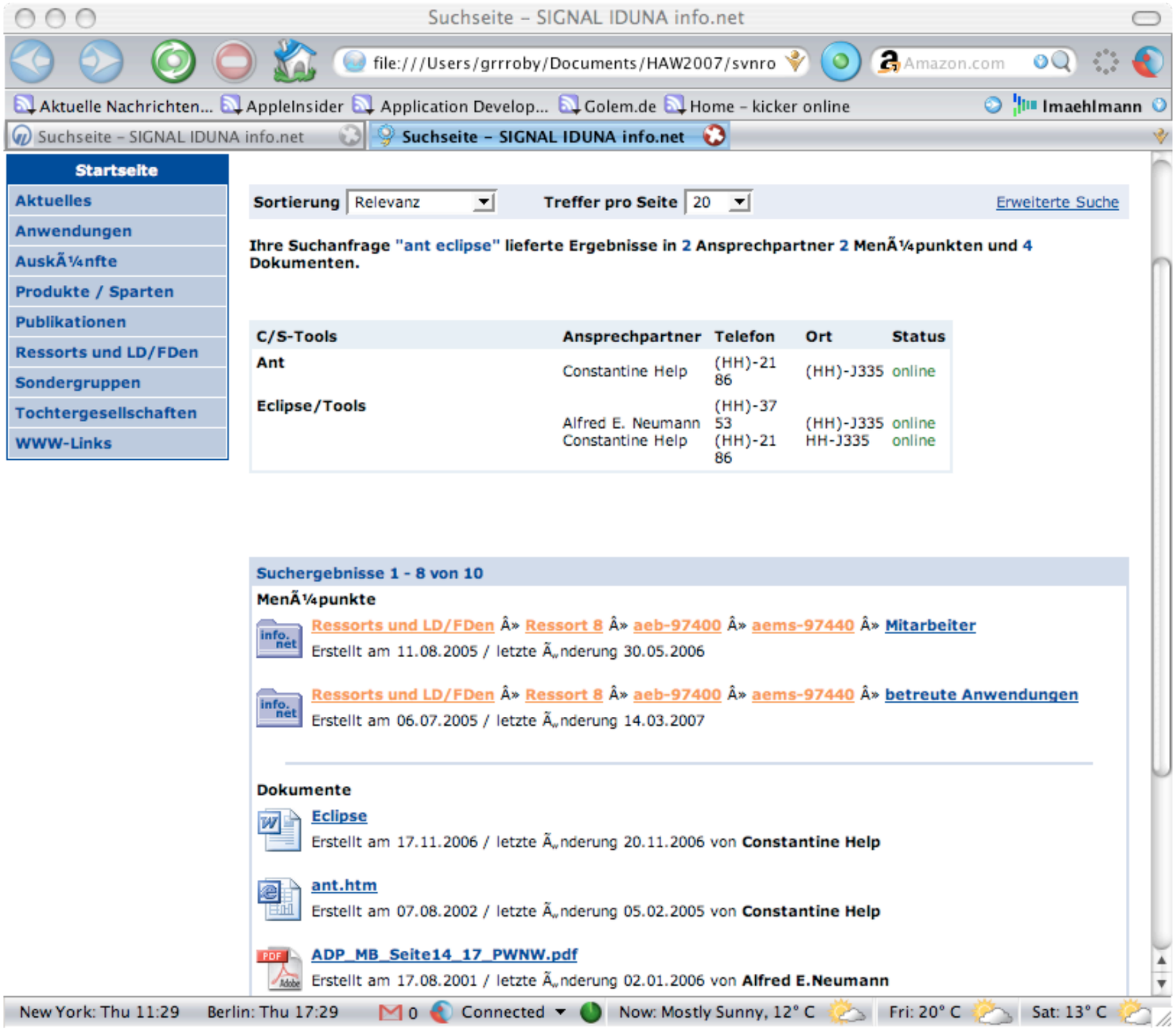
Deliver who I mean continues ...

Lars Maehlmann

Hamburg, 11.01.08

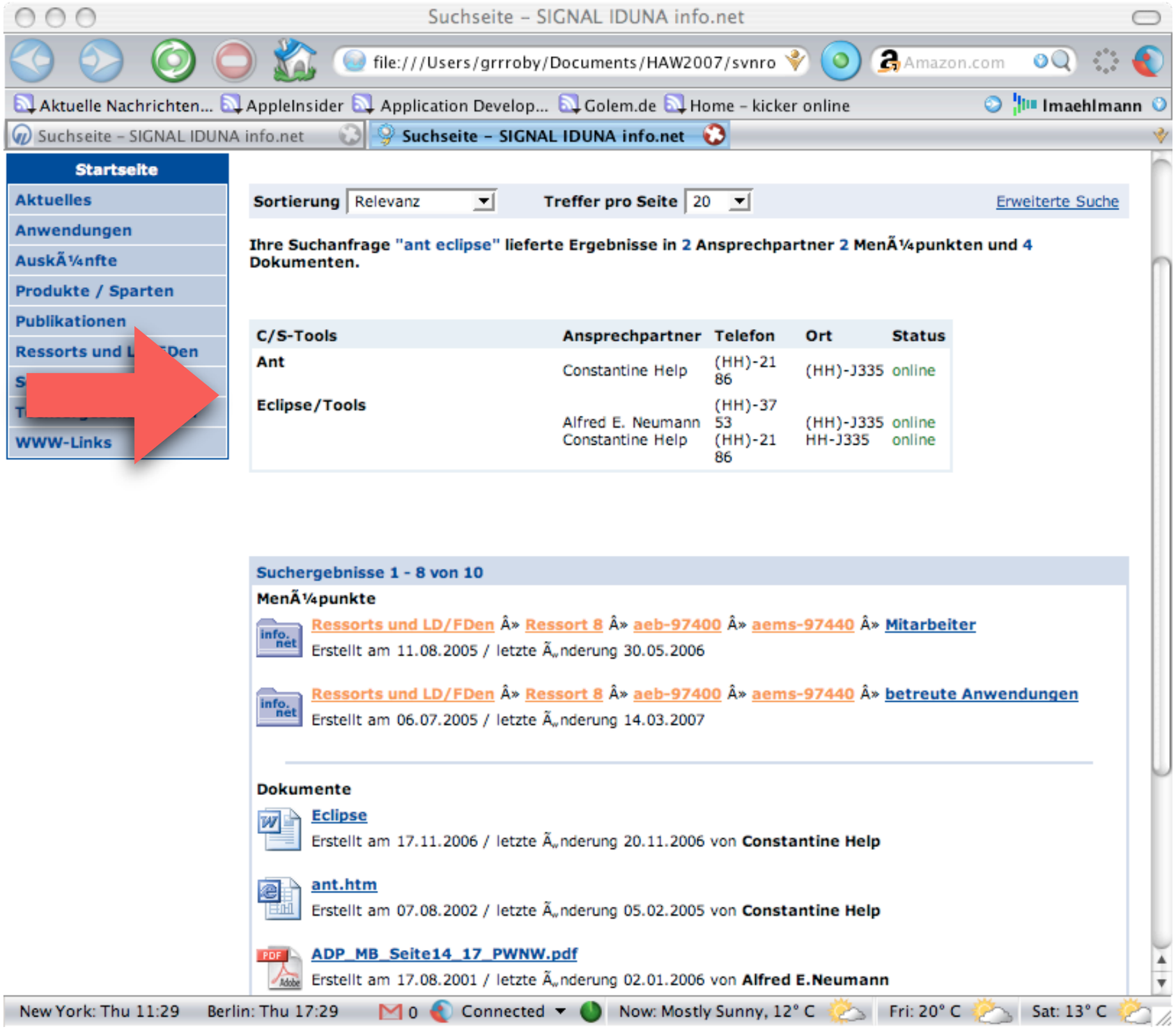
- What is problem statement?
- What is the proposed approach?
- What is the status?
- What is the future work?

A Result



What is problem statement?

A Result



What is problem statement?

A Phone Number

C/S-Tools	Ansprechpartner	Telefon	Ort	Status
Ant	Constantine Help	(HH)-2186	(HH)-J335	online
Eclipse/Tools	Alfred E. Neumann	(HH)-3753	(HH)-J335	online
	Constantine Help	(HH)-2186	HH-J335	online

What is problem statement?

