Thorn

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Thorn

- yet another actor based language

- No Threads

- isolated components communicating viz method

- focusing on script-y features

- caveats

- no reflection

- no manipulating fields (wellhoods on the fly

- statu structure imposed by classes

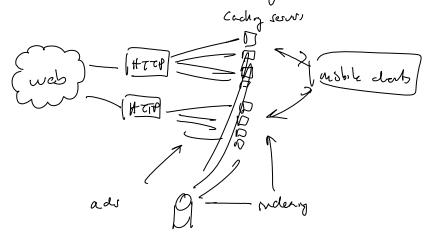
- no dynami code loady > no "evel"

- parter meteling

- language -integral gazz mechanisms (the Sal 8hff they

table about)

Thorn is a good metal for runny twither



you can use shorn to glve all of the together. (not get but in the Runture.)

Concurrency Model

— low-lend send/recus

```
interface $1 - low-level mailbox like interface
        P <<< ~
       receive {
           m, → {...}
           mk => 2 -- }
    interface #2 - high level
        p (->m (1...) blocks for y's appener sque w(...)
        p <-- m(...) docrut block on m
                                                 orghe m ( ... )
                       builds a handler for all
       Serve
                        Syve/ csyne welled that
                        are defined
See Thorn mus my example on the cite
  you can do an exception house a well
        -> timeout
   pc> mc...) twent(u) { deal with It(); }
spour {
 vor dove := false;
        asque quitc) prio LOD Édone: z true?
        Syme 901) { ... }
        hody of while (! done) of serve; ??
sinc cma(x) {
       F= Worker (5) sub cma (4)
```

7

```
sync cond (d) enwhyre e {

r= waiter (- subcma (e,x);

throw splitaynel);

async subcma (e,x) {

r=-...

sync reply (e,r);

}

var x:=0

class (ower feetne) Exel??

p <<< combord)
```