RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RRDP Implementation Experience

Tim Bruijnzeels | 2 November 2015 | IETF 94

source: https://flic.kr/p/nKip3r

Please proofread

source: https://flic.kr/p/7Hxa8g

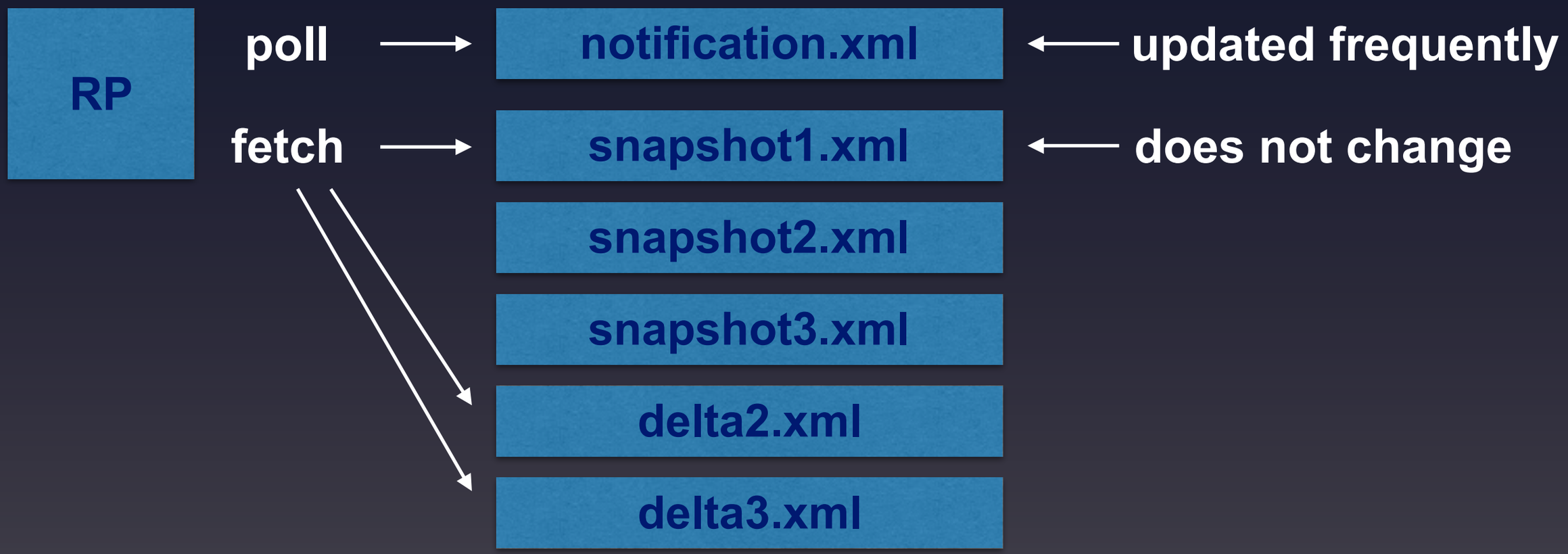
Current State

- Protocol is working in pilot

- Some changes were made to the document
  - https
  - caching of notification.xml
  - readability

