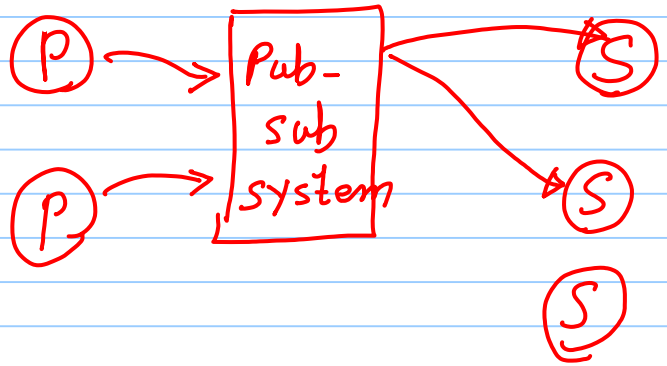
Lecture notes on the Corona publish-subsribe system

Note Title 5/7/2020



RSS/Atom

Subscribers

- Express interest
- Notify the Pub-Sub system

Publishers

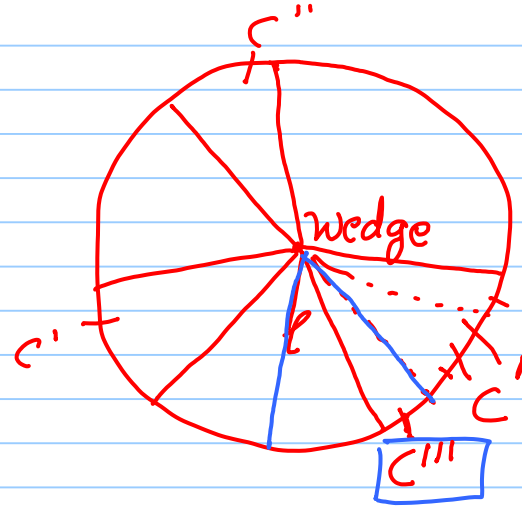
- Register
- Publish updates

* Polling
* Interrupt

- Stock prices
- news feeds

Optimization: wedge sizes

channels
nodes



C → 0x A1234BCDEF

N → 0x A1234DF ---

ℓ = 5

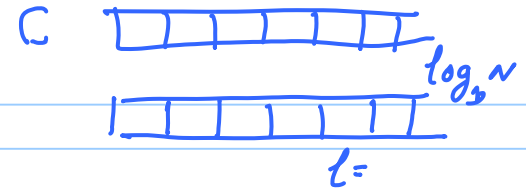
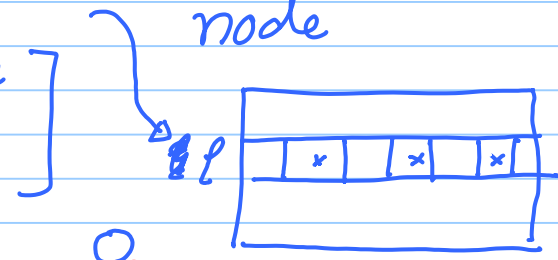
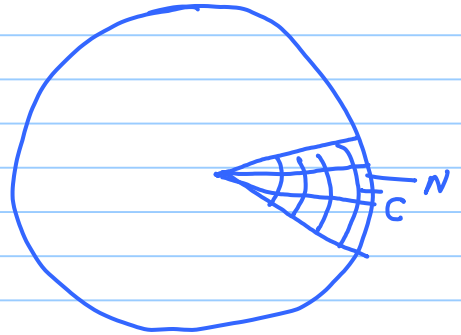
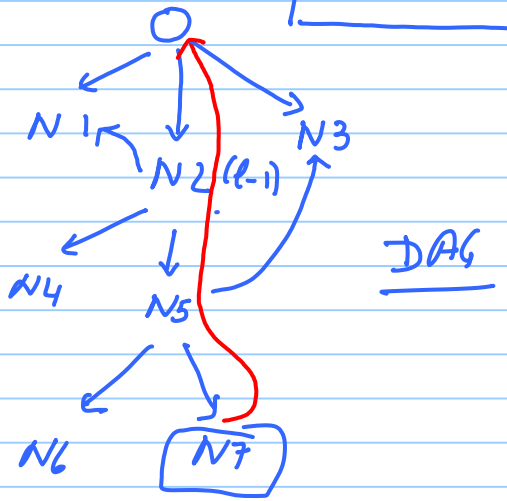
(owner)

$\log_b N$

· concept: wedges

ℓ matching prefix digits with the channel id

magic → all the nodes in a wedge poll the channel



[wide wedge → low update latency
high server load]