# How to Debug File Metadata Service with IntelliJ

This document describes the steps how to debug file metadata service using IntelliJ.

## Step 1. Build Docker Image

(a). Before build the docker image, make sure that the version of ubuntu is the same as the one in docker file in [segydll.py](https://dev.azure.com/slb1-swt/Petrel/_git/SegyLibrary?path=/python-wrapper/src/segysdk/segydll.py) of SEGYLIBRARY.

(b). In the pip.conf, replace SEGY\_LIBRARY\_PAT with Personal Access Token.

[global]

extra-index-url=https://SegyLibraryFeed%40Local:SEGY\_LIBRARY\_PAT@pkgs.dev.azure.com/slb1-swt/\_packaging/SegyLibraryFeed%40Local/pypi/simple/

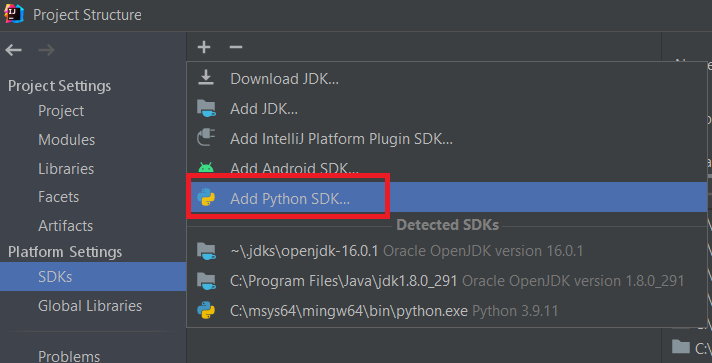
(c). Run the following command to build docker image.

> docker build -t seismic-metadata-image .

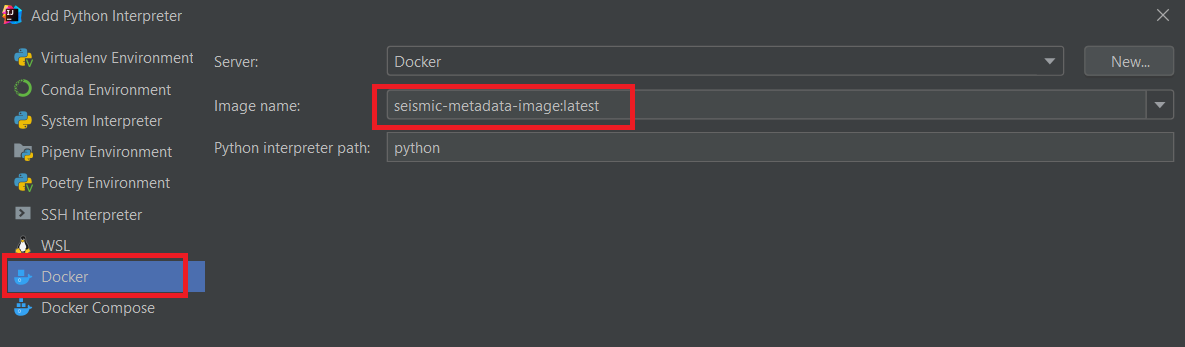
## Step 2. Load Project into IntelliJ

(a). Launch IntelliJ and open seismic-store-service\app\filemetadata folder.

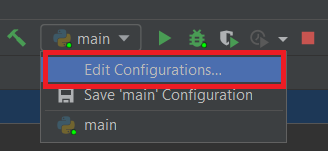
(b). From “File” menu, select “Project Structure” and select “SDKs” under “Platform Settings”, Click “+” to add Python SDK.



