

# Jupyter tutorials

Ethoscopy is best used in a Jupyter instance. We provide a pre-baked docker container that comes with multiuser JupyterHub and the ethoscopy package: ethoscope-lab. Ethoscope-lab runs the Python 3.8 Kernel and the R Kernel and features an installation of rethomics too.

One of the biggest advantages of using Jupyter Notebook is that data treatment can be shared publicly in the most readable format. This is a great tool to aid scientific reproducibility and transparency to your publications.

We provide here below several example notebooks.

- Overview tutorial notebook ([here](#))
- HMM tutorial notebook ([here](#))
- Circadian tutorial notebook ([here](#))
- Navigating databases ([here](#))
- Converting data to HCTSA format ([here](#))

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