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```
EEG = pop_loadcnt ('/home/arno/temp/TEST.CNT', 'dataformat', 'int16'); EEG.setname = 'CNT file'; pop_eegplot (EEG, 1, 1, 1); EEG.setname = 'Continuous EEG Data'; EEG = eeg_eegrej (EEG, [295 512]); EEG.chanlocs = pop_chanedit (EEG.chanlocs, 'load', {'/matlab/eeGLAB/sample_data/eeGLAB_chan32.locs', 'filetype', 'autodetect'}); figure; topoplplot ([], EEG.chanlocs, 'style', 'blank', 'electrodes', 'labelpoint'); figure; pop_spectopo (EEG, 1, [238304.6875], 'EEG', 'percent', 15, 'freq', [6 10 22 ...
```

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e.g., 4096 columns mean 64 channels X 64 time points.

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[EEG, com, blinks, blinkFits, blinkProperties, blinkStatistics, params] = pop_blinker(EEG); Example Run BLINKER without manual intervention, using all of the default parameters: `[EEG, com, blinks, blinkFits, blinkProperties, blinkStatistics, params] = pop_blinker(EEG, struct()); Example

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```
mean_value=mean (EEGsig); threshold= (max_value-mean_value)/2; %Estimate the power spectrum of the 10-s epoch by computing the periodogram. %% this method is slide the window through the entire data at every 1/2 second, calculate the frequency, average it. [p,f] = pwelch (EEGsig,hamming (fs),.5*fs, 2*fs,fs); %%.
```

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See Manuals & Downloads / Repository for more sophisticated sample code to do data analysis. You can find there code to create PSDs plots, spectrograms, etc. Here is a simple example in Matlab (download the example here). This is a an example file to read NE data. First we load the file - change the filename below as needed. The file should be in the Matlab working directory in this case: `>> d=load('20120731153351_enobiodata.easy');`

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Here you will find functions and scripts that are useful when analysing intracranial EEG data (from depth SEEG electrodes, or ECoG subdural grids). Functions are for MATLAB. We use these function in FRONT neurolab (RITMO, University of Oslo) to do our analysis. Some are simple modifications from someone else's code. Other's are fully ours.

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