

LemurEdit™ 1.5a (2185)

A Graphical Editing Tool for Lemur™ Analyses

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Requirements:

LemurEdit requires a Mac II or greater with a FPU. The amount of memory needed is directly proportional to the size of the analysis files you want to load. 4MB is recommended for a one- to two-second analysis with lots of peak data. LemurEdit is known to run on System 6.0.5 or higher.

Viewing an MQ-File:

1. Choose an appropriate resolution for gray-scale by entering the Monitors portion of the Control Panels. The higher the resolution, the more detailed the amplitude information.
2. Launch LemurEdit.
3. Choose an appropriate amplitude scaling method. Logarithmic scaling is recommended since it tends to show more detail than linear scaling.
4. Open a Lemur analysis by selecting "Open MQ-File" from the File Menu. LemurEdit will load the file into memory and display it on the screen. You can have multiple analyses open at one time.

Region Selection:

To select a region, click and hold down the mouse button at some point within the graph. Drag the mouse to the opposite corner of your region and let go. The display of the region will be inverted. Then, from the Options Menu, choose:

"Zoom" (Command-Z)	to zoom in on the selected region.
"Select Tracks" (Command-S)	to select all tracks within the region
"Deselect Tracks" (Command-D)	to deselect all tracks within the region
"Toggle Tracks" (Command-T)	to toggle all tracks within the region.

Keep in mind that when selecting tracks, only those tracks whose birth occurs within the selected region will be highlighted. If a track begins outside of your region, it will not be selected even if the track passes through it.

Manual Track Selection:

Simply clicking the mouse button will select the closest track in the vertical direction. If no track passes through the frame where the cursor is, no track will be selected.

Generating New MQ Files:

Once you have selected the tracks you are interested in, select from the File menu,

"Generate New MQ-File" (Command-G) to generate a new analysis file.

The new analysis will have the same length as the original analysis file, but it will contain only the tracks you selected.

Playing an Lemur analysis in real time using the Capybara™:

This is part of work in progress, and should only be used after consultation with the CERL Sound Group. If you have a Capybara, you can use a Sum-Of-Sines (SOS) Kyma sound to play back MQ-files in real time. Start Kyma and play the Setup sound that corresponds to the SOS-version of the analysis you are going to synthesize. Then launch LemurEdit, and load the MQ-version of the analysis. From the Options menu choose:

“Play” (Command-P) to play the selected tracks.

The Capybara will play the selected tracks and then loop back after reaching the end of the analysis. Press Command-K to stop playing.

Known bugs:

Occasionally when playing analysis files through the Capybara, the SOS program will hang. This can be remedied by replaying the Setup sound in Kyma.