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igor2eeg

- **Description**

Conversion tool for IGOR (Waves) files to EEG format.

- **Usage**

```
igor2eeg myparfile myeegfile
```

with :

- myparfile : text file containing conversion parameters.
- myeegfile : output EEG file (no extension).

- **Fields of parameter file and example**

sampling_frequency 1000	Sampling frequency (Hz) of the output file.
channel_nb 6	Number of channels in output file (one Igor file = one channel).
channel_filename_list lfp_l1.ibw lfp_l2.ibw lfp_l3.ibw lfp_r1.ibw lfp_r2.ibw lfp_r3.ibw	Igor (Waves) file name list (with extension).
channel_name_list L1.1256 L2.1257 L3.1258 R1.2097 R2.2098 R3.2099	Output channel name list : Names and numbers corresponding to elec.dat definition for converted channels, or name and -1 if the channel is not defined in elec.dat.
stim_nb 3	Number of files containing stimulations (events). If omitted, no event are imported.
stim_filename_list TimeTable_LP_REM.ibw TimeTable_LP_SWS.ibw TimeTable_LP_W.ibw	Igor (Waves) file name list (with extension) containing stimulations. Required if field "stim_nb" is present.
stim_code_list 1 2 3	Event code list to associate to each stimulation file above. Required if field "stim_nb" is present.

- **Example**

- **Comments**

- One Igor file contains only one LFP channel.

- **Current version**

1.03 19-04-2016

- **History**

- 1.00 28-07-2008 (PEA) : 1st version.
- 1.01 29-07-2008 (PEA) : support double and float data types. Support event list.
- 1.02 04-12-2015 (PEA) : Igor Wave file v5 fixes (64 bits issues).
- 1.03 19-04-2016 (PEA) : fix overflow error in data conversion (physical maximum estimation error).

- **Files**

\$ELANPATH/bin/igor2eeg
\$ELANPATH/bin64/igor2eeg

- **See also**

Lyon Neuroscience Research Center - Brain Dynamic and Cognition team

CRNL



Source URL: <http://elan.lyon.inserm.fr/?q=igor2eeg>