Preparation Steps for SEB API Course

The purpose is to best prepare you to engage in the demos, labs and exercises of the course.

In some cases, you may need to request SEB assistance to install some tools or similar.

Development Tools

The following items are meant to be installed for developing APIs on your computer. If you would like to perform these exercises during the course, you are welcome to download and install these tools.

However, if you'd rather watch the demos during the course and perform the exercises later you are welcome to do that instead. Due to time constraints, installation and configuration of these tools during the course may not be feasible.

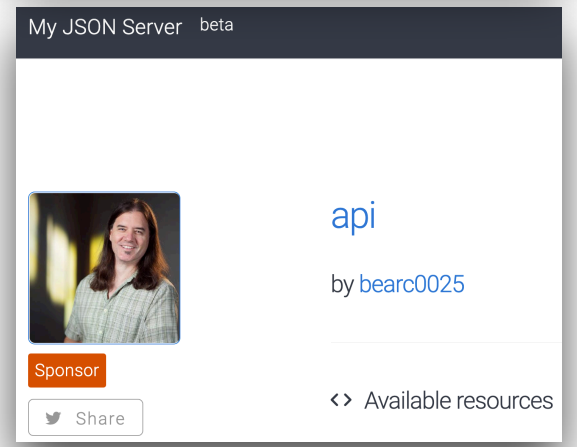
Online tools:

Verify these sites can be reached and look similar to the image to the right.
These sites will be used for demonstration and exercises with APIs.

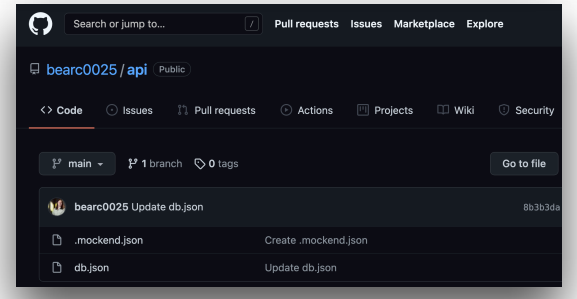
https://editor.swagger.io/



https://my-json-server.typicode.com/bearc0025/api/



https://github.com/bearc0025/api



* Also using your GitHub account is optional.

Install (4)



You may need admin (LAR) access to your computer to install some pieces. If so…
- Go to garden.sebank.se and search for “Developer Onboarding”
- Then follow the instructions for Local Admin Rights (LAR).

1. Node.js and npm

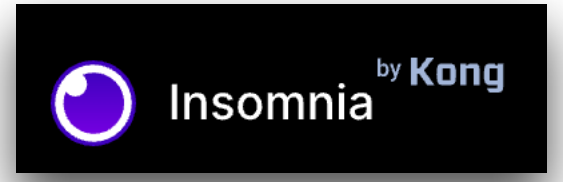
See https://nodejs.org/en/download/

If on SEB VPN or at an SEB location, execute:
npm config set registry https://repo7.sebank.se/artifactory/api/npm/seb-npm/

To troubleshoot see:
https://github.sebank.se/pages/seb-common/Developer-garden/detail_pages/developer-onboarding.html#node-and-npm

Windows:
Install pip
install python if needed

2. Insomnia



See https://insomnia.rest/download

3. Command Line Interface (CLI) for Insomnia



Download: https://github.com/Kong/insomnia/releases/tag/lib@3.14.0
Docker image: https://hub.docker.com/r/kong/inso

Docker alternative needs the SEB docker mirror. It implies an installed version “docker desktop” (requires an admin account elevation).
Docker desktop installation: https://github.sebank.se/pages/seb-common/Developer-garden/detail_pages/docker-desktop.html

Granted that the learner has Docker Desktop installed, the image should be pulled as follows:

```
s4325c@CZ7NCK3:~$ docker login docker.repo7.sebank.se -u s4325c
Password:

Login Succeeded
s4325c@CZ7NCK3:~$ docker pull docker.repo7.sebank.se/kong/inso
Using default tag: latest
latest: Pulling from kong/inso
df9b9388f04a: Pull complete
98cff93acaed: Pull complete
0acc45f3dfda: Pull complete
Digest: sha256:e9543a77f0753d92afff9a3272e8b6edcad704639659aaaebd3552a8d8e9edb2
Status: Downloaded newer image for docker.repo7.sebank.se/kong/inso:latest
docker.repo7.sebank.se/kong/inso:latest
```

Potential errors:

1. `Error saving credentials: error storing credentials - err: docker-credential-desktop.exe resolves to executable in current directory (./docker-credential-desktop.exe), out: ``
    - Resolution: Delete the line with `credsStore` from `~/.docker/config.json`.

4. JSON Server

npm install -g json-server
See: https://github.com/typicode/json-server