

Integrating with Tidal

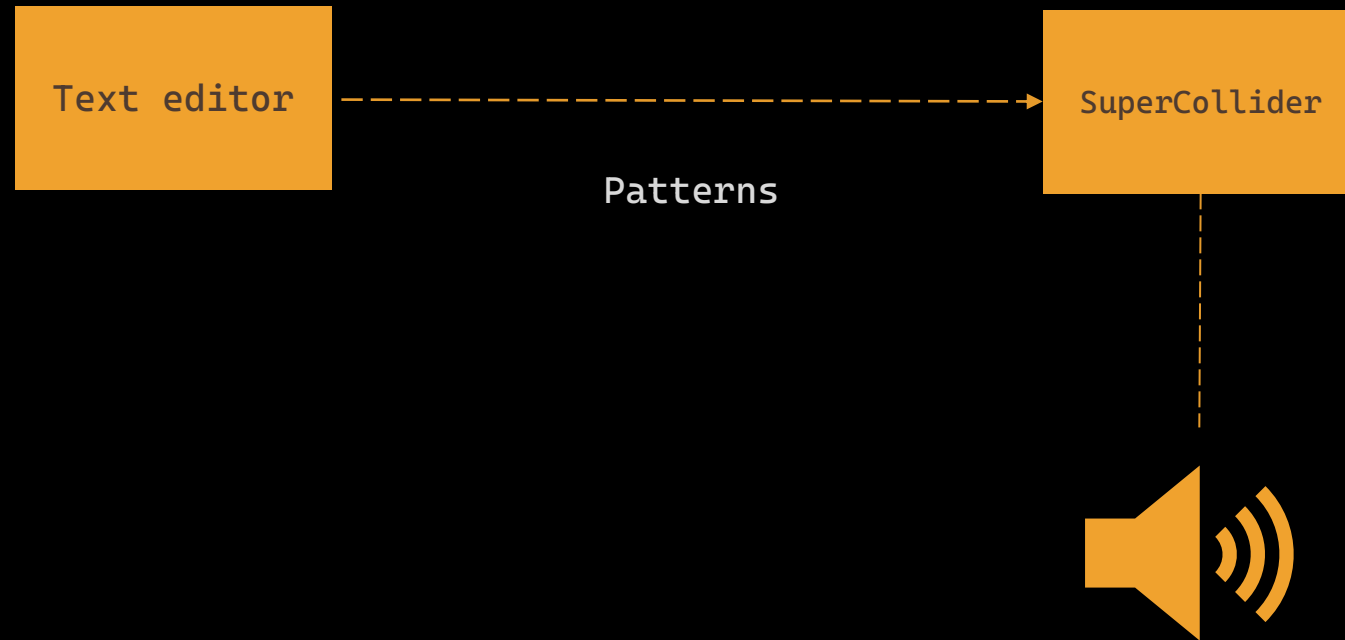
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Motivation

- To learn how to use Tidal patterns to trigger events in other applications, including:
 - openFrameworks
 - Max for Live
 - Processing
 - Pure Data

Tidal environment setup



Tidal environment setup



Understanding OSC

Senders and receivers communicate on the same *port*:



Understanding OSC

Messages have a *path* and a set of *arguments*:

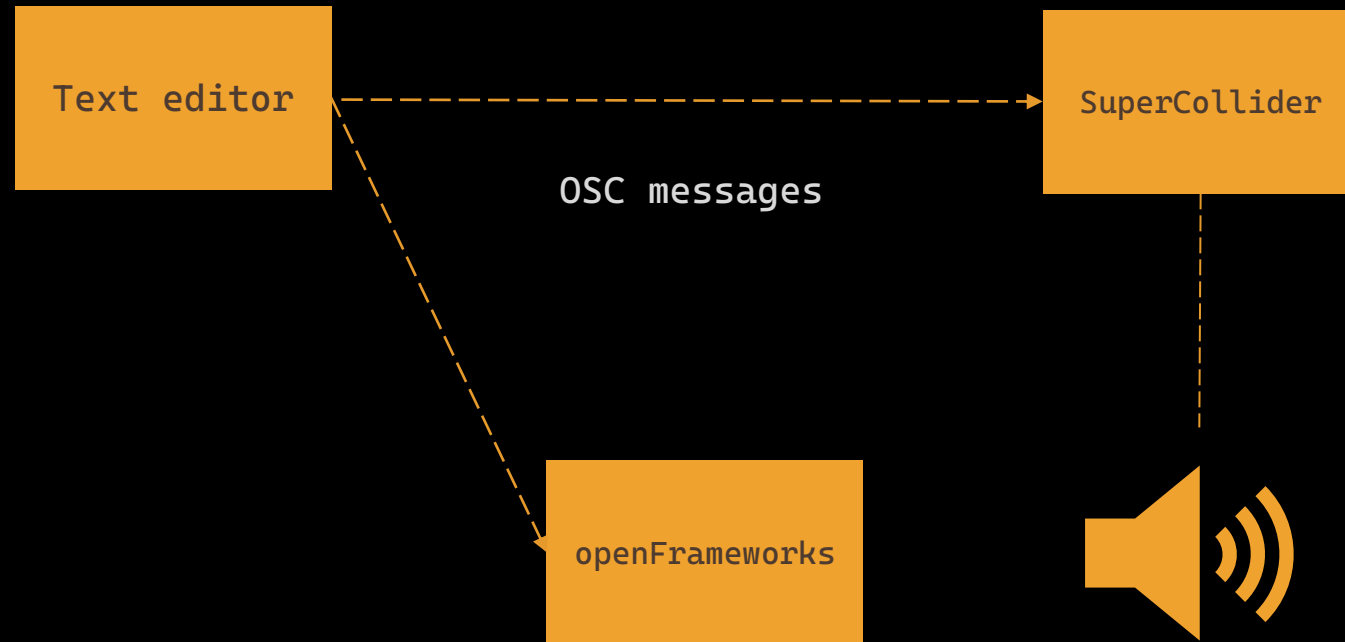
Message: /ofx

Float: 0.5

String: "Hello!"

...

Example



Receiving OSC

1. Set up receiver object:

- [openFrameworks](#)
- [Max for Live](#)
- [Processing](#)
- [Pure Data](#)

Sending OSC

1. In BootTidal.hs:
 1. Add an OSC target
 2. Add an OSC shape
 3. Set additional parameters, if required
2. Reboot TidalCycles
3. Send a pattern

See [Tidal documentation](#) for details