On- and off-screen: presentation and notation in interactive electronic music

Interactive Music Notation and Representation Workshop NIME 2014

Monday June 30th, Goldsmiths, University of London

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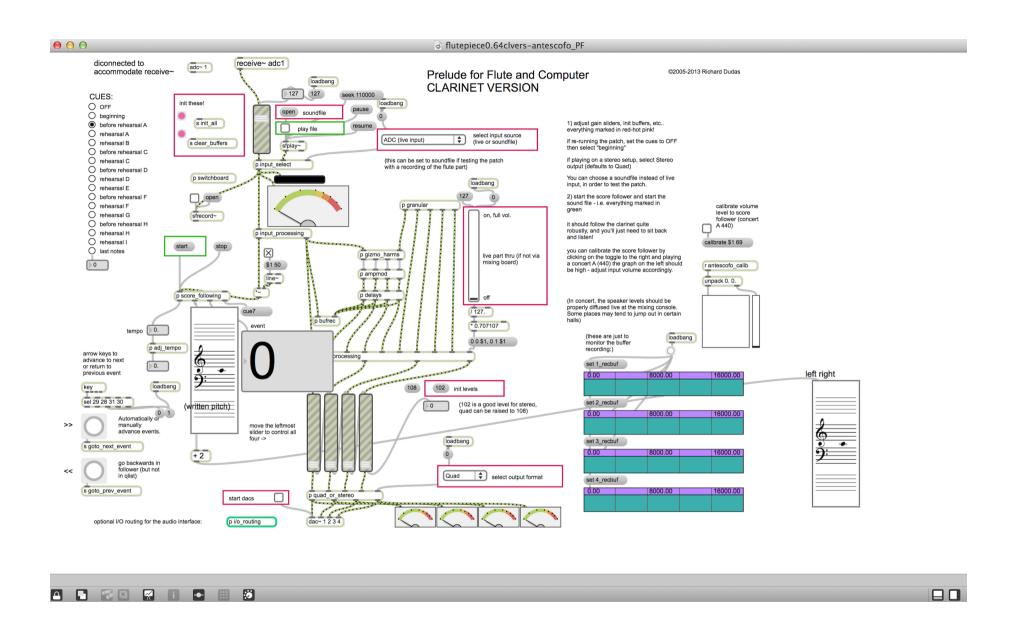
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on paper: personalisation / managing attention

resizing, reformatting (landscape/portrait), pencil markings, text, graphics (timing/dynamics), colour highlights, renotation, revision (pencil/reprinting)



Andrew May: Ripped Up Maps (1998-2011)

