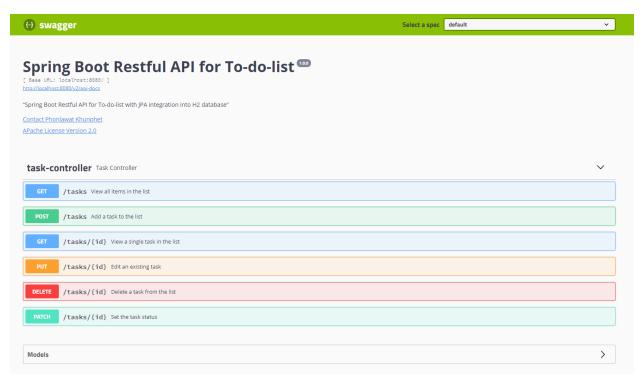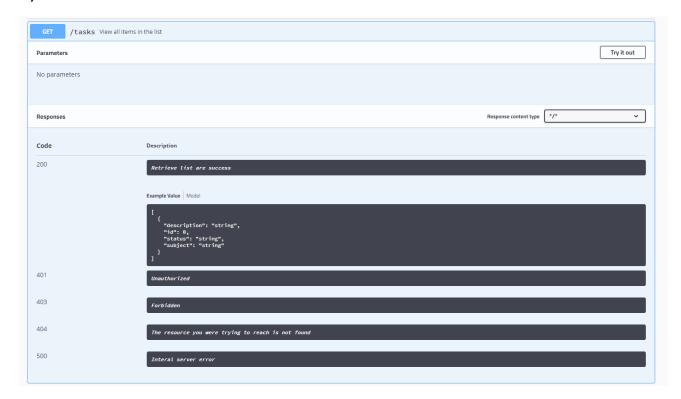# To-do-list API (Swagger 2)

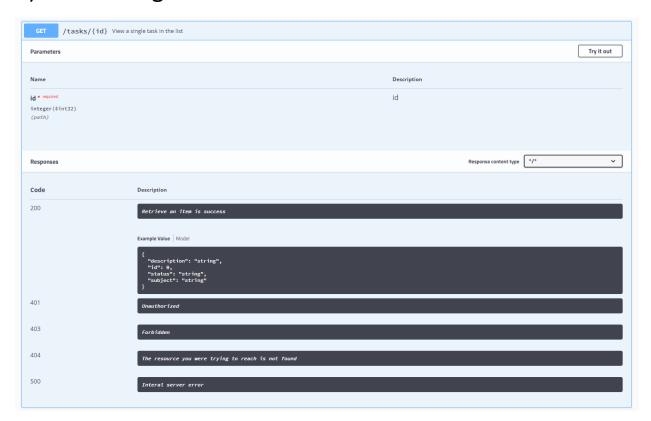1) You can access api via http://<host or ip>:<port>/swagger-ui.html

Example → http://localhost:8080/swagger-ui.html

2) View all items in the list

GET   /tasks   View all items in the list

Parameters   Try it out

No parameters

Responses   Response content type   */*

Code   Description

200   Retrieve list are success

            Example Value | Model

            [
              {
                "description": "string",
                "id": 0,
                "status": "string",
                "subject": "string"
              }
            ]

401   Unauthorized

403   Forbidden

404   The resource you were trying to reach is not found

500   Interal server error

3) View a single task in the list

GET   /tasks/{id}   View a single task in the list

Parameters   Try it out

Name   Description

id * required   id
integer($int32)
(path)

Responses   Response content type   */*

Code   Description

200   Retrieve an item is success

            Example Value | Model

            {
              "description": "string",
              "id": 0,
              "status": "string",
              "subject": "string"
            }

401   Unauthorized

403   Forbidden

404   The resource you were trying to reach is not found

500   Interal server error

4) Add a task to the list

Please remove "id" key when you create item (because it can be conflicted with other records)

POST /tasks Add a task to the list

Parameters
Try it out

Name	Description
task * required (body)	task

Example Value | Model

```
Task ∨ {
    description        string
                       a free text content or detail for the task
    id                 integer($int32)
                       The database generated task ID (Please remove this key when you create item)
    status*            string
                       a status of the task, whether it is pending or done
    subject*           string
                       a subject of the task
}
```

Responses
Response content type `*/*`

Code	Description
200	Add an item is success

Example Value | Model

```
{
    "message": "string"
}
```

201	Created
400	Parameters are mismatched
401	Unauthorized
403	Forbidden
404	The resource you were trying to reach is not found
500	Interal server error

5) Edit an existing task

PUT /tasks/{id} Edit an existing task

Parameters

Try it out

Name	Description
id * required	id
integer($int32)	
(path)	
task * required	task
(body)	Example Value | Model

```
{
    "description": "string",
    "id": 0,
    "status": "string",
    "subject": "string"
}
```

Parameter content type

application/json

Responses

Response content type */*

Code	Description
200	Edit an item is success

Example Value \| Model

```
{
    "message": "string"
}
```

201	Created
400	Parameters are mismatched
401	Unauthorized
403	Forbidden
404	The resource you were trying to reach is not found
500	Interal server error

6) Set the task status

PATCH /tasks/{id} Set the task status

Parameters   Try it out

Name   Description

id * required   id
integer($int32)
(path)

taskStatus * required   taskStatus
(body)
                              Example Value | Model
                              {
                                "status": "string"
                              }

                              Parameter content type
                              application/json   ⌄

Responses   Response content type */* ⌄

Code   Description

200   Edit an item is success

            Example Value | Model
            {
              "message": "string"
            }

204   No Content

400   Parameters are mismatched

401   Unauthorized

403   Forbidden

404   The resource you were trying to reach is not found

500   Interal server error

7) Delete a task from the list

| DELETE | /tasks/{id} | Delete a task from the list |

Parameters

Try it out

Name	Description
id * required integer($int32) (path)	id

Responses

Response content type `*/*`

Code	Description

200	Remove an item is success
	
	Example Value │ Model
	`{`
	`  "message": "string"`
	`}`

204	No Content
401	Unauthorized
403	Forbidden
404	The resource you were trying to reach is not found
500	Interal server error