

Assignment 5: equalizer

Description:

Create a program able to perform equalization on an audio file and an interface for controlling the equalization setup.

Using SuperCollider, load an audio file and play it applying equalization. For this purpose, some classes are available in SuperCollider but feel free to use any technique.

For controlling the equalization setup implement a user interface using OSC communication protocol. For the user interface you can use Processing, JUCE or any other device (smartphone with OSC apps, Arduino, Kinect, ...).

Be creative, feel free to combine different components for visualization and user interaction and control.

Output:

- a brief presentation and demonstration of your work (max 5 minutes) that will be given to the class
- a more detailed report in which you illustrate your system and its implementation (max 5 pages).
- a link to a repository containing the code (e.g. on GitHub) with minimal comments.