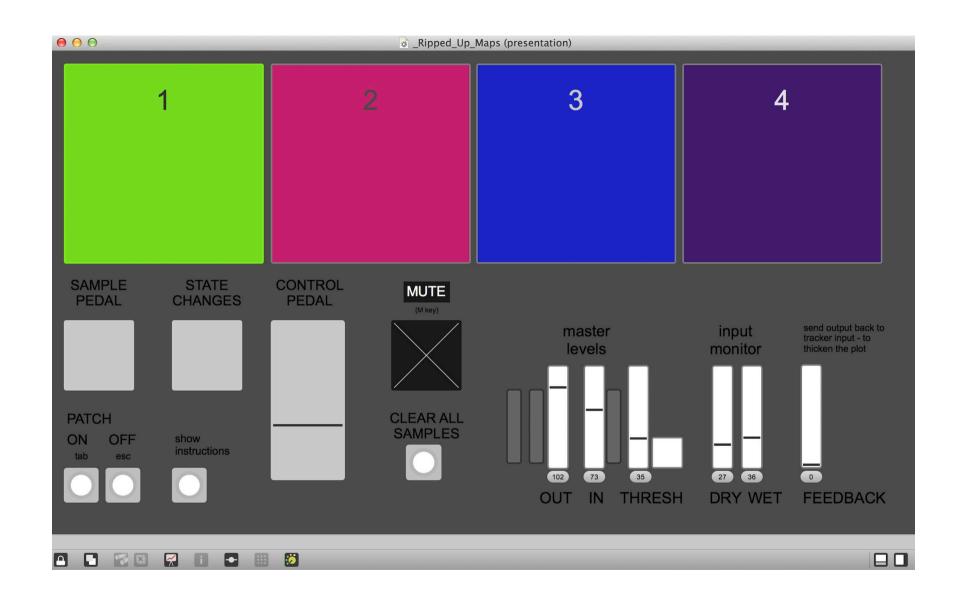
improvisation - for any instrument

Adaptations

- removal of distractions
- enlarging
- colouring
- layout
- background

Further suggestions

- investigate colour influence and optimisation
- Pcolours should match in both instructions and main patch
- iPad mirroring
- multiple presentation modes in Max/MSP
- move towards memorising

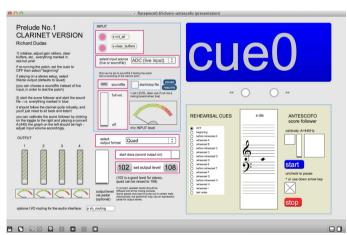


final version used (work in progress)



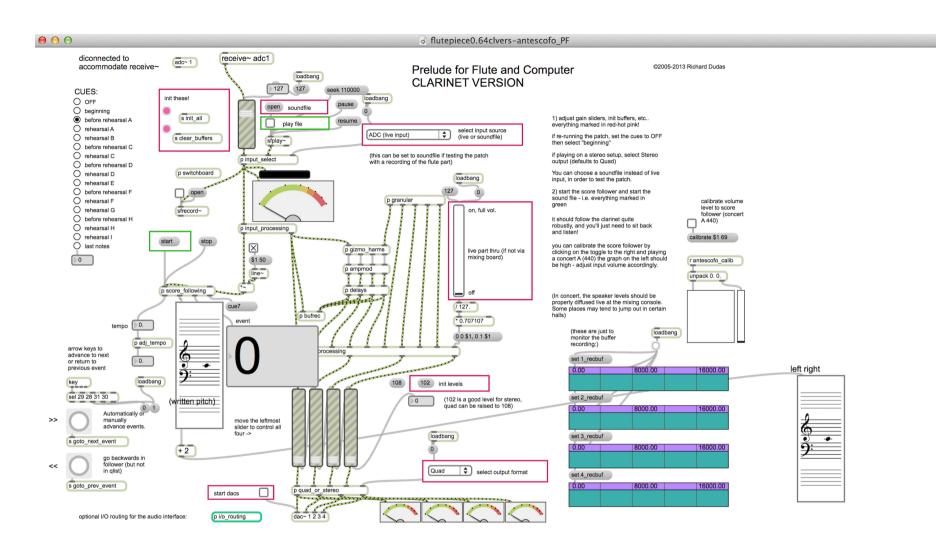
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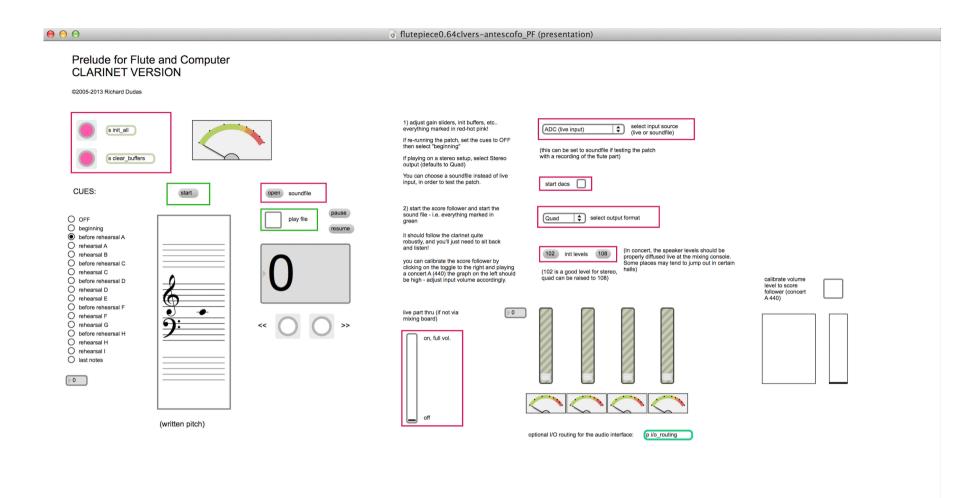


