

1. Install Nodejs

- Download link : <https://nodejs.org/en/download/>

2. Install MongoDB Community Edition

- Download : <https://www.mongodb.com/download-center#community>

3. Set Data directory store (in first time)

- Set a data directory to store data by using Command Prompt

```
"md \data\db "
```

*Note Default data directory path is data/db in MongoDB directory

**Note if you want to set a data directory in other path you can learn about that in this manual :

[Mongodb Install Manual](#)

4. Start MongoDB

- Open Command Prompt and use this following command to Start MongoDB

```
"(MongoDB Directory path)\Server\3.4\bin\mongod.exe"
```

Example

```
"C:\Program Files\MongoDB\Server\3.4\bin\mongod.exe"
```

```

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C:\Users\cochman1>"C:\Program Files\MongoDB\Server\3.4\bin\mongod.exe"
2017-04-28T00:59:00.404+0700 I CONTROL [initandlisten] MongoDB starting : pid=9064 port=27017 dbpath=C:\data\db\ 64-bit
host=MonnIdk
2017-04-28T00:59:00.404+0700 I CONTROL [initandlisten] targetMinOS: Windows 7/Windows Server 2008 R2
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] db version v3.4.4
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] git version: 888390515874a9debd1b6c5d36559ca86b44babd
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] OpenSSL version: OpenSSL 1.0.1u-fips 22 Sep 2016
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] allocator: tcmalloc
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] modules: none
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] build environment:
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] distmod: 2008plus-ssl
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] distarch: x86_64
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] target_arch: x86_64
2017-04-28T00:59:00.405+0700 I CONTROL [initandlisten] options: {}
2017-04-28T00:59:00.408+0700 I - [initandlisten] Detected data files in C:\data\db\ created by the 'wiredTiger' s
storage engine, so setting the active storage engine to 'wiredTiger'.
2017-04-28T00:59:00.408+0700 I STORAGE [initandlisten] wiredtiger_open config: create,cache_size=1476M,session_max=2000
0,eviction=(threads_min=4,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal
,compressor=snappy),file_manager=(close_idle_time=100000),checkpoint=(wait=60,log_size=2GB),statistics_log=(wait=0),
2017-04-28T00:59:01.869+0700 I CONTROL [initandlisten]
2017-04-28T00:59:01.869+0700 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2017-04-28T00:59:01.870+0700 I CONTROL [initandlisten] ** Read and write access to data and configuration is u
nrestricted.
2017-04-28T00:59:01.870+0700 I CONTROL [initandlisten]
2017-04-28T00:59:04.947+0700 I FTDC [initandlisten] Initializing full-time diagnostic data capture with directory 'C
:\data\db\diagnostic.data'
2017-04-28T00:59:05.025+0700 I NETWORK [thread1] waiting for connections on port 27017

```

- Open another Command Prompt and use this following command to connect

MongoDB

```
"(MongoDB Directory path)\Server\3.4\bin\mongo.exe"
```

Example

```
"C:\Program Files\MongoDB\Server\3.4\bin\mongo.exe"
```

```

Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\cochman1>"C:\Program Files\MongoDB\Server\3.4\bin\mongo.exe"
MongoDB shell version v3.4.4
connecting to: mongod://127.0.0.1:27017
MongoDB server version: 3.4.4
Server has startup warnings:
2017-04-28T00:59:01.869+0700 I CONTROL [initandlisten]
2017-04-28T00:59:01.869+0700 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2017-04-28T00:59:01.870+0700 I CONTROL [initandlisten] ** Read and write access to data and configuration is u
nrestricted.
2017-04-28T00:59:01.870+0700 I CONTROL [initandlisten]
>

```

5. Download API folder and start server

- Download link : <https://github.com/cochman1/todolistAPI>
- Open another Command Prompt and set path to API folder

```
"cd (API folder path)"
```

Example

```
"cd C:\Users\cochman1\Desktop\todolistAPI-master"
```

```
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\cochman1>cd C:\Users\cochman1\Desktop\todolistAPI-master
C:\Users\cochman1\Desktop\todolistAPI-master> █
```