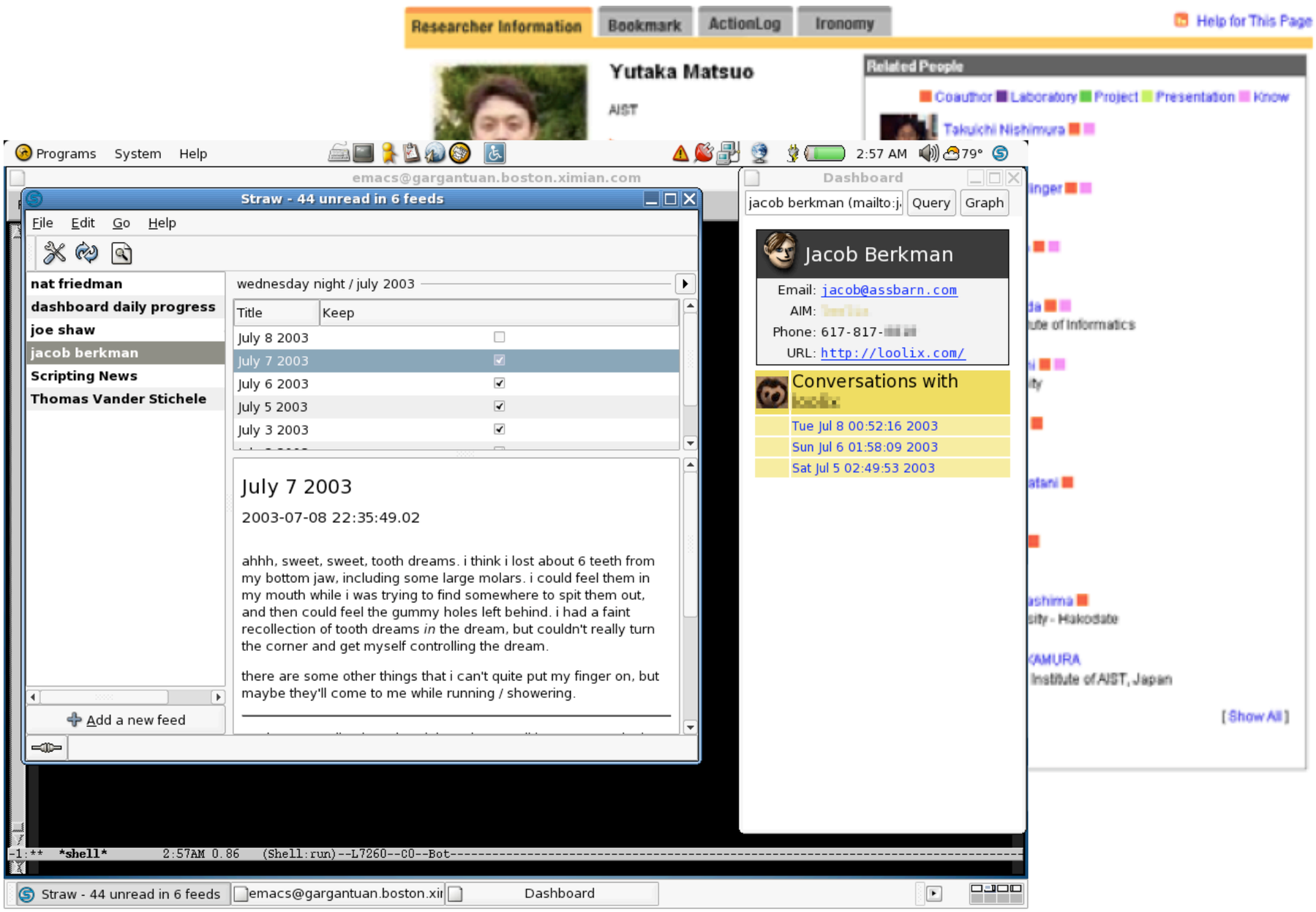
Social Networking

- Social network is a set of people connected by a set of social relationships such as friendship, co-working or information exchange.

- Social network analysis focuses on the analysis of patterns of relationships among people, organizations, states and such social entities.

Ref[11]

What is the proposed approach?



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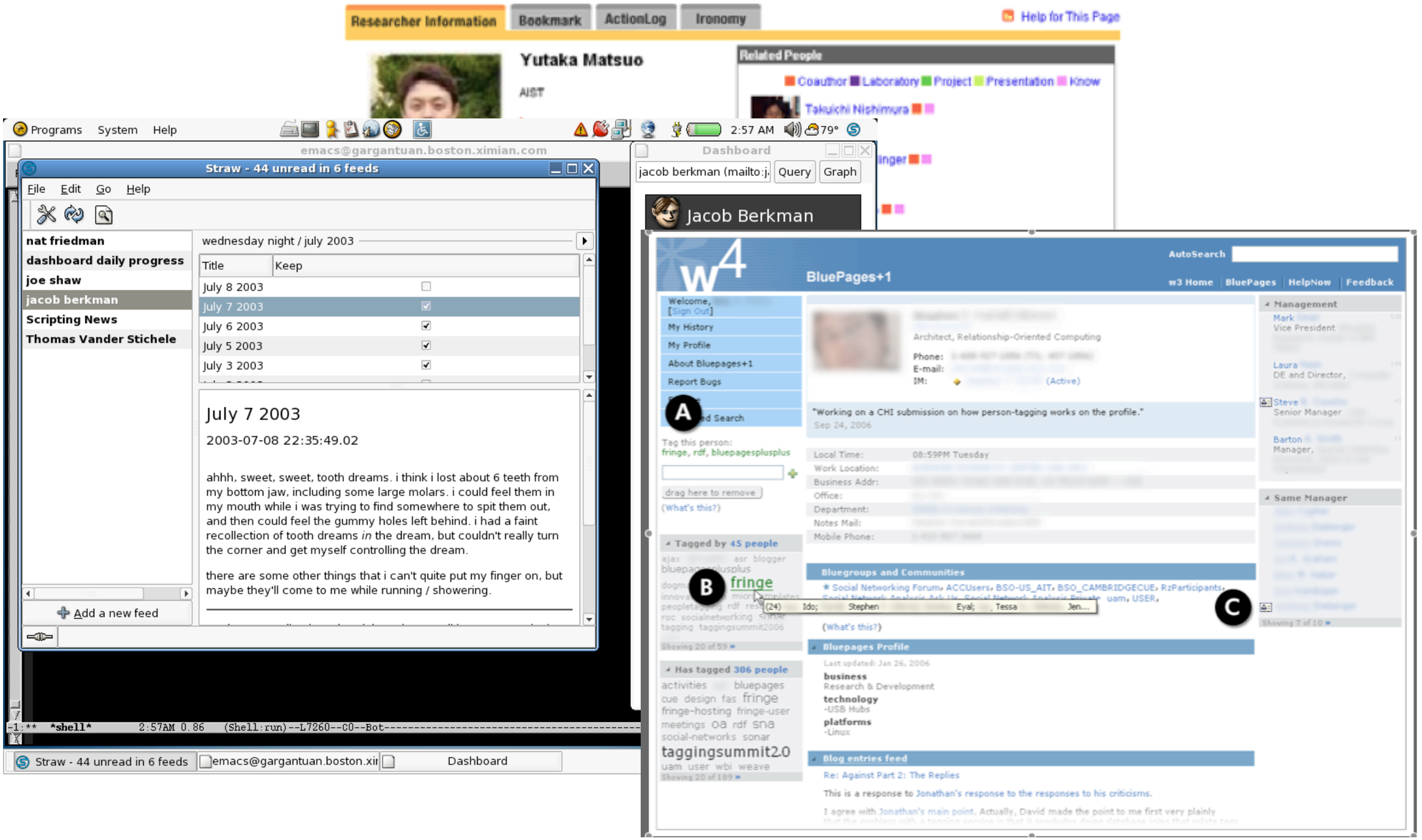