notational considerations:

- composer-oriented interface
- managing trust and attention
- entry-level usability







Switch between presentation and patching modes. Presentation mode is an easier way to create a user interface for your patcher











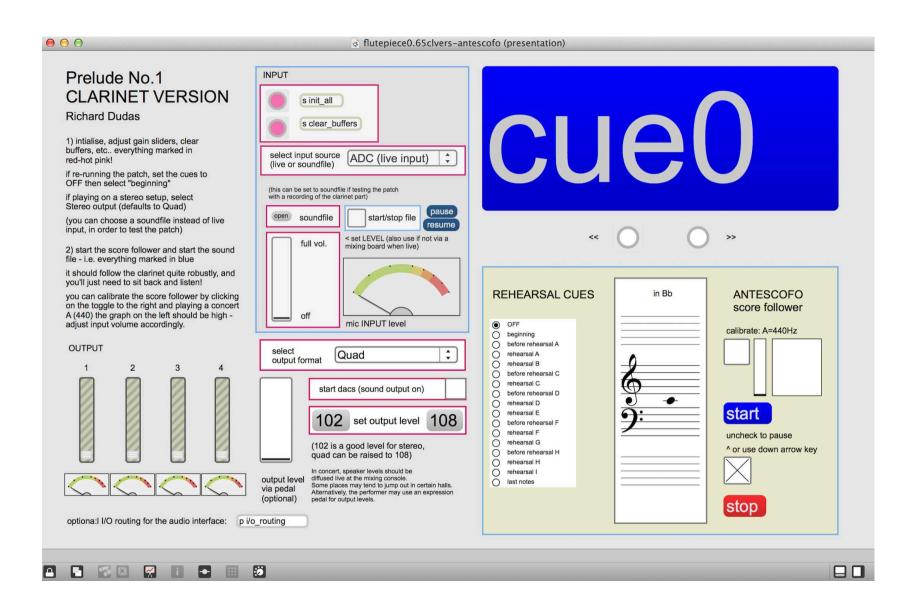












April 2014 GUI (work in progress)

Richard Dudas: Prelude no. 1

original (flute) 2005 clarinet transcription 2008, revised 2014

Adaptations

- removal of distractions
- Cue moving
- enlarging
- Colouring
- layout
- adjustment of score-follower for Bb instrument
- MIDI pedal output control
- background

Further suggestions

- improve cue list for rehearsal
- Read in treble clef only
- add further pedal control for input to the software and to skip back and forth between cues
- darken background colour for anti-glare

As before:

- investigate colour influence and optimisation
- iPad mirroring
- multiple presentation modes in Max/MSP
- move towards memorising

Martin Parker: gruntCount

for improvising musician and computer 2011-

Features

- bespoke settings
- graph notation: presets/timeline
- nuanced calibration
- ease of set up
- version selection
- audio settings
- number of 'grunts' (approximate length/ intensity of performance)
- MIDI pedal navigation and output control via separate remote app over network
- adaptability of use: composition (piece) or system/instrument





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- adaptability of use: composition (piece) or system/instrument

Further suggestions

- set up 'performance view' mode
- darken background colour for anti-glare

As before:

- investigate colour influence and optimisation
- iPad mirroring
- multiple presentation modes in Max/MSP
- move towards memorising



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