Frabjous day

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DESCRIPTION

Frabjous day is a live-coding performance using a new, browser-based live-coding environment, *gibberwocky*, co-developed by the performer with Dr. Graham Wakefield. gibberwocky features deepintegration with Ableton Live, possessing a variety of affordances for both musical sequencing and rapidly creating / assigning audio-rate modulation graphs. Like Gibber, another browser-based environment developed by the performer, gibberwocky places emphasis on dynamic annotations to source code that reveal the state of underlying algorithms. A new addition found only in gibberwocky isthe use of animated sparklines to visually depict synthesis modulations over time. gibberwocky also makes heavy use of a new JavaScript synthesis library, genish.js, to generate musical patterns via digital signal processing techniques.

PERFORMANCE DOCUMENTATION
https://vimeo.com/187702511

EQUIPMENT REQUIREMENTS
- Projector with HDMI feed
- 1/8" or 1/4" stereo audio feed and direct box
- Chair + laptop stand or low table

Nothing too complicated here; I plug my laptop into stereo speakers and a projector.

PERFORMER BIO

Dr. Charlie Roberts is an Assistant Professor in the School of Interactive Games and Media at the Rochester Institute of Technology, where he researches human-centered computing in digital arts practice. He is the lead designer and developer of Gibber, an open-source, creative coding environment for the browser, and has performed with it throughout North America, the UK and Asia in the experimental performance genre of live coding.

RELEVANT LINKS

gibberwocky : http://gibberwocky.cc
genish.js: http://charlie-roberts.com/genish

This performance will not be accompanied by a demo.