SSW 2021 – Updated installation instructions

Hi all! We're excited to share QuakeMigrate with you in the live demonstration tomorrow!

We have slightly changed the plan – instead of requiring everyone to handle all of the operating system differences (in particular compilers and installing NonLinLoc), we have created a Docker image that contains everything required to run the live demonstration. As such, it would be useful if everyone could download Docker (https://www.docker.com/, 500MB). A link to the image (~800MB) will be made available in the QuakeMigrate demo slack channel later today. If the download sizes are prohibitive, the official installation instructions remain valid. If you have already installed QuakeMigrate using the official instructions, we will also provide a separate link to the demonstration notebook and required metadata files.

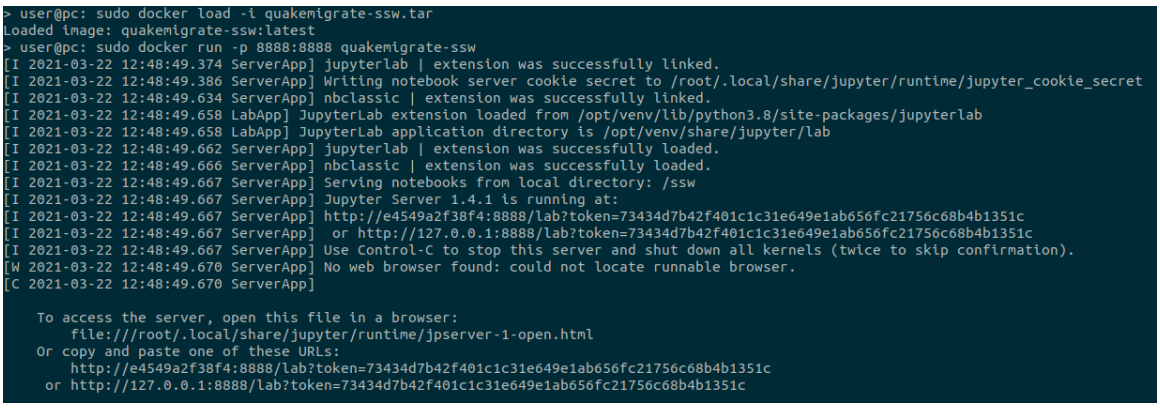
Once you have downloaded and installed Docker and downloaded the image, you need to open a new terminal (or PowerShell on Windows), navigate to the downloaded image and run (**note**: you may need to do this as root e.g. prepend sudo to the following commands):

```
docker load -i quakemigrate-ssw.tar
```

to load the image, followed by:

```
docker run -p 8888:8888 quakemigrate-ssw
```

Which creates a container for the image and links relevant ports. You can then copy the URL into any browser to load the Jupyter Lab session.



What is Docker?

Docker is a set of platform as a service products that use OS-level virtualisation to deliver software in packages called containers. Containers are isolated from one another and bundle their own software, libraries and configuration files; they can communicate with each other through well-defined channels. (From Wikipedia)

Do get in touch if you have any issues, either on the SSW slack channel or via email:

Conor – conor.bacon@esc.cam.ac.uk

Tom – tom.winder@esc.cam.ac.uk