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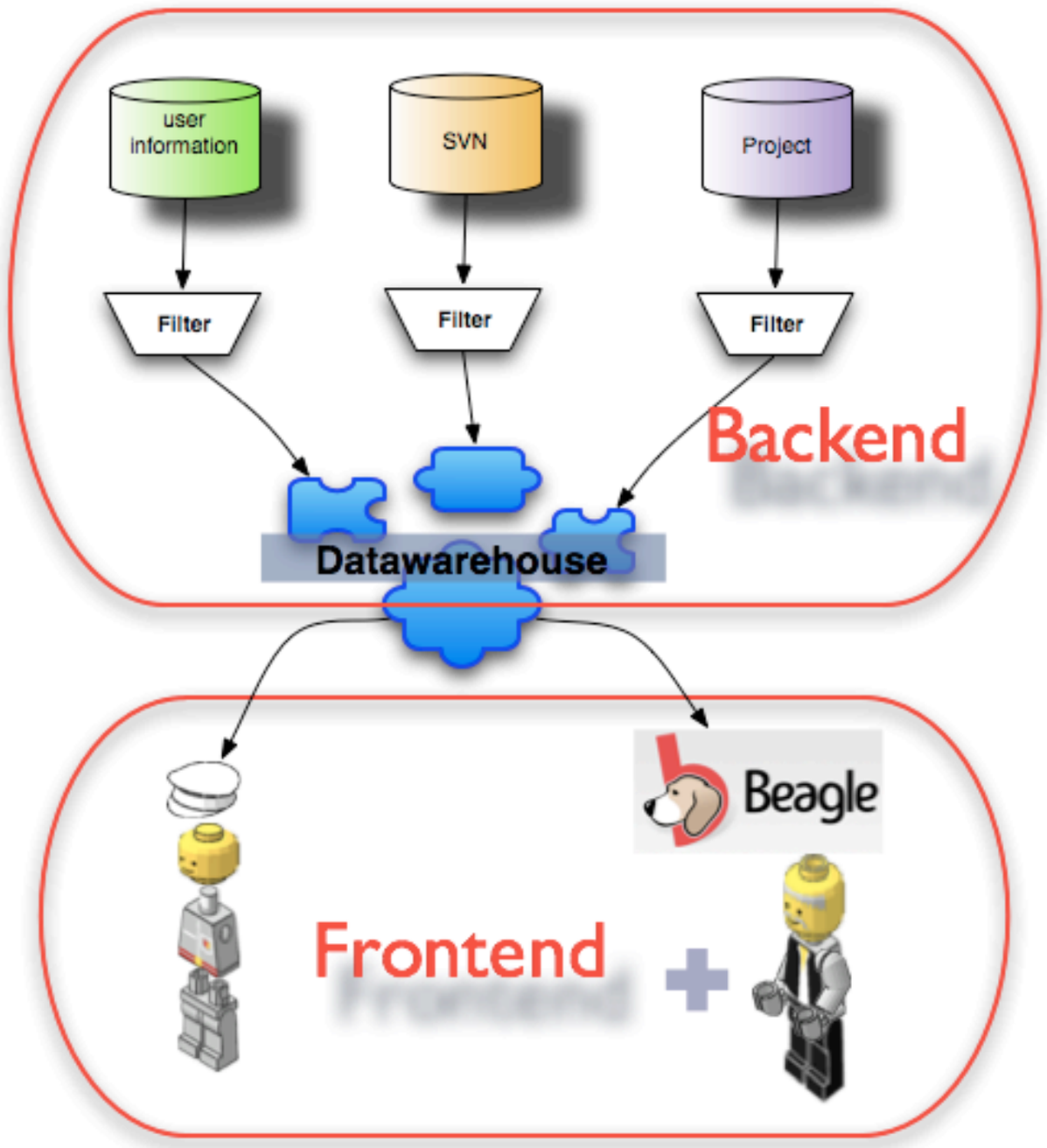

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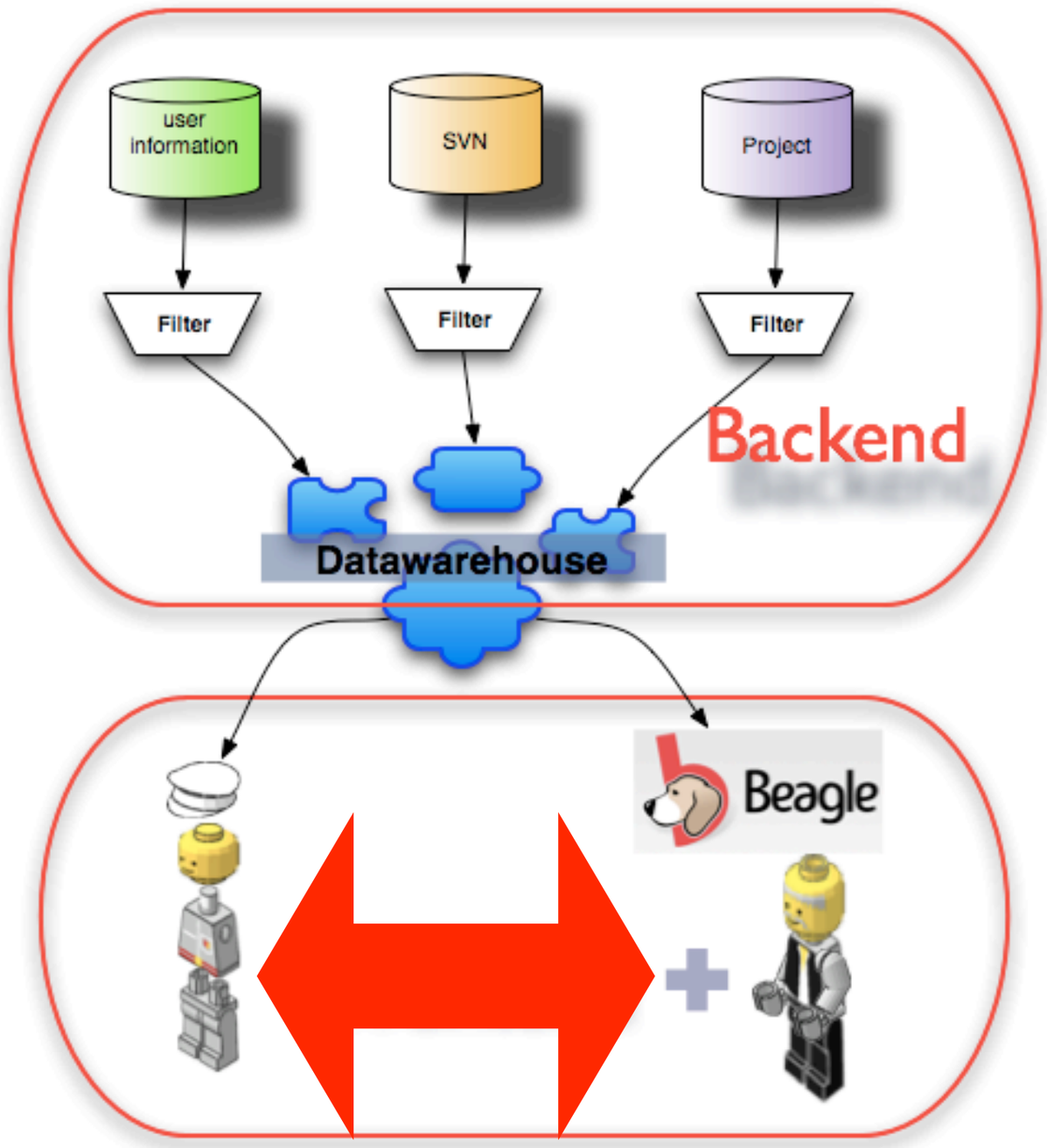
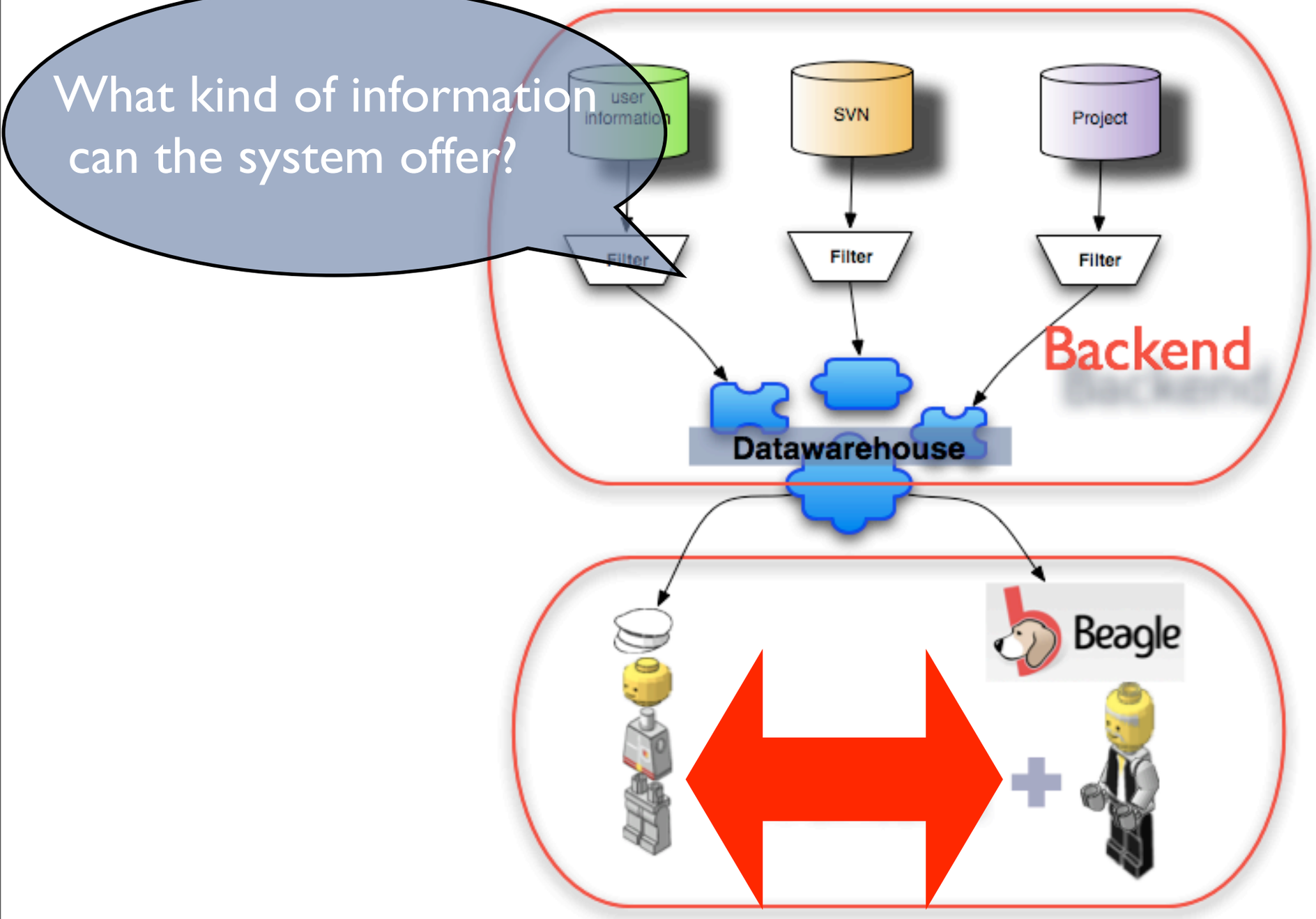


