

ProkaORF Shiny

Step 1. Building the image

```
docker build -t prokaorf . |& tee build.log
```

Step 2. Running the image

```
docker run -d -p 8080:3838 \
  -v /srv/shinyapps/:/srv/shiny-server/ \
  -v /srv/shinylog/:/var/log/shiny-server/ \
  prokaorf
```

Step 3: Using the ProkaORFShiny

Open the browser and access the URL: <http://localhost:8080>

View R logs

```
docker logs prokaorf
```

Open terminal from container

```
sudo docker run -it --rm prokaorf bash
```

Useful links (for developers)

- <https://hosting.analythium.io/running-shiny-server-in-docker/>
- <https://github.com/analythium/covidapp-shiny/blob/913d17f152351bb58d0772b4f9d3db139ca05b05/04-docker-deps/Dockerfile>
- <https://blog.sellorm.com/2021/04/25/shiny-app-in-docker/>
- <https://gist.github.com/GeorgeSabu/43d3e8437f4b745c96d29b433b9356ee>
- <https://hub.docker.com/r/rocker/shiny>
- <https://gist.github.com/GeorgeSabu/43d3e8437f4b745c96d29b433b9356ee>
- https://github.com/verbal-autopsy-software/openVA_App/blob/master/Dockerfile