Spike2 Tutorial for Noobs

Familiarize yourself with Spike2

1. View the Basic screen layout
   1. Menu bar, toolbar, data window, channel number, result window, scroll bar
2. Make use of Help Index (it will be your friend!)
3. Learn Document types
   1. Data(.smr), Result(.srf), Script(.s2s), Resource(.s2r)
4. Learn Channel/channel types
5. Learn to control of Time views and Y-axis views
6. Run *BaseDemo* script (from Spike2)
7. Use cursors
8. Add a script to the toolbar. Run it!

Play around with Real Data

1. Load a real data set.
2. Manually review it. Optimize axes.
3. Make a ppt to keep screen shots of key steps that you want to remember (use PrtScn/paste)
4. Add a TextMark memory channel. Add an event.
5. Use cursors to find your event.
6. Add/try the sleepscore script.
7. Perform a PSD.
8. Perform a spectrogram (called sonogram in Spike2).

Sleep/Wake Staging

1. Load Korey’s modified sleepscore
2. Follow the ppt protocol to stage animal behavioral states