-Load node.js library on package.json

“npm install”

- Start Server

“node index.js”

```
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\cochman1>cd C:\Users\cochman1\Desktop\todolistAPI-master

C:\Users\cochman1\Desktop\todolistAPI-master>npm install
todolist@1.0.0 C:\Users\cochman1\Desktop\todolistAPI-master
-- mongojs@2.4.0

npm WARN todolist@1.0.0 No repository field.

C:\Users\cochman1\Desktop\todolistAPI-master>node index.js
Starting node.js on port 7777
```

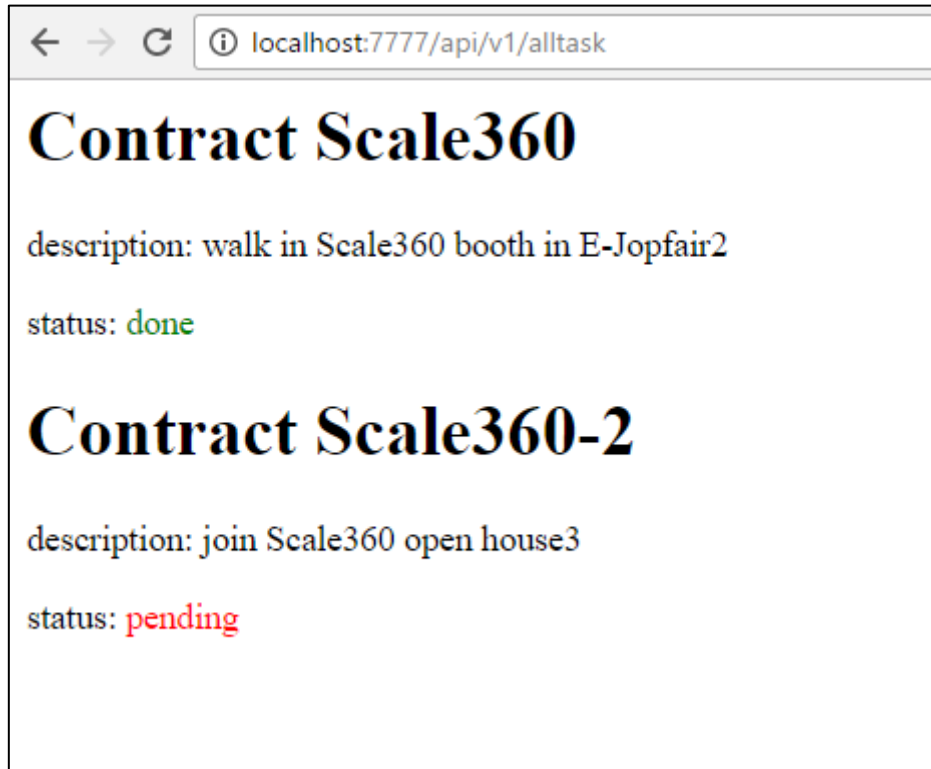
- Open this URL : <http://localhost:7777/> on your browser



