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background:

Big Brother is watching you...

AmI will sense everything you do, say, learn, read, know...

problem:

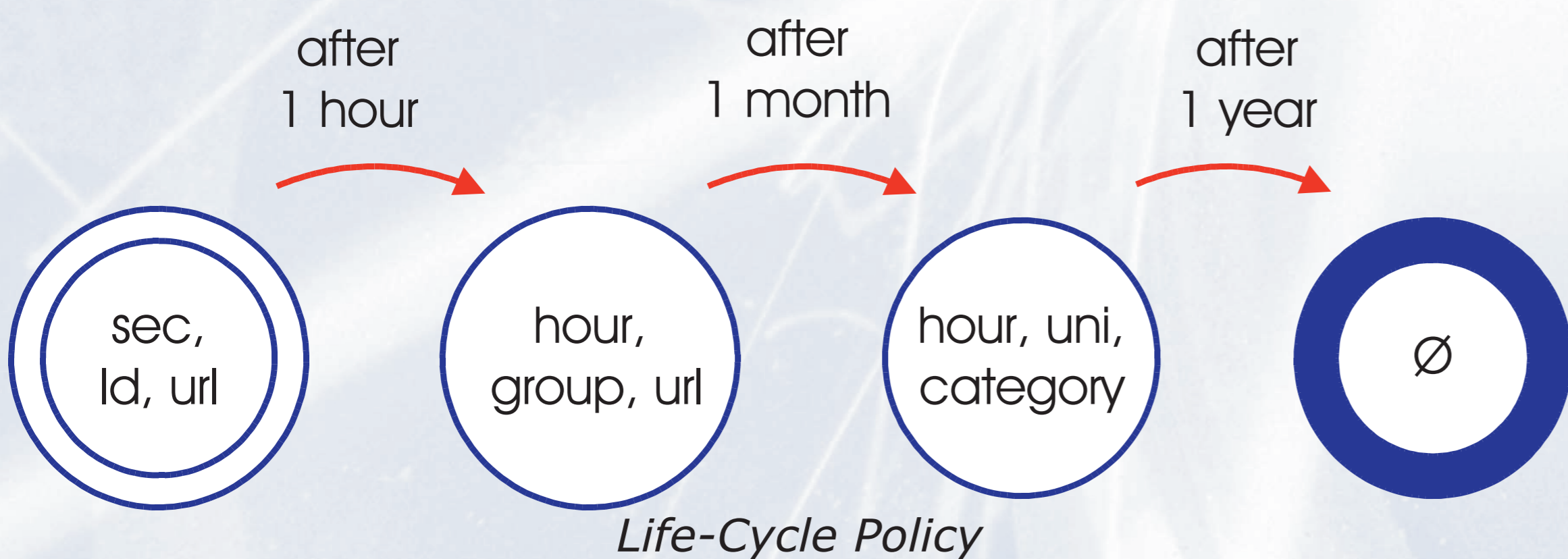
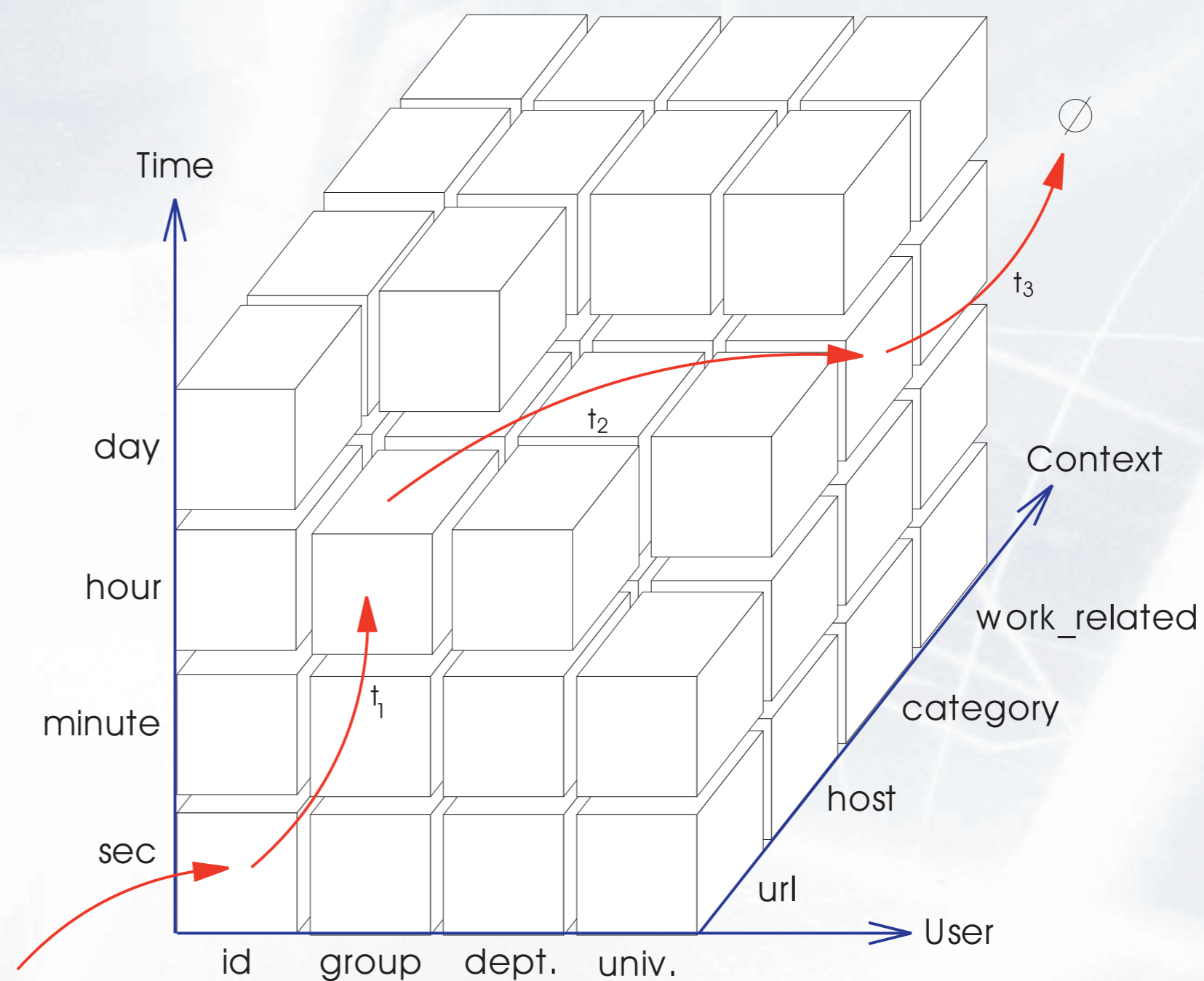
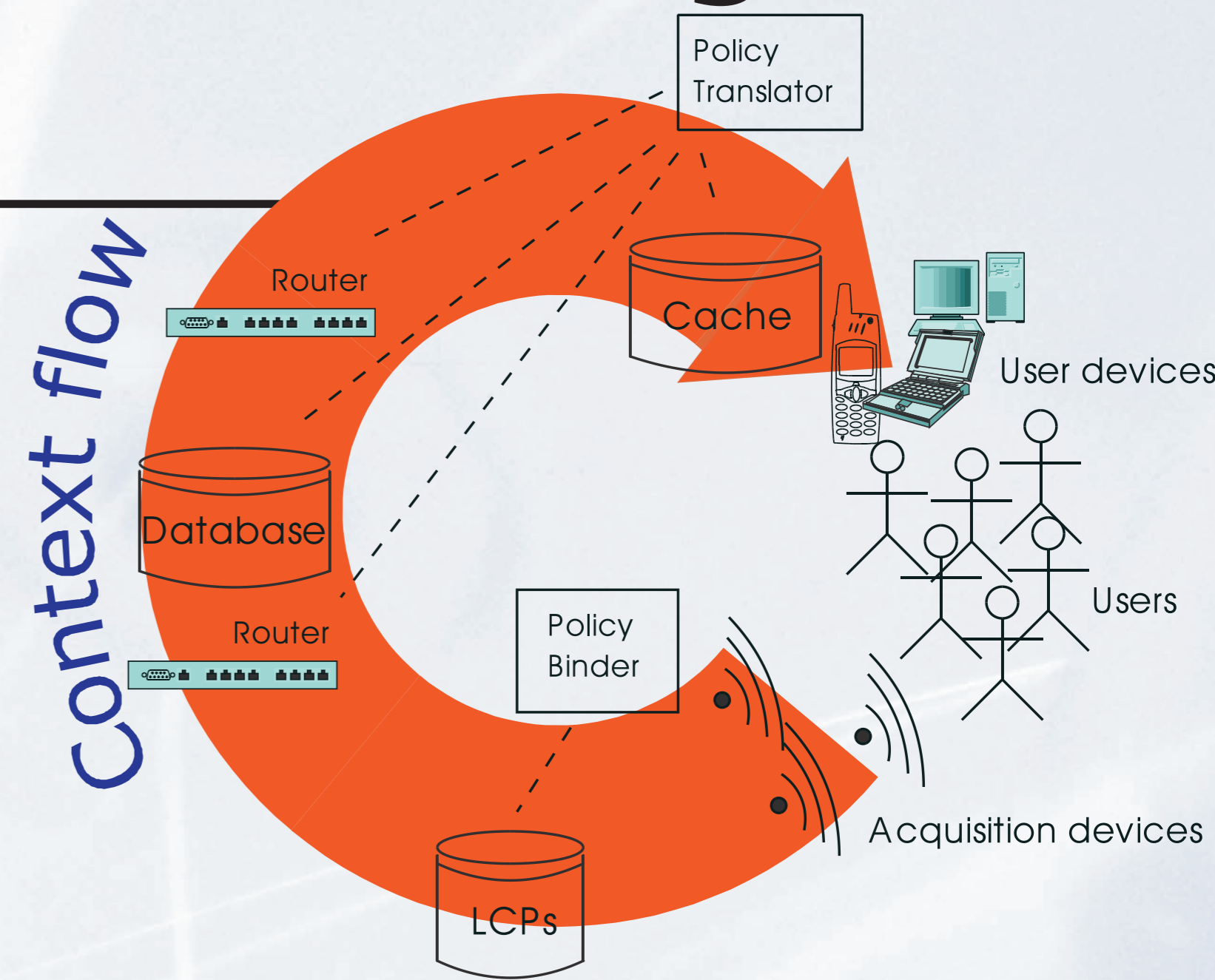
Balancing Smartness and Privacy

- High quality and quantity of context improves smartness
- Degrading quality and quantity for protecting context histories

approach:

Life-Cycle regulation of context histories

- Data modeled as context triplets (time, person, context)
- Triplets elements in different states of accuracy
- Life-Cycle Policies are transitions between states
- Users specify their own LCPs



case study:

Monitoring and protecting internet browsing behavior

- Rank visited websites
- Contact users with same interests
- Find interesting pages visited by group members
- Generate anonymized statistics

