S - Semi yearly (Every six months)
 - Y - Yearly
- archived - Archived?
- user_id - Creator user ID
- users - Assigned user IDs
 - user_id - User ID
- teams - Assigned team IDs
 - team_id - Team ID

Sample Response

```
{
  "data": {
    "task_id": "1",
    "task_name": "Create project specification",
    "description": "My updated task",
    "color": "",
    "tags": ""
  }
}
```

```
"notes": "",
"start_date": "2014-09-01 00:00:00",
"due_date": "2014-09-15 00:00:00",
"date_completed": "0000-00-00 00:00:00",
"ongoing": "0",
"project_id": "35",
"project_name": "My first project",
"billable_hours": 0,
"tracked_seconds": null,
"estimated_hours": "0",
"estimated_cost": "0",
"hourly_rate": "0",
"fixed_price": "0",
"price": "0",
"task_order": "1415893855",
"active": "1",
"important": "0",
"completed": "0",
"progress": "0",
"billed": 0,
"notifications": "1",
"recurring": "",
"archived": "0",
"date_created": "2014-11-13 15:50:55",
"date_modified": "2014-11-13 16:54:01",
"user_id": "1234",
"users": [
  {
    "user_id": "1234",
    "user_name": "John Doe"
  },
  {
    "user_id": "1235",
    "user_name": "Jane Doe"
  },
  {
    "user_id": "1236",
    "user_name": "John Ross"
  }
]
}
```

Example Call

```
curl -X PUT "https://api.projectbubble.com/v2/tasks/1"
-H "domain: example.projectbubble.com"
-H "key: 27838413e610417bd866352767fe322ca97d94c8"
-d '{"description": "My updated task"}'
```

Response Codes

200 - Task Updated
400 - Validation error, see returned text.

```
401 - Permission error. Your user account (API Key) does not have permission to access tasks.  
404 - Task not found
```

Delete Task

DELETE /v2/tasks/[task_id]

Sample Response

```
[ ]
```

Example Call

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

Response Codes

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

Complete Task

Completing a task also completes all subtasks.

PUT /v2/tasks/[task_id]/

Required Parameters

- completed - 1 = complete task

Sample Response

```
{  
  "data": {  
    "task_id": "1",  
    "task_name": "Create project specification",  
    "description": "My updated task",  
    "color": "",  
    "tags": "",  
    "notes": "",  
    "start_date": "2014-09-01 00:00:00",  
    "due_date": "2014-09-15 00:00:00",  
    "date_completed": "0000-00-00 00:00:00",  
    "ongoing": "0",
```

```
"project_id": "35",
"project_name": "My first project",
"billable_hours": 0,
"tracked_seconds": null,
"estimated_hours": "0",
"estimated_cost": "0",
"hourly_rate": "0",
"fixed_price": "0",
"price": "0",
"task_order": "1415893855",
"active": "0",
"important": "0",
"completed": "1",
"progress": "100",
"billed": 0,
"notifications": "1",
"recurring": "",
"archived": "0",
"date_created": "2014-11-13 15:50:55",
"date_modified": "2014-11-13 16:54:01",
"user_id": "1234",
"users": [
  {
    "user_id": "1234",
    "user_name": "John Doe"
  },
  {
    "user_id": "1235",
    "user_name": "Jane Doe"
  },
  {
    "user_id": "1236",
    "user_name": "John Ross"
  }
]
}
```

Example Call

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

Response Codes

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

Resume Task

Resuming a task does not change the status of subtasks.

PUT /v2/tasks/[task_id]

Required Parameters

- resume - 1 = resume task

Sample Response

```
{
  "data": {
    "task_id": "1",
    "task_name": "Create project specification",
    "description": "My updated task",
    "color": "",
    "tags": "",
    "notes": "",
    "start_date": "2014-09-01 00:00:00",
    "due_date": "2014-09-15 00:00:00",
    "date_completed": "0000-00-00 00:00:00",
    "ongoing": "0",
    "project_id": "35",
    "project_name": "My first project",
    "billable_hours": 0,
    "tracked_seconds": null,
    "estimated_hours": "0",
    "estimated_cost": "0",
    "hourly_rate": "0",
    "fixed_price": "0",
    "price": "0",
    "task_order": "1415893855",
    "active": "1",
    "important": "0",
    "completed": "0",
    "progress": "0",
    "billed": 0,
    "notifications": "1",
    "recurring": "",
    "archived": "0",
    "date_created": "2014-11-13 15:50:55",
    "date_modified": "2014-11-13 16:54:01",
    "user_id": "1234",
    "users": [
      {
        "user_id": "1234",
        "user_name": "John Doe"
      },
      {
        "user_id": "1235",
        "user_name": "Jane Doe"
      }
    ]
  }
}
```

```
{
  "user_id": "1236",
  "user_name": "John Ross"
}
1
}
```

Example Call

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

Response Codes

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