Software Transactional Memory

Tuesday, November 01, 2011 13:33

Account Transfer

- mult: threaded transfer could have many in went the

-> Covery can cause desollar

- For by ordery lorder, but this get rad quelly

Cocks ar had

-> Common probles

- too few look - brado abounds

-> to may los - serializes cook (or deadloss)

-? way lodg - lock-det reletantly or implish

-> way or - deadly !

- ever reway - hard w/ exception

-> last water up; - hand w/ non-otouder could

> Lodes are anti-moduler

Software Transactional Memory

How does Haskell hardle side effect?

many Linetwy > moved FO of unit

Function Cargages

-> valus are immutable.

[]->12-> [3

can I mutate! must no show!

can I mutate! must replace!

refael -> mutath value constaine systemental a IN moreout

new Ref:: a > 10 (Reba)

real Yel! Ref a -> 1/0 a

do Er & new Refo ; mer r) s & rear Ref r ; prints

writher : Refasc > 200)

fork : 10 a - 2 IO Threed ld

Data Race!

atomically: 5749 -> Zo4

- Atoming

-s isolatan

transactions need to be re-tral!

=> fransaction should in to how side affection

hput st = printhin

rety: prefy cul

arthe complete co seve as rely conjutch,?

Optimish Exects

-) no lock neck

-> Lecon work the in log