Writing interaction with i-score

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LaBRI

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The problem

- ► A lot of tools for entirely fixed temporal content
 → traditional song-writing.
- ► A lot of tools for fully interactive content

▶ What goes in between?

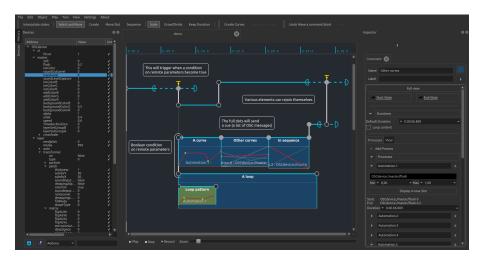
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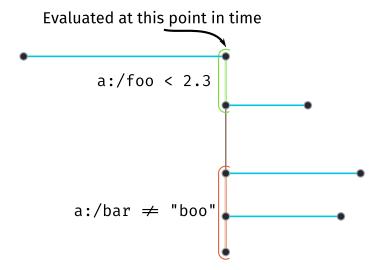
Visual temporal programming language



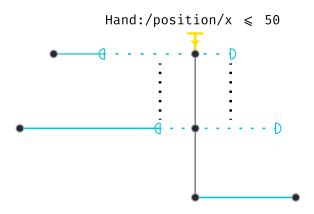
Working with distributed software



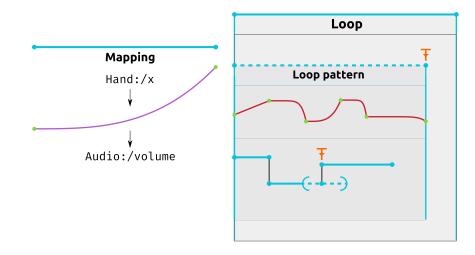
Conditions



Interactive triggering



Mapping, looping, and computations



Demonstration

Other applications

- ► Artistic and museum installations.
- ► Robot choreographies.
- ► Interactive music.

Ongoing research

- ► Spatial data creation and management.
- ► Audio integration.
- Handling specific interaction patterns (gestures, etc).
- Constraint solving to check unsound scores.

Thank you for your attention. ご清聴ありがとうございました。