# Requirements

* Git
* Docker

# Running Behind Nginx Configuration

* The current deployment has been tested and worked successfully with nginx. If your host machine is running nginx, please use the following configuration for deployment. If nginx is not being used, please contact us:
  + location /dt4h/tofhir/api {

proxy\_pass http://127.0.0.1:6085/tofhir;

proxy\_set\_header Host $host;

proxy\_set\_header X-Real-IP $remote\_addr;

}

location /dt4h/tofhir {

proxy\_pass http://127.0.0.1:6082/;

proxy\_set\_header Host $host;

proxy\_set\_header X-Real-IP $remote\_addr;

}

* After adding the configuration, nginx needs to be restarted:
  + sudo service nginx reload

# Downloading DT4H Mapping Configurations

DT4H mapping configurations are maintained in the project’s GitHub repository. Below, we

* Create and navigate into a working directory to run the tools: <workspaceDir>
* git clone <https://github.com/DataTools4Heart/data-ingestion-suite.git>
* git clone <https://github.com/DataTools4Heart/common-data-model.git>

# onFHIR Deployment

* Run inside the working directory:
  + ./common-data-model/docker/run.sh

# toFHIR Deployment

* Download the password file for SRDC’s private Docker repository from: <https://srdcltd.sharepoint.com/:t:/s/DataTools4Heart/ERRInhWGLy5Cvfwn9JFaNOEBUmc1jjjP-bjCz3lAvYu9DQ?e=AsvrVi>
* Copy the file into <workspaceDir> directory.
* Run the following scripts in the <workspaceDir>:
  + ./data-ingestion-suite/docker/nginx-deployment/pull.sh
  + ./data-ingestion-suite/docker/nginx-deployment/run.sh

# Execution of Mappings with Dummy Data

# Navigate to http://<hostname>/dt4h/tofhir

* Click on the your project and click on Open
* Click on Executions
* Click on green arrow next to the “x-deploy” entry
* Click on the right-double-arrow icon to select all the mappings for execution
* Click Run button
* You can check the status of the execution by first checking the list of executions by clicking on the Refresh icon. Then, you can go into the details of the execution and see status of individual mapping tasks included on the “x-deploy” job.

For more information about toFHIR, you can visit [toFHIR.io (onfhir.io)](https://onfhir.io/tofhir/).