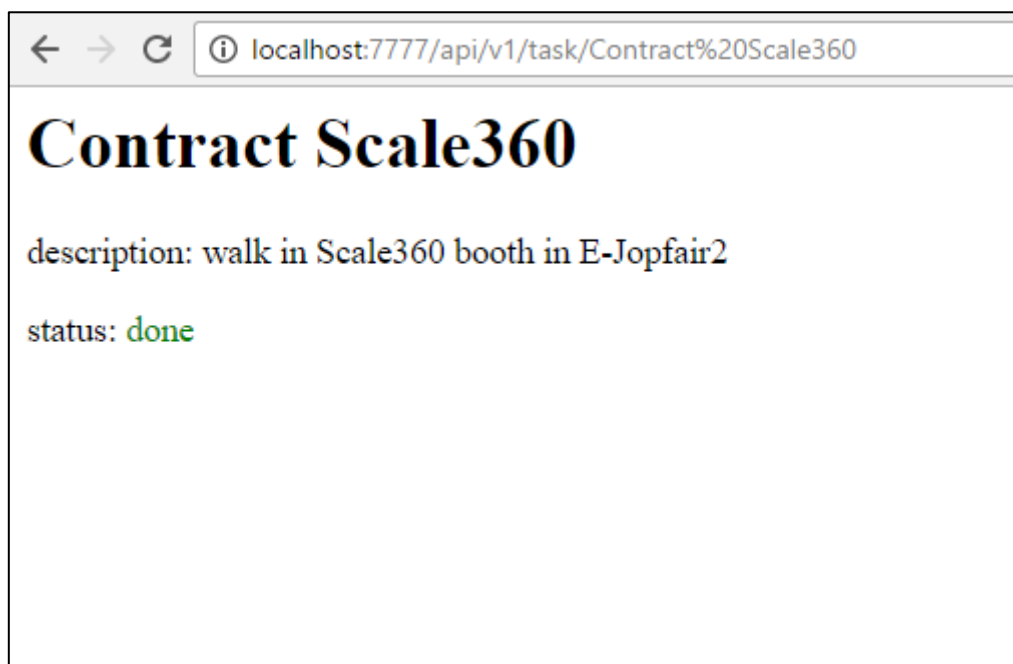
6. API Example

Get method

- <http://localhost:7777/api/v1/alltask> (Show all Tasks in list)



