

A demo blog recommendation system for SmartScribo

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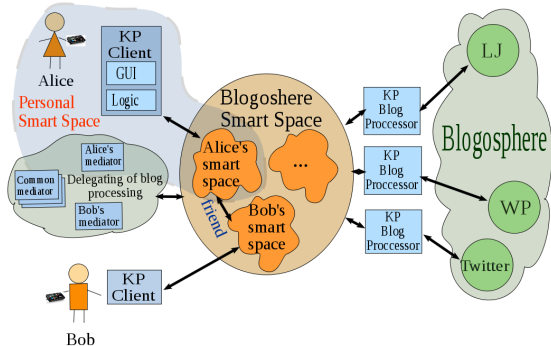


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SmartScribo: mobile multiblogging

- Proactive blog retrieval, e.g., based on **recommendation**
- Personalization, e.g., user gets recommendation that is **interested for her/him**

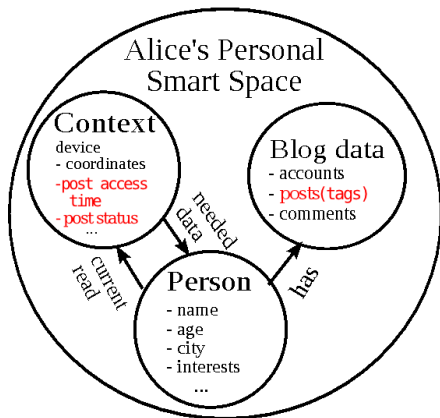


■ Blog data

- ▶ **post** starts discussion
- ▶ **tags** describe post semantics

■ Blogging context

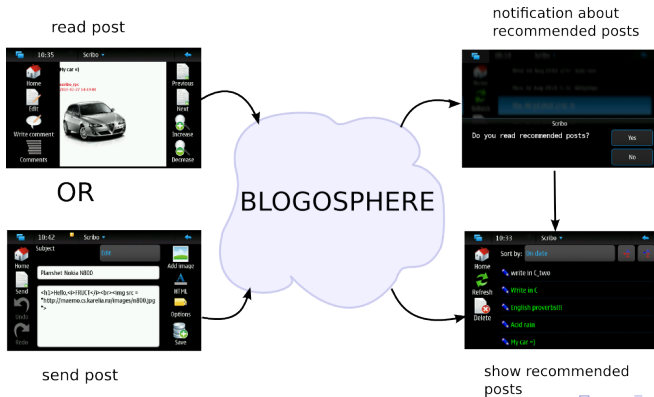
- ▶ post p is read&written by user u : **post status**
- ▶ T_{pu} is the latest post access time



Blog recommendation service

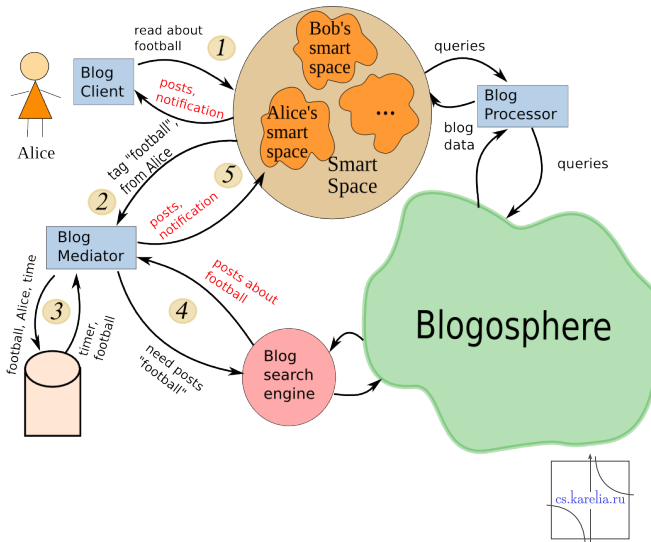
■ user reads or sends posts as usually

■ user receives personal recommendation for her/him



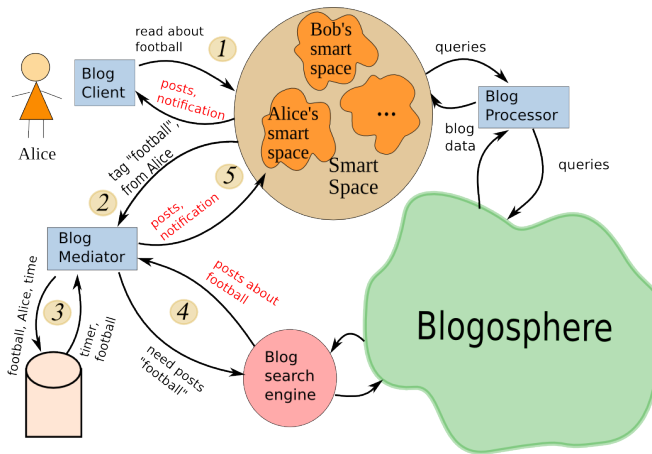
Clients' side

- read or send posts
- get recommendation



Mediator's side

- track user activity
- calculate tag ranks for user
- send recommendation



Tag is interesting for user if:

- latest post access time is minimal
- less tags number in the post



■ Client's side

- ▶ Maemo 5, PyQt
- ▶ test console client on python

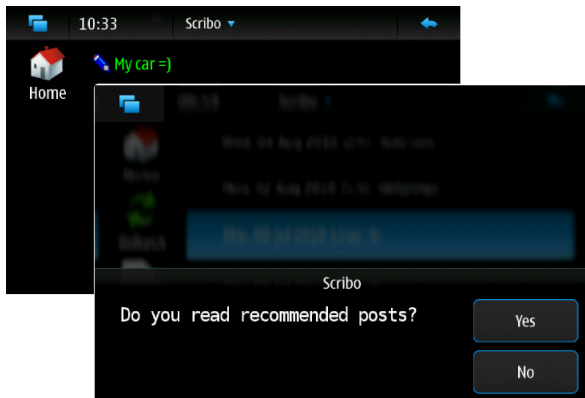
■ Mediator's side

- ▶ python, Smart-M3 Python KP Library



Test scenarios

- with 100% interest in topic
- with constant interest
- with variable interest



- SmartScribo project wiki (in Russian)

`http://oss.fruct.org/wiki/SmartScribo`

- Open source

`http://gitorious.org/smart-scribo/smart-scribo`