What is the proposed approach?

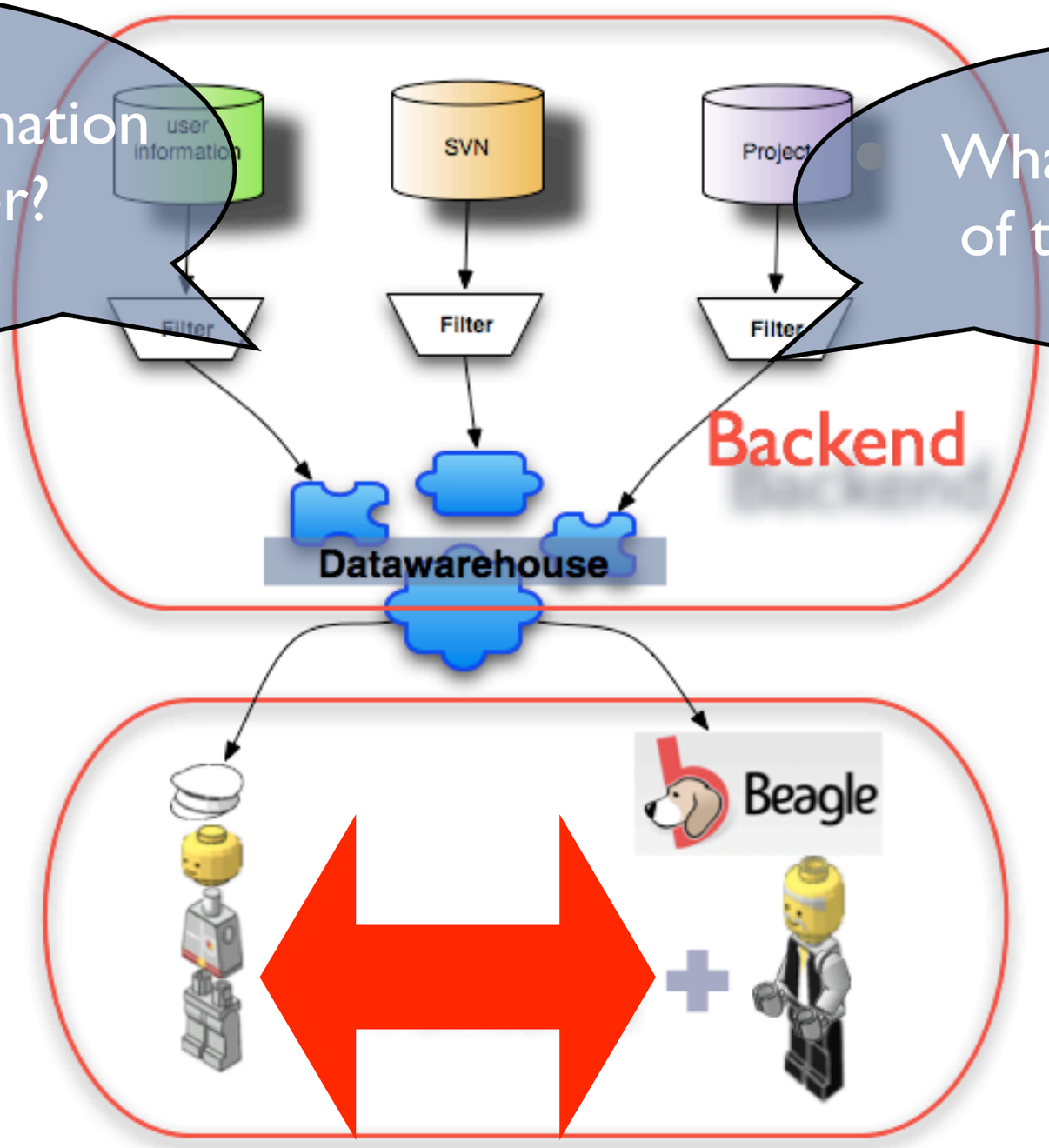
What kind of information can the system offer?



What is the proposed approach?

What kind of information can the system offer?

What is the relevance of the data?