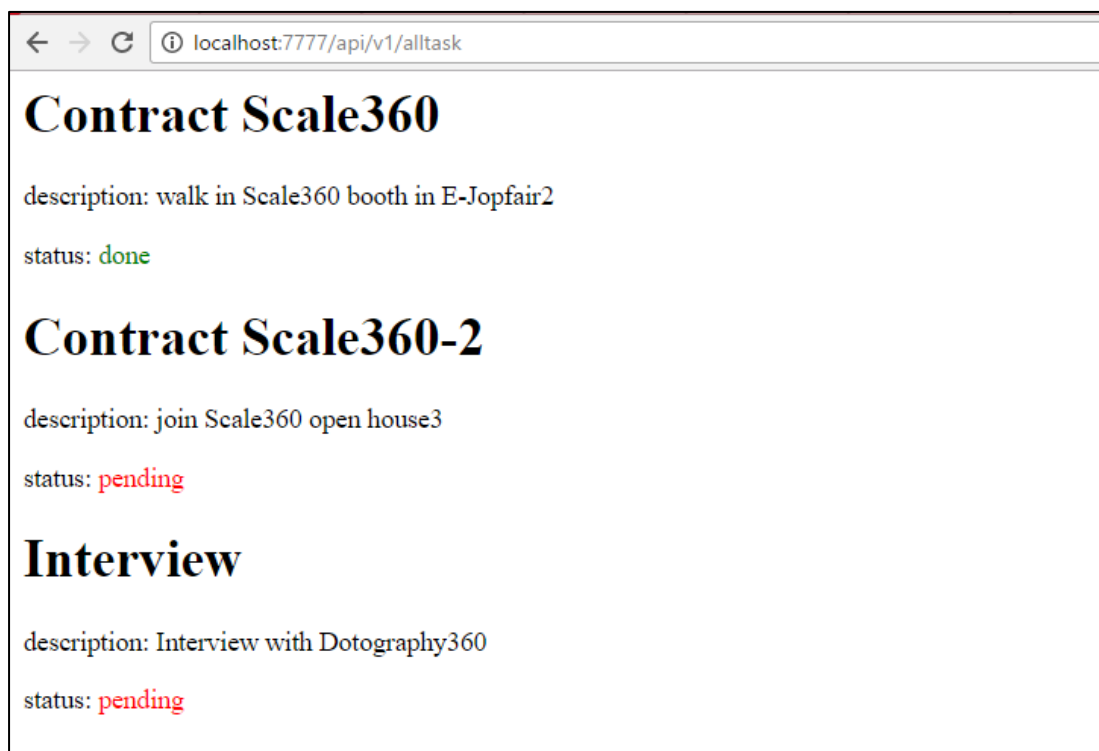
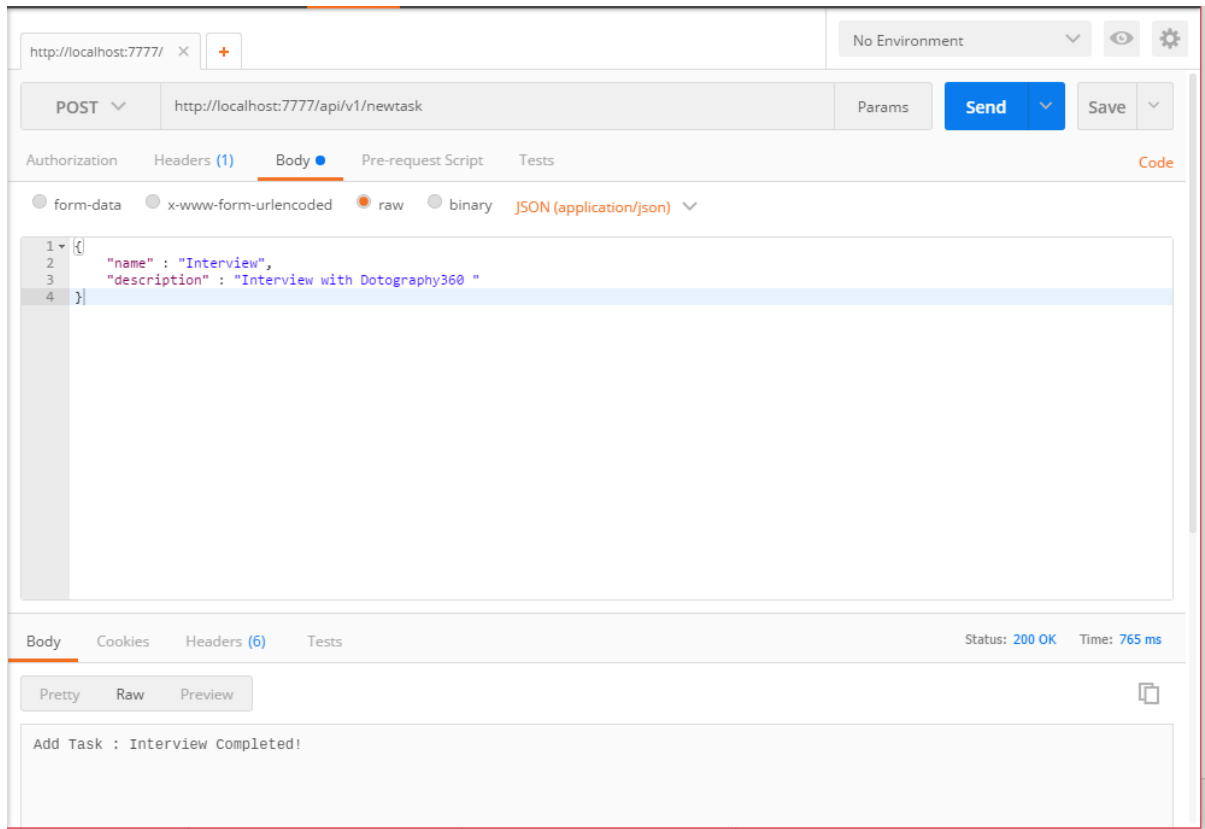
- <http://localhost:7777/api/v1/alltask> (Show single Task)



