Real-time Wikipedia data musicalized with pure data

Visualizing of real-time Wikipedia edits with javascript and wikipedias API:recent changes stream1  and producing music using pure data. To do this, developers in 2014 made JSONRCFeedFormatter.php, which formats each recent change as JSON and sends it over Redis to a simple "RCStream" server at stream.wikimedia.org. To access the stream Socket.IO 0.9 protocol2 is used by installing it with npm3. Something similar has already been produced4 after researching the topic, but not by using pure data to generate the music. For the music I would be using Matt Davey pure data abstractions5 and creating different sounds depending on the values received from the real-time Wikipedia edits. If time allows, a visual representation of the data would be interesting to implement with html5 canvas and css3 animations. To create this connection between the real time stream and pure data the book on sonification will come in handy6.

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