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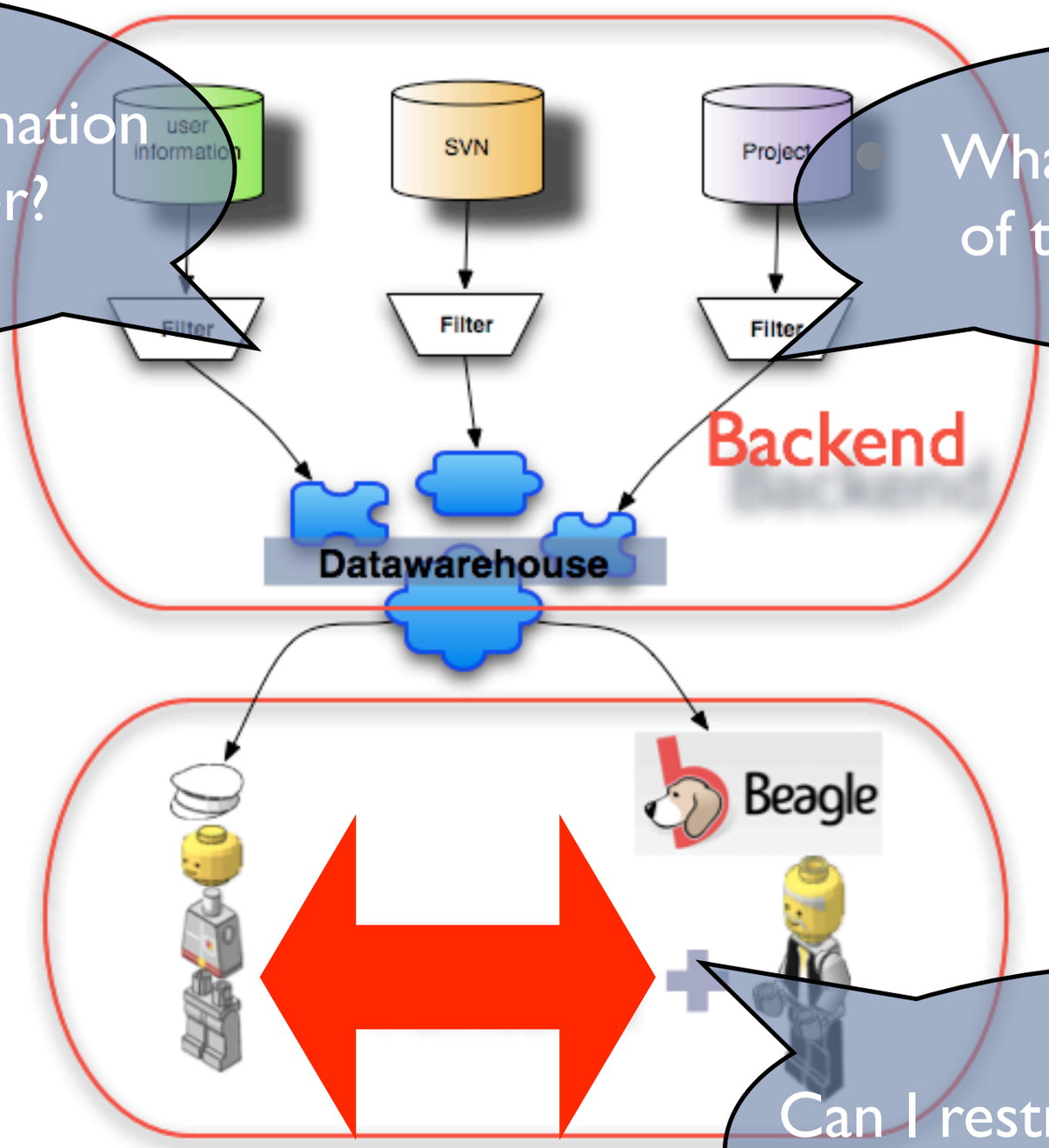
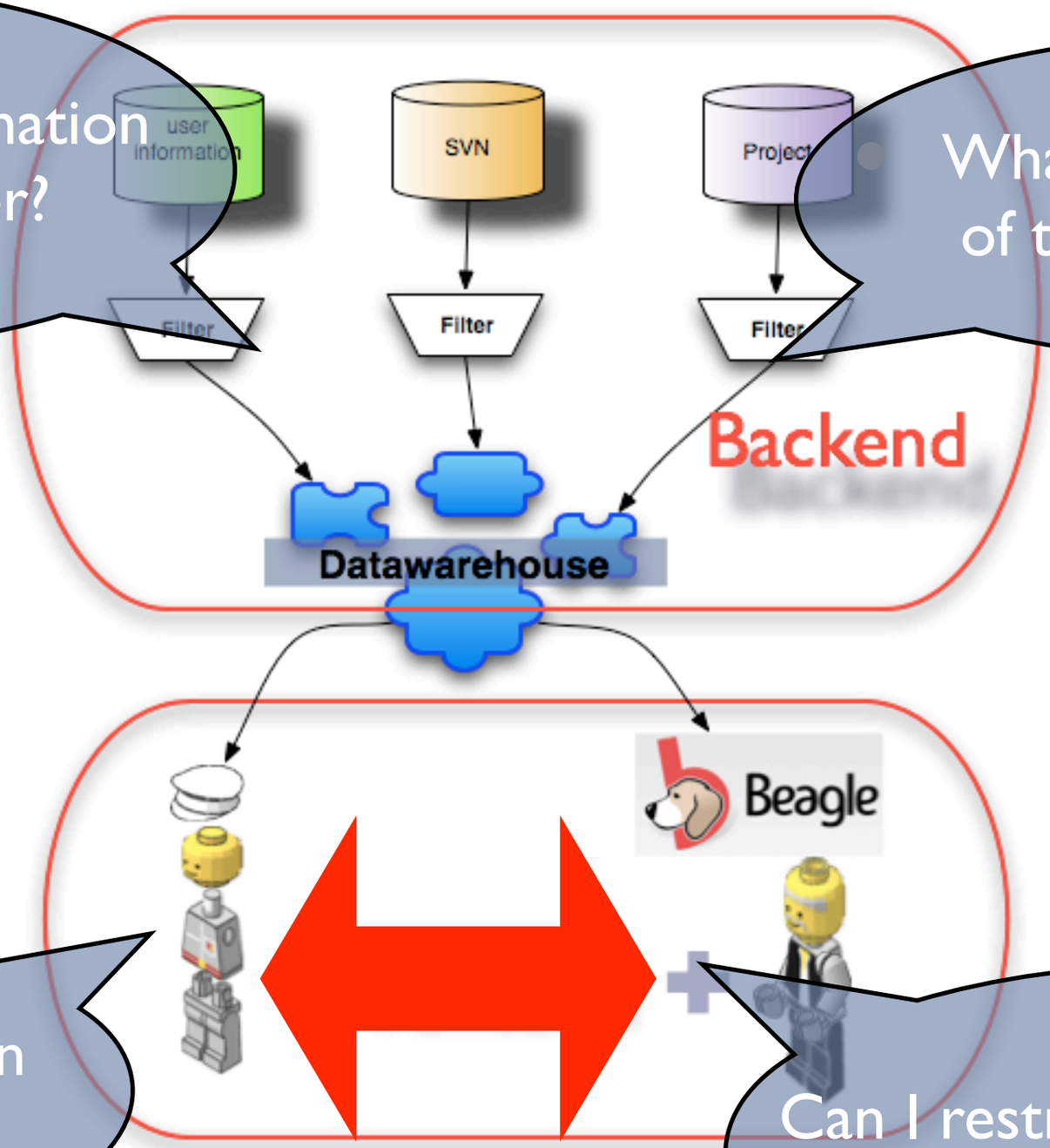


Can I restrict the information depending on the user

What is the proposed approach?

What kind of information can the system offer?

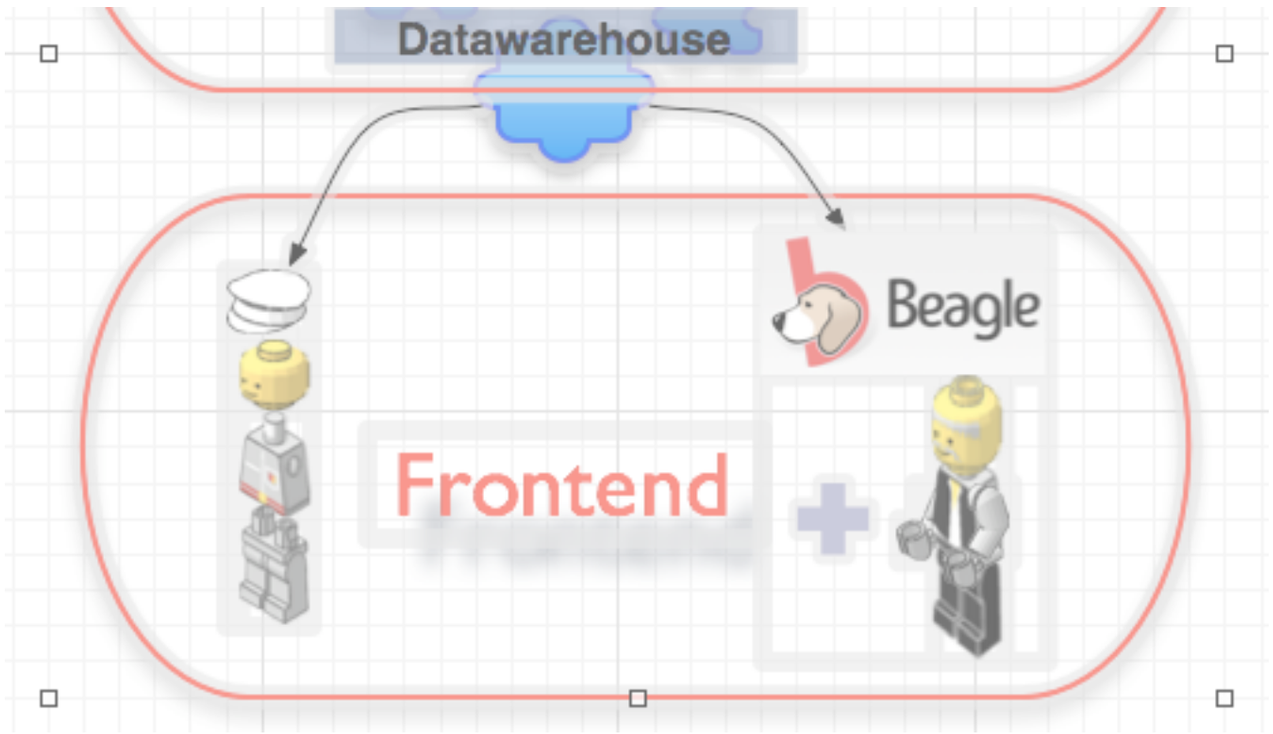
What is the relevance of the data?



Is the information still valid?