POST method

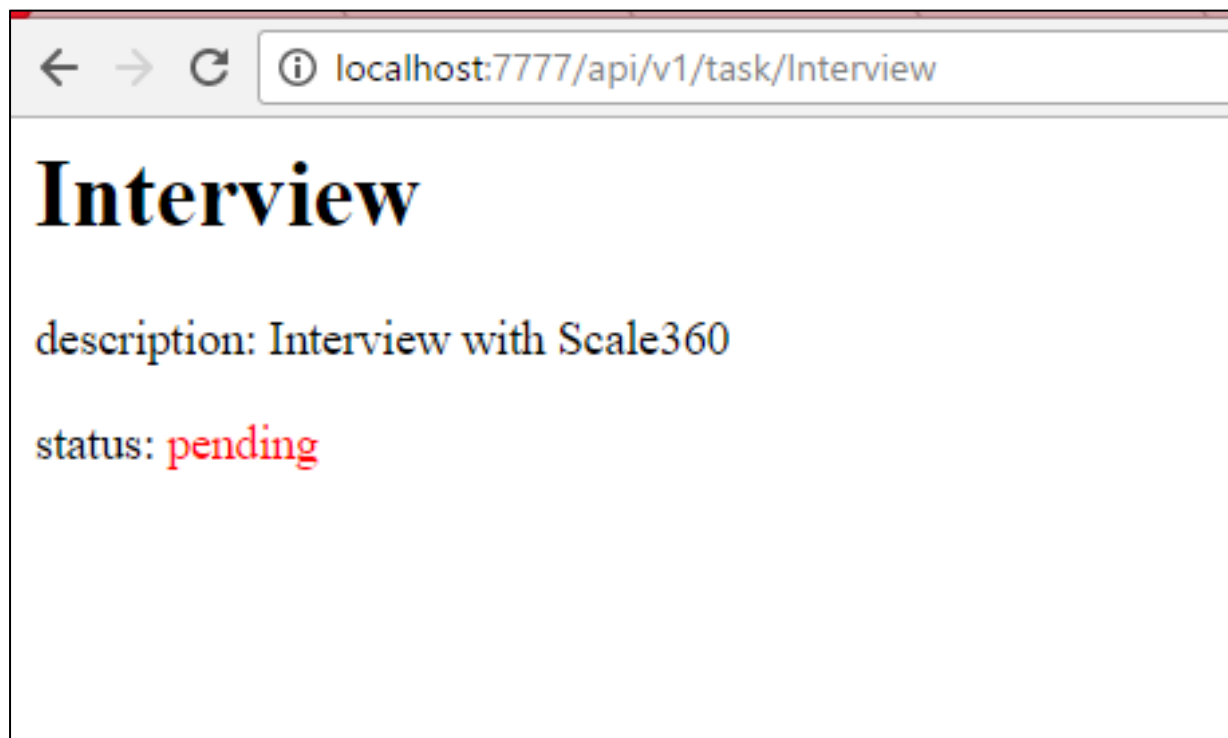
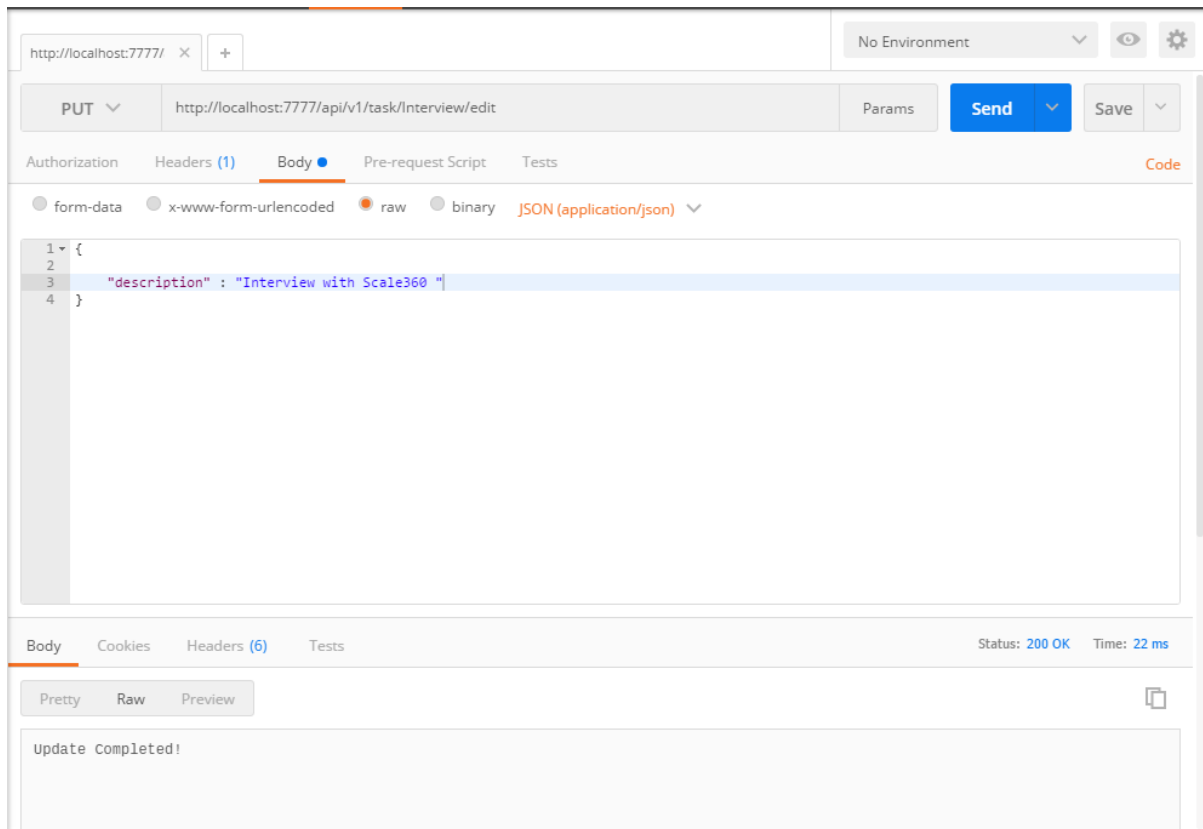
*Note : this Example use Postman App to send Post method

