Managed Forgetting, Data Condensation & Preservation in Application

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The Semantic Desktop & PIMO Basics

PIMO represents the user’s mental model as a vocabulary for applications without confronting users with formal knowledge representation.

Classes

PIMO

”Things”

Reality

PIMO represents the user’s mental model as vocabulary for applications without confronting users with formal knowledge representation.
The Semantic Desktop & PIMO
Dedicated Apps & Plug-ins

Semantic Editor (SEED)
[dedicated app]

FireTag for Mozilla Firefox
[plug-in]
Managed Forgetting
Memory Buoyancy → item’s short-term value

during workshop

... after 8 months

... after 2 years

access to forgotten information.
Data Preservation
Preservation Value → item’s long-term value

- Maus07.pdf
- Interview Ergebnis Fragen für supSpaces v3.0.docx
- WoltersNivenRunardotter+15: Personal Photo Preservation for the Smartphone Generation
- wip362-woltersA-w.pdf

Connectivity (the more a thing is related to other things, the more likely it will be preserved)

Type-based heuristic (certain things such as contracts are more likely to be preserved)

Important projects (the higher the number of person involved in a project, the more likely it will be preserved)

Closeness to important things (things related to tasks or events are more likely to be preserved)

Important persons (the higher the number of projects a person is involved in, the more likely they will be preserved)

PIMO user on photo (photos containing PIMO users are more likely to be preserved)

Image rating (the higher an image’s rating, the more likely it will be preserved)

Number of views (the more a thing is accessed/viewed, the more likely it will be preserved)

Cover photo collections (at least one photo of each photo collection should be preserved)

Image quality (high quality images are more likely to be preserved)
Data Condensation
Overview of PIMO Diary

My Diary: February 2014

03.02.2014 - 19.02.2014
ForgetIT / ForgetIT WS Luleå 2014
Reiseabrechnung Luleå 2014

Keywords:
forgetit 2014 implementing interface calls meeting luleå lulea omis preservation base design manual presentation re wp11 werner wiki minutes
general assembly johannes goeler forgetit project_meeting lulea l3s mydfki dienstreiseverwaltung update team luleast.jpg logistic informations
flugticket we reiseabrechnung

RSIP2-SD / Discuss final review presentation
- Discuss final review presentation
- Datenschutzvereinbarung
- Datenschutzvereinbarung für RSIP

Keywords:
review final rsip datenschutzvereinbarung meeting presentation discuss prototype new rsip3 re fww rechnung project leadership developer agenda
demonstration rechnung ricoh invoice rsip2 sd last period heiko system slides updates rsip1 fs remember two demonstrations done pls christian
showing make sure
Conclusion & Outlook

Some aspects investigated in the ForgetIT project:
- **Memory Buoyancy** → item’s short-term value
- **Preservation Value** → item’s long-term value
- organize information accordingly (i.e. rank/filter/hide/delete/sync)
- data condensation driven by contexts

SD→LL:
- use SD technology for **sense making** of LL data
- **better handle massive LL data** using automated condensation and forgetting technologies already realized in the SD for PIM

LL→SD:
- SD could benefit from **more detailed sensory support**
- SD could benefit from lessons learned when dealing with massive data (especially in form of a **continuous stream**)

Our recommendation for both, LL & SD:
focus on a more explicit handling of contexts
Thanks for your attention!

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Any questions?

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