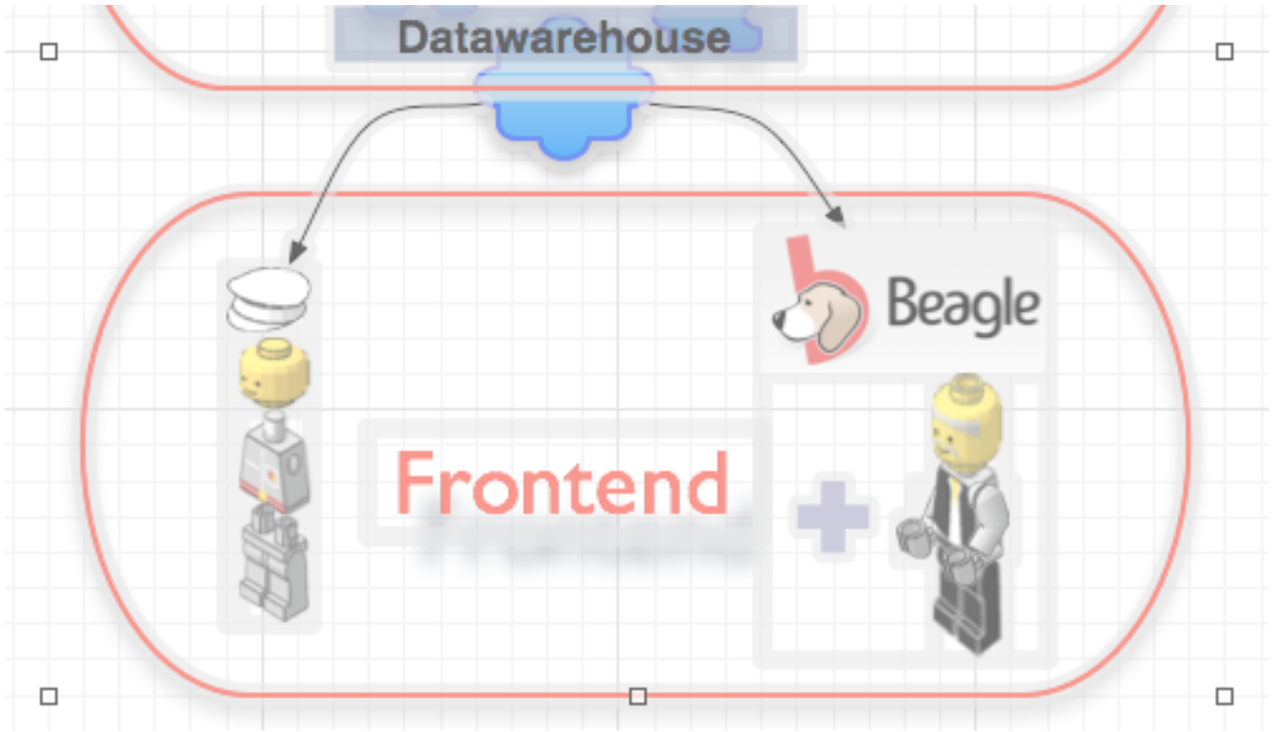
Can I restrict the information depending on the user

Frontend



What is the status?

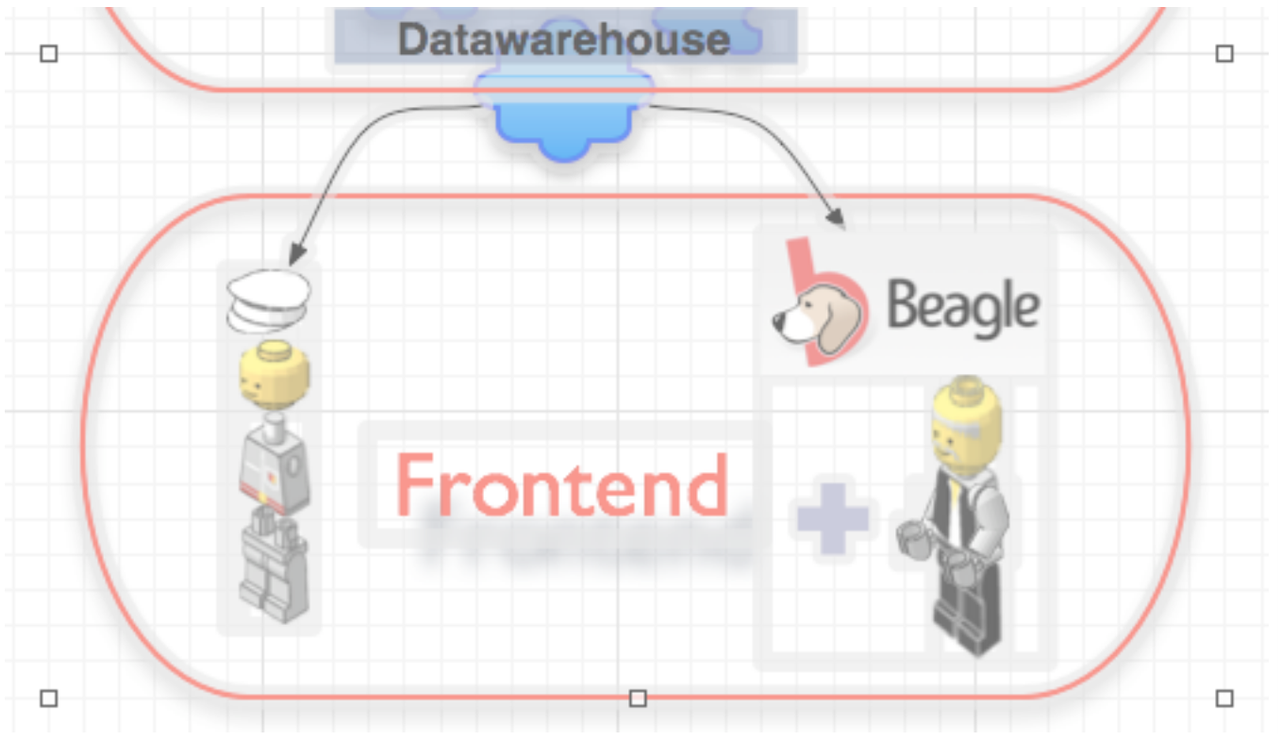
Frontend



What is the status?

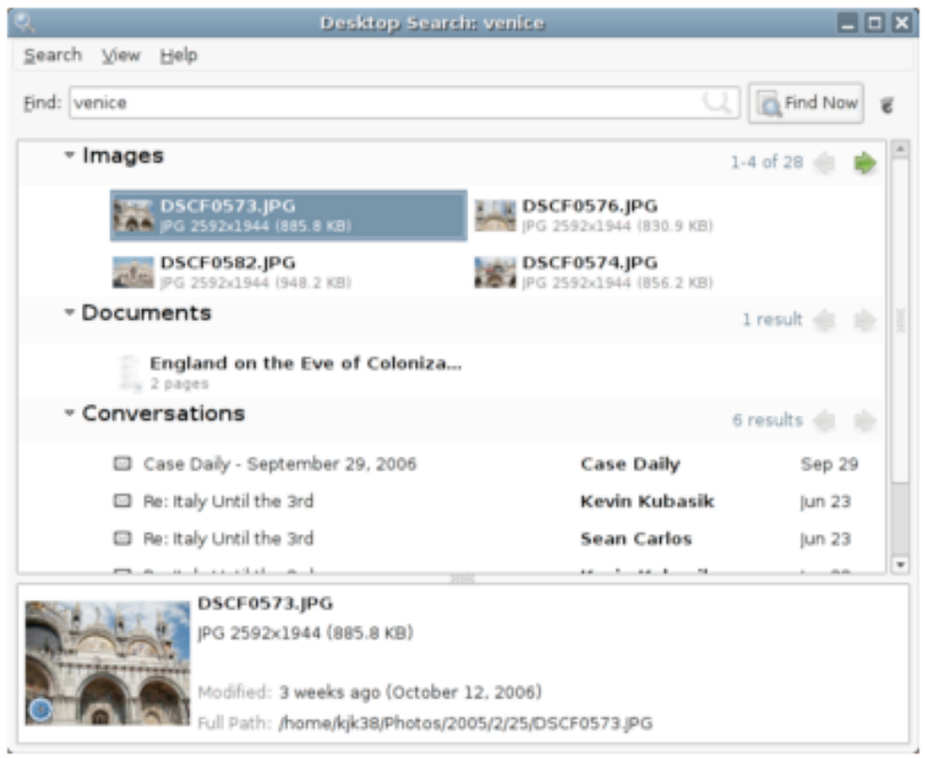
Frontend

Beagle



What is the status?

