

Rhythmr

Or, Semi-Automated Audio Loops

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Rhythmr

Demo 1



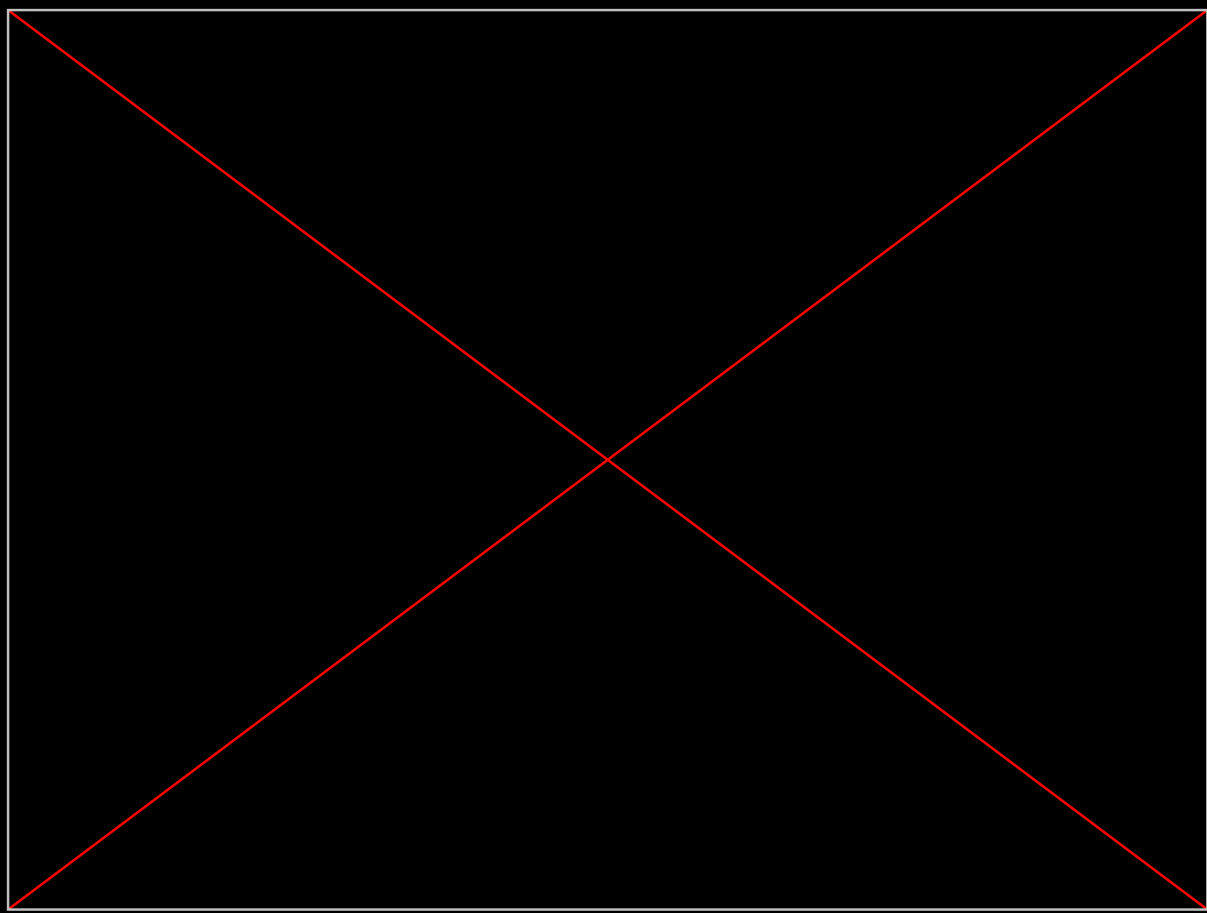
Maroon 5: Moves Like Jagger

+



Final Fantasy Battle Music





Rhythmr

Why Haskell?



Rhythmr

Why Haskell? Reliable.

- Fewer bugs
- Readable code
- Reliability
- Faster refactoring



Rhythmr

Why Haskell? Fast iteration.

The image displays the Rhythmr application interface, which is used for visualizing and analyzing complex systems. It consists of several windows:

- Terminal:** Shows Haskell code and system output, including the current stack and various system messages.
- Nice window:** Displays a 3D visualization of nodes and connections, showing a central node connected to several other nodes.
- Rhythmr (top):** Shows a 3D visualization of nodes and connections, with a 'Current stack' bar at the bottom.
- Rhythmr (bottom):** Shows a 2D visualization of nodes and connections, with a 'Current stack' bar at the bottom.

The Rhythmr logo is visible in the bottom right corner of the application windows.



Rhythmr

Why Haskell? Purity.

- Undo/Redo
- Session Recording
- State Management



Rhythmr

Why Haskell? Libraries.

- portaudio
- sndfile
- gloss
- linear



Rhythmr

Why Haskell? GHCi.



Rhythmr

Challenges

- Laziness + Profiling



Rhythmr

Demo 2



Dave Brubeck

+



More Dave Brubeck



Rhythmr

Thanks!

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rhythmr.com

