

Contemporary Web Development

Lesson 9



<https://www.youtube.com/channel/UC1oSWSxWfP5vMBU7fGI0VeA/>

Guest Lecture

FRANTIC

Collaborative Synthesizer: A Reactive Functional approach



Let's try to draw the event and data flow

Chosen scenario: User input on the phone (touch, mouse click, keyboard click).

Think of our modules from the previous exercise:

- Synth
- Input Handler
- Socket Client
- Piano visualization

How does the data flow between modules? Imagine our modules are only functions, so every 'state' object must be transferred along the stream. This even means that even objects such as **audio context** and **socket handle** must be passed along.