- About to deploy to production
  - We think we are close to done

Polling for updates

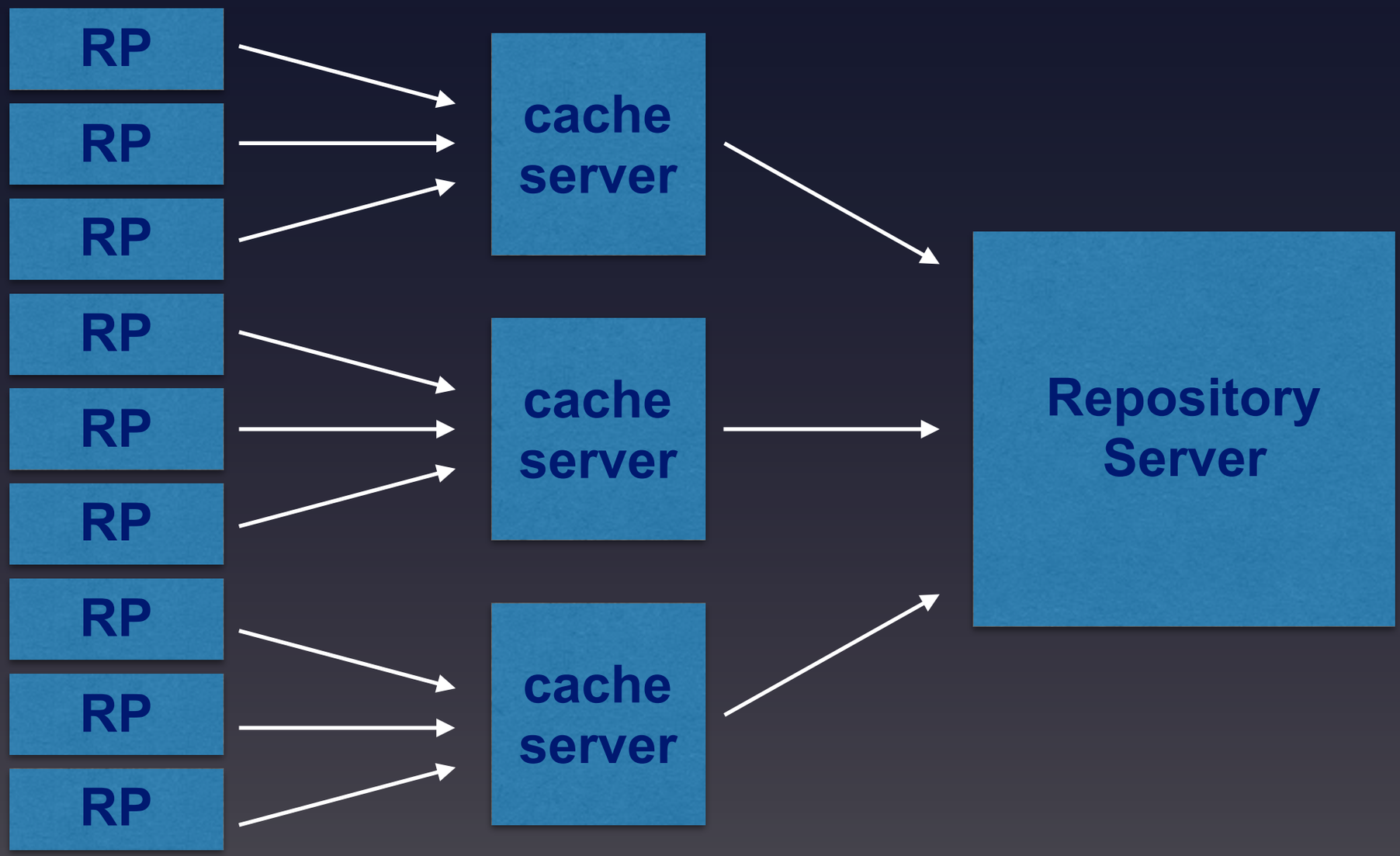


HTTPS

- Now using https **everywhere**

- Do we still need hashes in the notification file to verify the integrity of the snapshot and delta files?

Caching


RP
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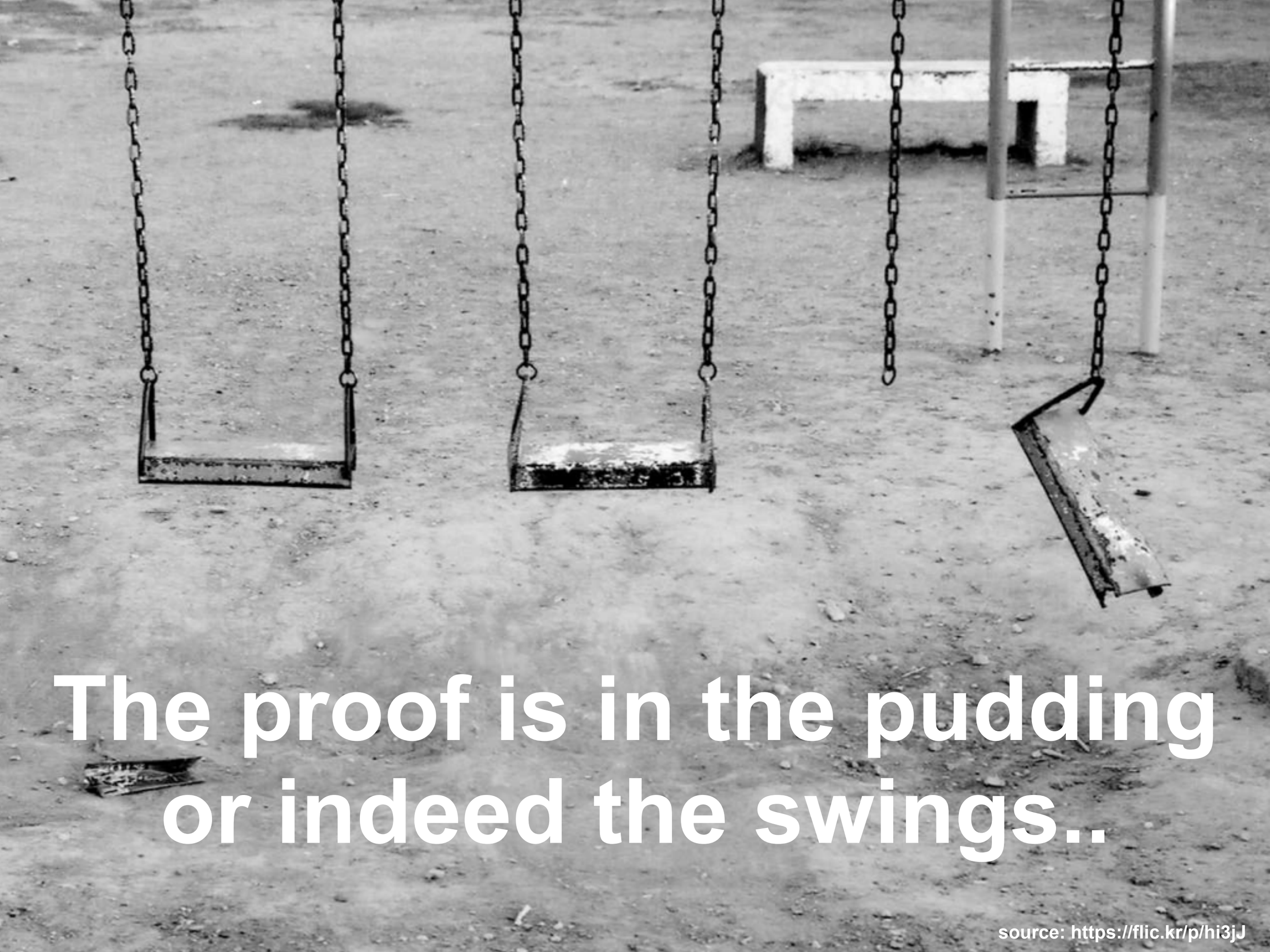
cache server
cache server
cache server
Repository Server

Caching Recommendations

- Note: caching is optional

- Is there a case for polling for notification.xml more often than once per minute?

- Caching notification.xml on cache servers for one minute is more than enough to reduce the load on the repository server



The proof is in the pudding or indeed the swings..

source: https://flic.kr/p/hi3jJ