Ireland: Sorters Installation

Environment

conda env create -f environment.yml

https://github.com/SpikeInterface/spiketutorials/blob/master/NWB_Developer_Breakout_Session_Sep 2020/environment.yml

Then I installed manually all the missing packages and sorters:

https://github.com/Aleman-Z/spikesorting/blob/main/environment.yml

Sorters

For the installation of the sorters, I mainly used the steps that are described here:

https://spikeinterface.readthedocs.io/en/latest/install_sorters.html

Klusta

pip install klusta==3.0.16

pip install klustakwik2==0.2.7

Ironclust

git clone https://github.com/jamesjun/ironclust

Move to "~/Documents/SpikeSorting/"

iron_path = "~/Documents/SpikeSorting/ironclust";

ss.IronClustSorter.set_ironclust_path(os.path.expanduser(iron_path))

HeardingSpikes2

pip install herdingspikes==0.3.7

MountainSort4

Copying the folders:

- **ml_ms4alg**
- **ml_ms4alg-0.3.5.dist-info**

form Adrian's PC to **/home/genzel/anaconda3/envs/spiketutorial/lib/python3.6/site-packages/**

SpykingCircus

sudo apt remove openmpi

sudo apt install mpich libmpich-dev

conda install mpi4py

pip install spyking-circus==1.0.0 --no-binary=mpi4py

add in **Home/.bashrc: export PATH=$PATH:$HOME/.local/bin**

Tridesclous

pip install tridesclous==1.6.0