- <http://localhost:7777/api/v1/newtask> (Add new task)

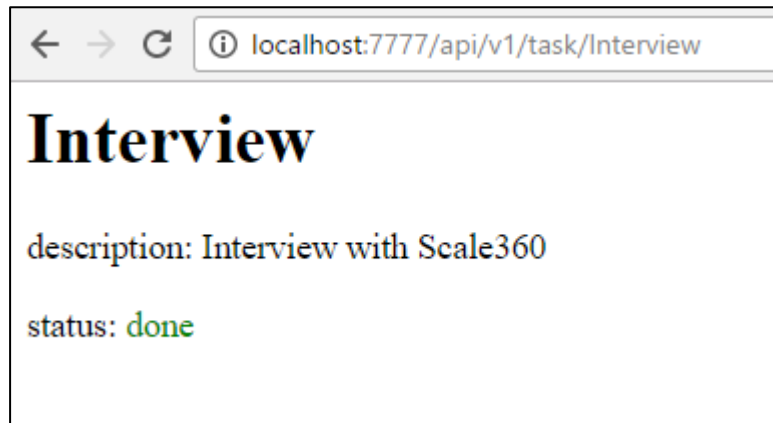


PUT method

- <http://localhost:7777/api/v1/task/Interview/edit> (Edit task)

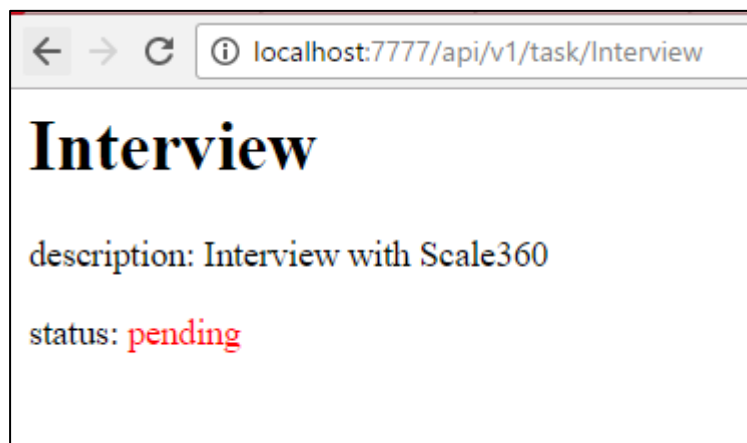


- <http://localhost:7777/api/v1/task/Interview/set-done> (Set task status to done)