Beagle is a search tool that ransacks your *personal information space* to find whatever you're looking for.



Using Beagle, you can easily find:

- documents
- emails & attachments
- web history
- IM/IRC conversations
- addressbook contacts
- calendar appointments
- notes
- source code
- images

- music/video files
- archives and their contents
- applications
- ... and much more

What is Beagle ?

What is the status?

a Profile

What is the status?

a Profile

Configuration settings and other data associated with an individual user or with a group

http://en.wikipedia.org

What is the status?

a Profile

What is the status?

a Profile

What is the status?

a Profile

- must machine readable

What is the status?

a Profile

- must machine readable
- needs different attributes to describe a person or a group

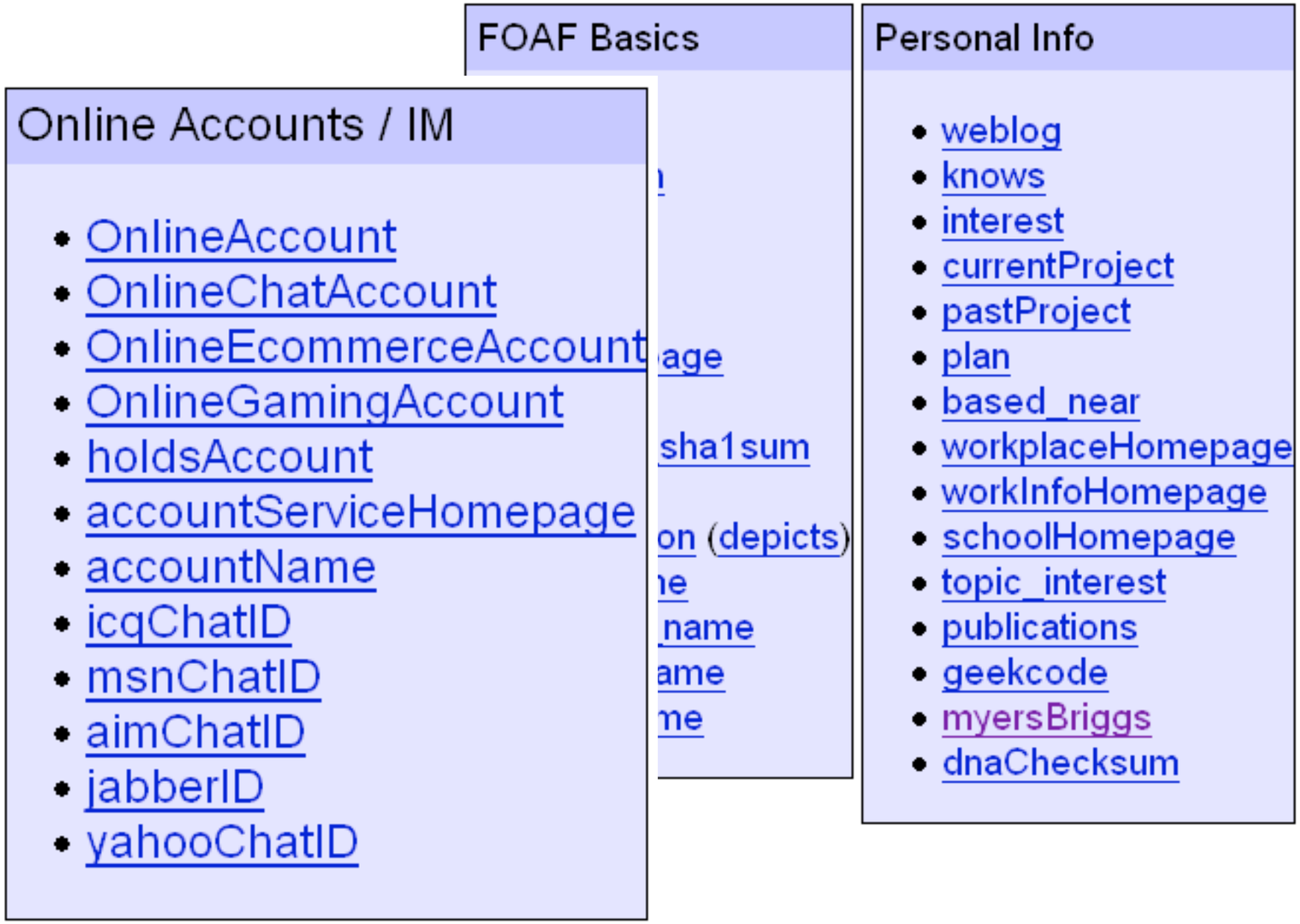
a Profile

- must machine readable
- needs different attributes to describe a person or a group
- needs an expandable description

FOAF Basics	Personal Info
• Agent • Person • name • nick • title • homepage • mbox • mbox_sha1sum • img • depiction (depicts) • surname • family_name • givenname • firstName	• weblog • knows • interest • currentProject • pastProject • plan • based_near • workplaceHomepage • workInfoHomepage • schoolHomepage • topic_interest • publications • geekcode • myersBriggs • dnaChecksum

FOAF- Friend of a Friend

What is the status?



