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eegresyncchan

- **Description**

Removes time offset of a list of channels of an EEG file.

- **Usage**

```
eegresyncchan myeegfilein.eeg myparameterfile.par myeegfileout.eeg
```

with :

- myeegfilein.eeg : input EEG file to modify (with extension).
- myparameterfile.par : filtering parameter file (with extension).
- myeegfileout.eeg : output EEG file (with extension).

- **Fields of parameter file and example**

```
channel_offset_samples 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0
2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2
2 2 2 2
0 0
```

List of the actual time offsets in samples. One value for each channels. Offsets are subtracted. The total number of flags is N+2, N being the number of recorded channels in myeegfilein.eeg file; the last 2 channels correspond to event channels.

In this example, N=129, and channels 1 to 64 have no time offset, as channel 64 to 129 have a time offset of 2 samples. The last 2 channels (events and counter) are not modified.

- **Examples**

1. The command line below illustrates the above example :

```
eegresyncchan eeg_1.eeg resync.par eeg_1.resync.eeg
with
eeg_1.eeg : the EEG file to correct.
resync.par available to download here [1].
eeg_1.resync.eeg : the modified EEG file.
```

- **Comments**

- **Current version**

1.01 25-03-2011

- **History**

- 1.00 03-03-2011 (PEA) : 1st version.
- 1.01 25-03-2011 (PEA) : fixes large file reading for 32 bits version.

- **Files**

\$ELANPATH/bin/eegresyncchan

- **See also**

Attachment	Size
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resync.par ^[2]	630 bytes
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Lyon Neuroscience Research Center - Brain Dynamic and Cognition team

CRNL



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

Links:

[1] <http://elan.lyon.inserm.fr/?q=sites/default/files/resync.par>

[2] <http://elan.lyon.inserm.fr/sites/default/files/resync.par>