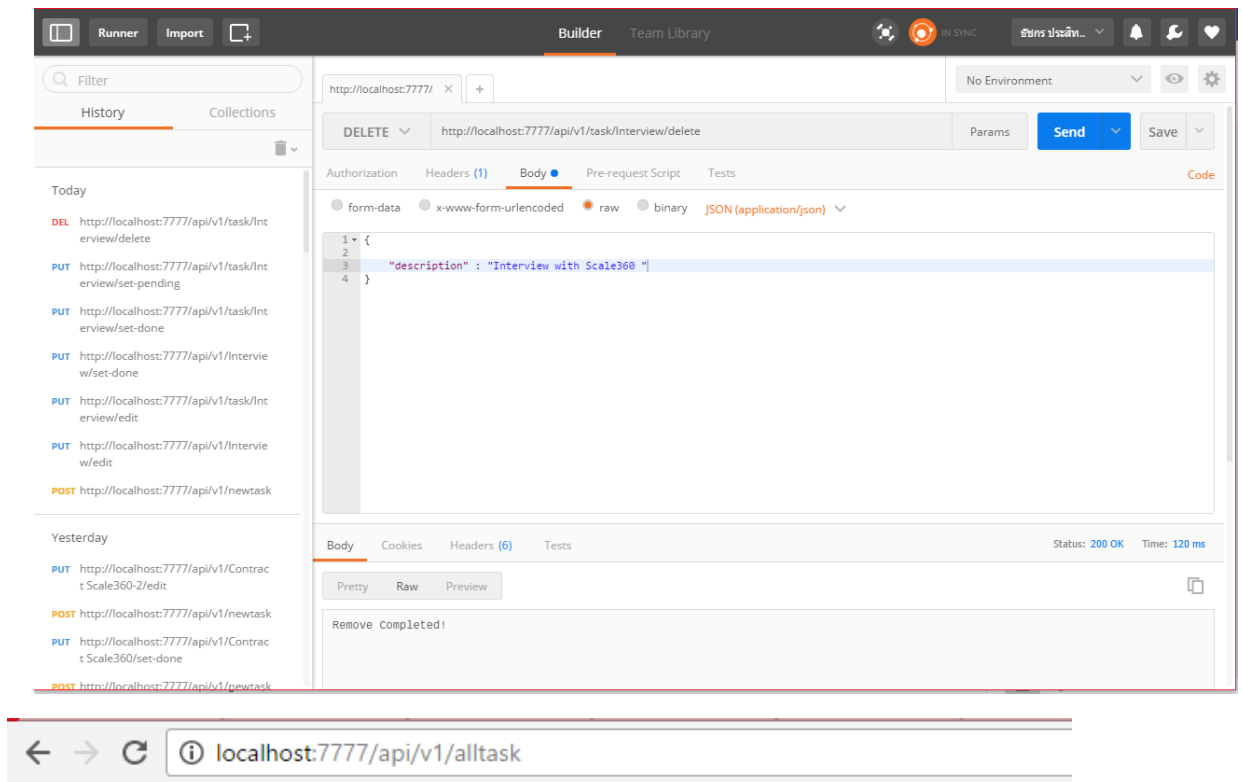
- <http://localhost:7777/api/v1/task/Interview/set-pending>

(Set task status to pending)



DELETE method

<http://localhost:7777/api/v1/task/Interview/delete> (Delete task)



Contract Scale360

description: walk in Scale360 booth in E-Jopfair2

status: **done**

Contract Scale360-2

description: join Scale360 open house3

status: **pending**