SSW 2021 - Installation instructions

Hi all! We're excited to share QuakeMigrate with you in the live demonstration on Tuesday (23rd March). There are installation instructions on our website for Windows, Linux, and MacOS – found here (https://quakemigrate.readthedocs.io/en/latest/installation.html).

QuakeMigrate is a Python package and we will be using Jupyter for the demonstration. As such, we recommend you use an environment manager, such as Anaconda or virtualenv, to isolate the specific dependencies of QM from the rest of your system – found here (https://docs.anaconda.com/anaconda/install/)

Note – for the example we will go through in the workshop you will need to install NonLinLoc. Instructions for the installation of NonLinLoc on Linux/MacOS are provided on the installation page linked above. We are investigating whether it is also possible to install NonLinLoc on Windows (if anyone has experience with this, do let us know!), otherwise we will provide an alternative.

Note – a recent update (5 March 2021) to one of our dependencies (pyproj) has resulted in a very minor change to the numbers produced by QuakeMigrate, compared to our benchmarks. We are investigating further, but it (fortunately) does not impact the results produced by QuakeMigrate.

Docker

If anyone wishes to volunteer to try installation with Docker, do get in touch. We have an experimental Docker image that contains the pre-compiled source code and the Jupyter notebook used in the demonstration.

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

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