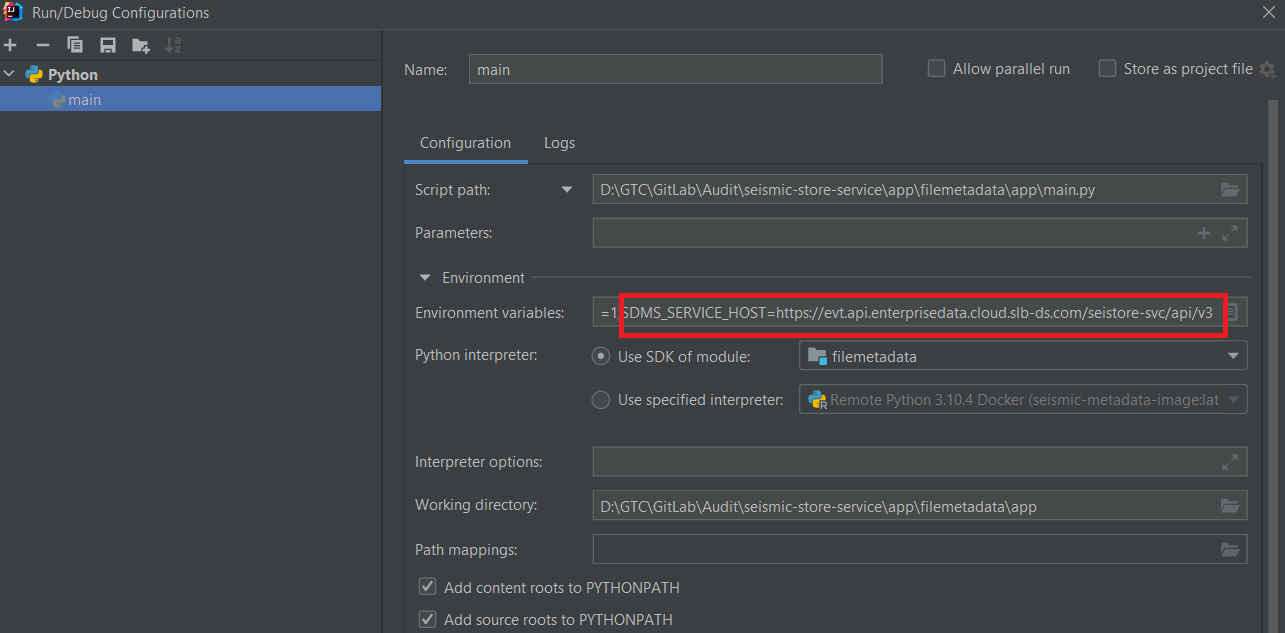
Select Docker and docker image.



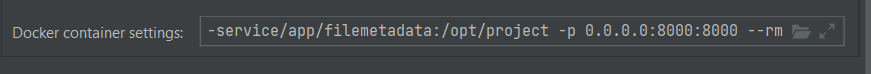
(c). Configure Debugging Configuration

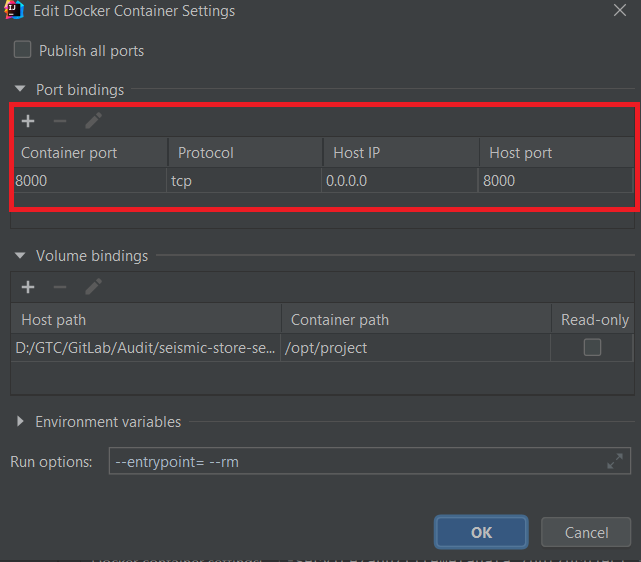


Add environment variable: SDMS\_SERVICE\_HOST=https://evt.api.enterprisedata.cloud.slb-ds.com/seistore-svc/api/v3 (For QA)



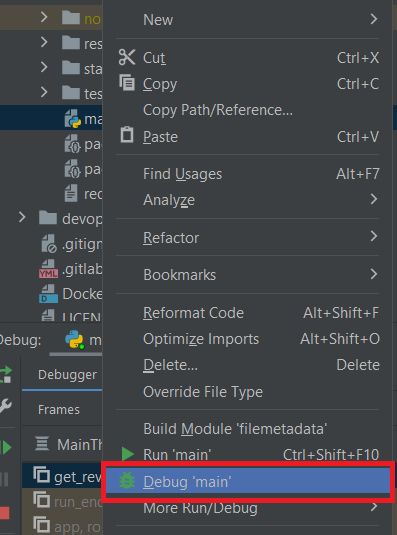
(d). Modify the Docker container setting





## Step 3. Start Debugging

Select “main.py” file and Click “Debug ‘main’” menu.



On the web browser, open <http://localhost:8000/seismic-file-metadata/api/v1/swagger-ui.html>

