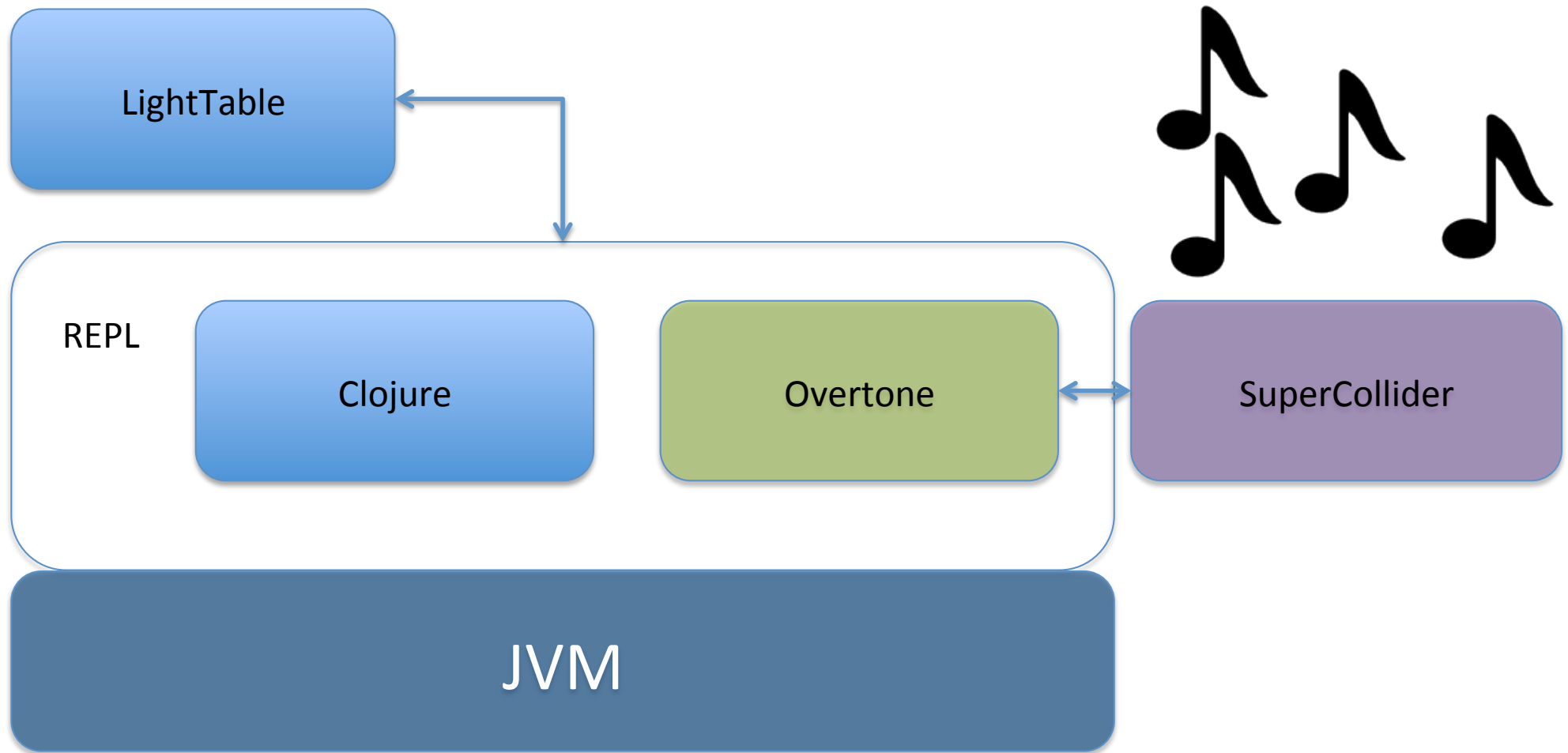


Apéritif dinatoire avec Clojure et

Overtone

@m_gandin





Comment ça marche ?

Supercollider

```
(  
  {var freq, ratio, env, rate = 5, trig;  
  trig = Impulse.kr(5);  
  freq = TRand.kr([36, 60], [72, 86], trig).midicps; ratio = 2;  
  env = EnvGen.kr(Env.perc(0, 1/rate), gate: trig); PMOsc.ar(  
  
    freq, freq*ratio, 3 + env*4, mul: env  
  
  )}.play )
```

Clojure

```
(definst cottle []  
  (let [trig (impulse:kr 5)  
        freq (midicps (t-rand:kr [36 60] [72 86] trig))  
        rate 5  
        ratio 2  
        env (env-gen:kr (perc 0 (/ 1 rate)) :gate trig)]  
    (* (pm-osc freq (* freq ratio) (+ 3 (* 4 env))) env)))  
  
(cottle)  
(stop)
```

Petite comparaison

<http://overtone.github.io/>

<http://aphyr.com/tags/Clojure-from-the-ground-up>

Quelques liens