

Download and copy Brainstorm processes to user directory

- <https://github.com/multifunkim/best-brainstorm/tree/develop/processes>
- [process_be_cbrain_export.m](#); [process_be_cbrain_import.m](#)

The image shows a GitHub repository for 'multifunkim/best-brainstorm' with the 'develop' branch selected. The 'processes' directory is highlighted, showing a list of files including 'process_be_cbrain_export.m' and 'process_be_cbrain_import.m'. Two browser windows are overlaid, showing the download of these files from raw.githubusercontent.com. A red circle highlights the download icon in both browser windows. A red arrow points from the download icon in the second browser window to a Windows File Explorer window. The File Explorer window shows the path 'C:\Users\aliobaibk\.brainstorm\process\' and a table of files:

| Name | Date modified | Type | Size |
|----------------------------|-------------------|-------------|------|
| process_be_cbrain_export.m | 15-Jul-20 8:37 AM | MATLAB Code | |
| process_be_cbrain_import.m | 15-Jul-20 8:37 AM | MATLAB Code | |

Typical location:

- **Windows:** C:\Users\username\.brainstorm
- **Linux:** /home/username/.brainstorm
- **MacOS:** /Users/username/.brainstorm

Brainstorm – export data

The image shows the Brainstorm software interface with several steps highlighted for exporting data:

- 1**: The **RUN** button in the bottom left corner of the main window is circled in red.
- 2**: A gear icon in the **Pipeline editor** window is circled in red.
- 3**: The **Extra** menu is open, and **BEst: CBRAIN export** is highlighted in red.
- 4**: The **Output directory** field in the **Pipeline editor** is set to `C:\Users\laliobaibk\Desktop\cbrain-demo`, and the **...** button next to it is circled in red.
- 5**: The **Run** button at the bottom right of the **Pipeline editor** is circled in red.

At the bottom of the main window, a list of processes is shown, with **data_02** and **data_01** highlighted in red and labeled **0**.

| Process Name | Count |
|--------------|-------|
| data_02 | [1] |
| data_02 | [1] |
| data_01 | [1] |
| data_02 | [1] |

Launch Best...

E.g.:

```
best inputData "meg-data-collection01.tar.gz" outputDirName "crv97" memMethod  
cMEM sensorTypes MEG reconstructionWindow "-0.5 0.3" baselineWindow "-2 -1"  
baseline "emptyroom-crv.mat" useParallel true maxWorkers 10
```

```
best inputData "eeg-data01.mat" outputDirName "wrv97" memMethod wMEM  
sensorTypes EEG reconstructionWindow "0 10" baselineWindow "-2 0" frequencies  
8-13 useParallel true maxWorkers 10
```

Brainstorm – import data

The image displays two overlapping screenshots of the Brainstorm software interface, illustrating the process of importing data.

Left Screenshot (Pipeline Editor): Shows the 'Pipeline editor' window. The 'Process selection' menu is open, and the 'Import' category is selected. Within the 'Import' menu, the option 'BEst: CBRAIN import' is highlighted with a red box. Other options visible include 'BEst: CBRAIN export', 'Extra', 'Events', 'Pre-process', 'Artifacts', 'Standardize', 'Average', 'Sources', 'Extract', 'Frequency', 'Connectivity', 'Test', 'Decoding', 'Simulate', 'File', 'NIRS', and 'Electrophysiology'.

Right Screenshot (Main View): Shows the main Brainstorm interface. The 'Files to process: Data' list is visible, containing several entries for different subjects and studies. Each entry has a small icon next to it, which is highlighted with a red box. The entries are: 'cMEM: EEG-MEG | timewindow: 0.' for 'sub-01', 'cMEM: EEG-MEG | timewindow: 0.' for 'sub-12', and 'cMEM: EEG-MEG | timewindow: 0.' for 'sub-12'. The interface also shows a 'Record Filter Surface Scout' panel and a 'Page settings' panel with 'Epoch: 0', 'Start: 0', and 'Duration: 0 s'.