FOAF- Friend of a Friend

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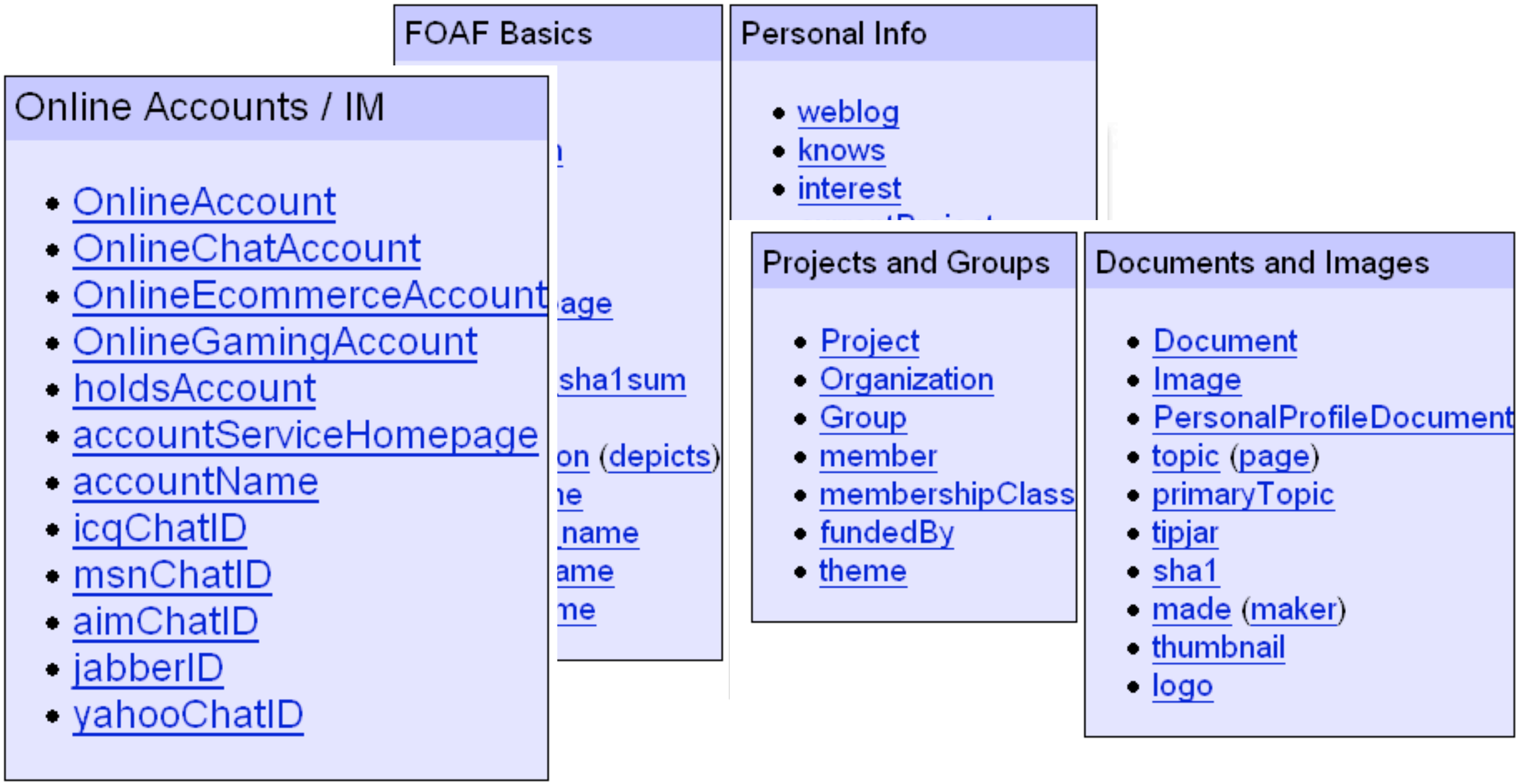
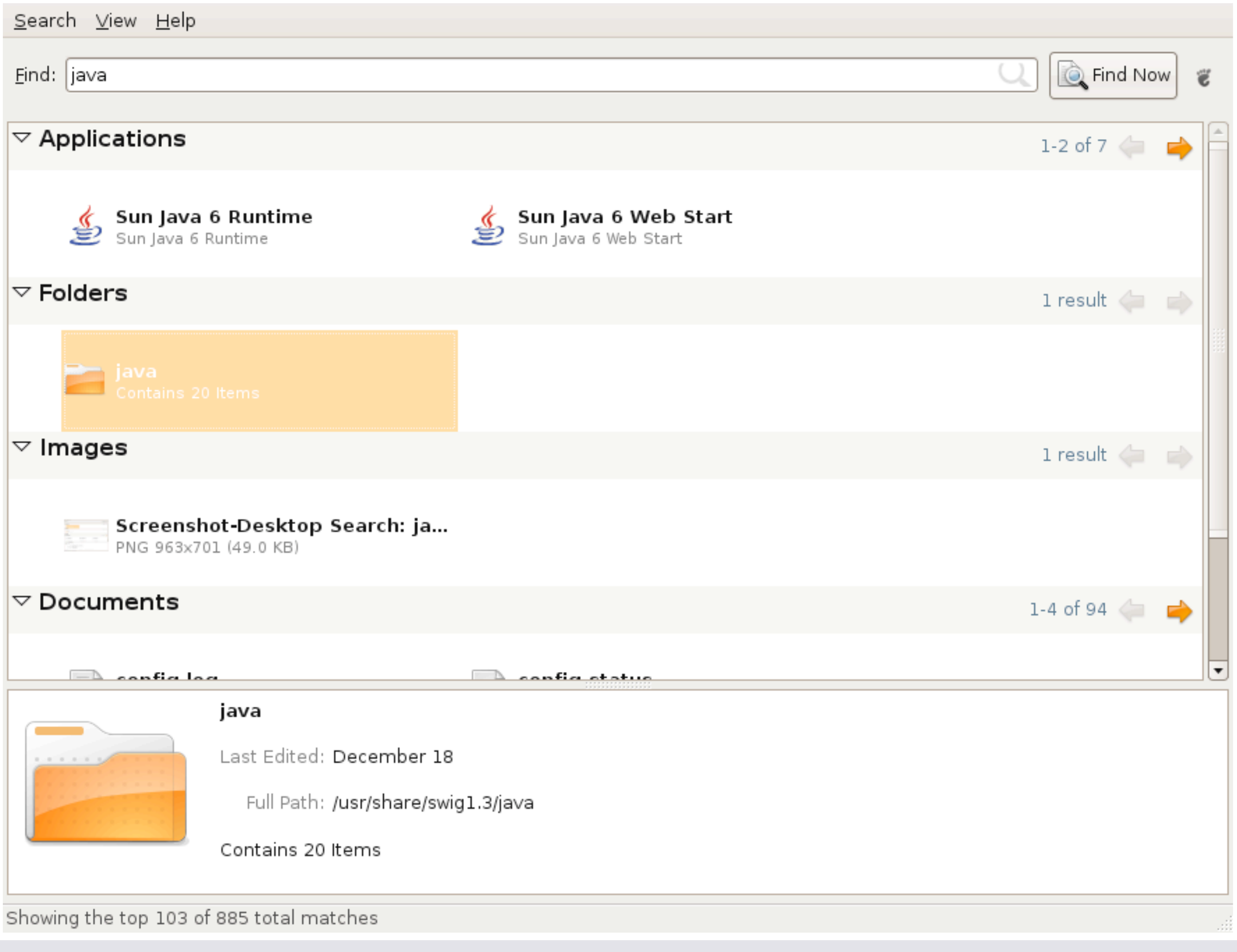


FOAF- Friend of a Friend

What is the status?



What is the status?

Search View Help

Find: java Find Now

Contacts 1 result

lars maehlmann
lmaehlmann@sunshine-company.de

Folders 1 result

java
Contains 20 Items

Images

Documents 1-6 of 95

config.log
Friday

config.status
Friday

configure
Friday

lars maehlmann
dipl inf

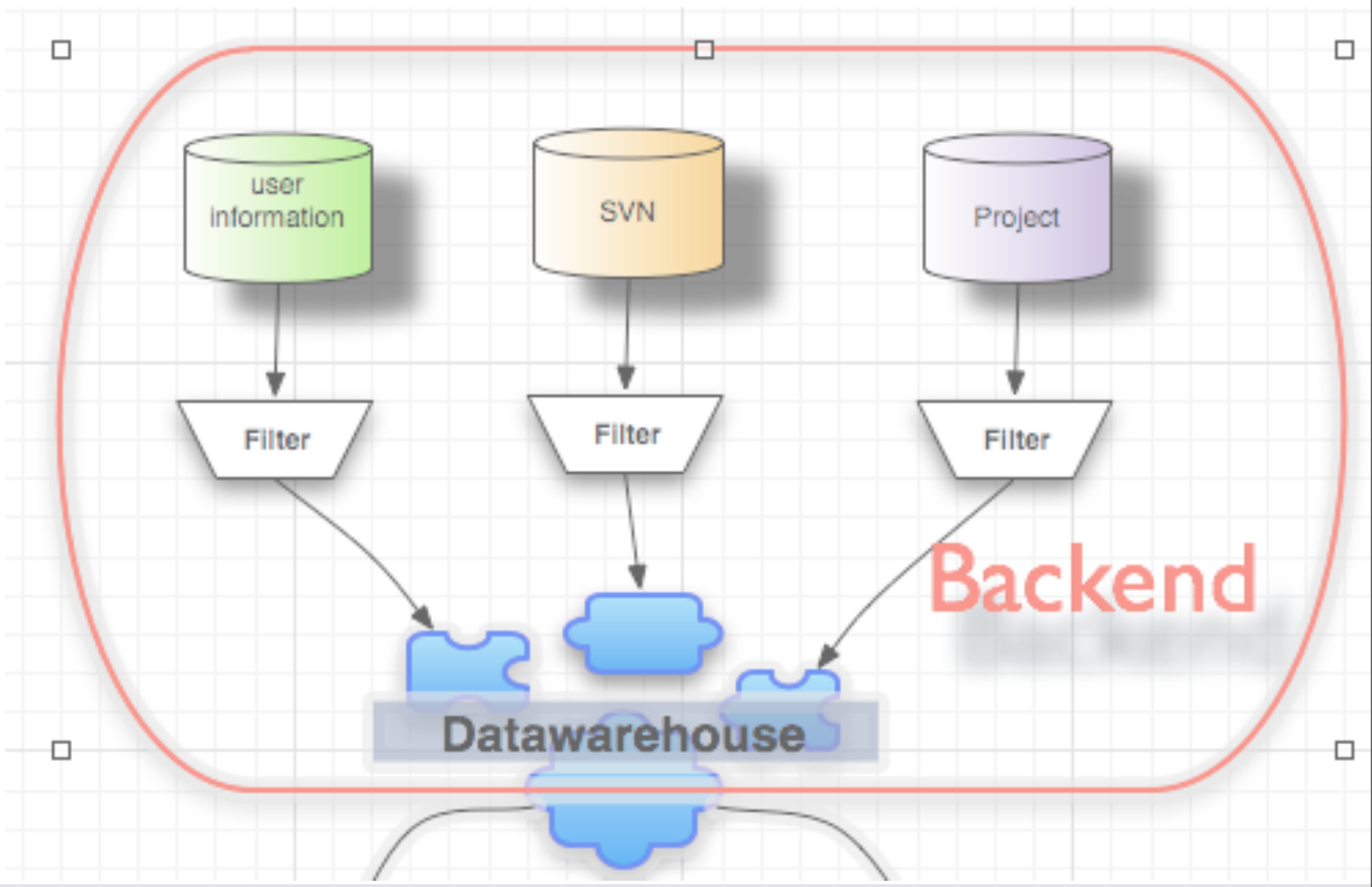
E-Mail: lmaehlmann@sunshine-company.de
Mobile Phone: +491772758071
Home Phone: +494940168109

Showing the top 97 of 874 total matches

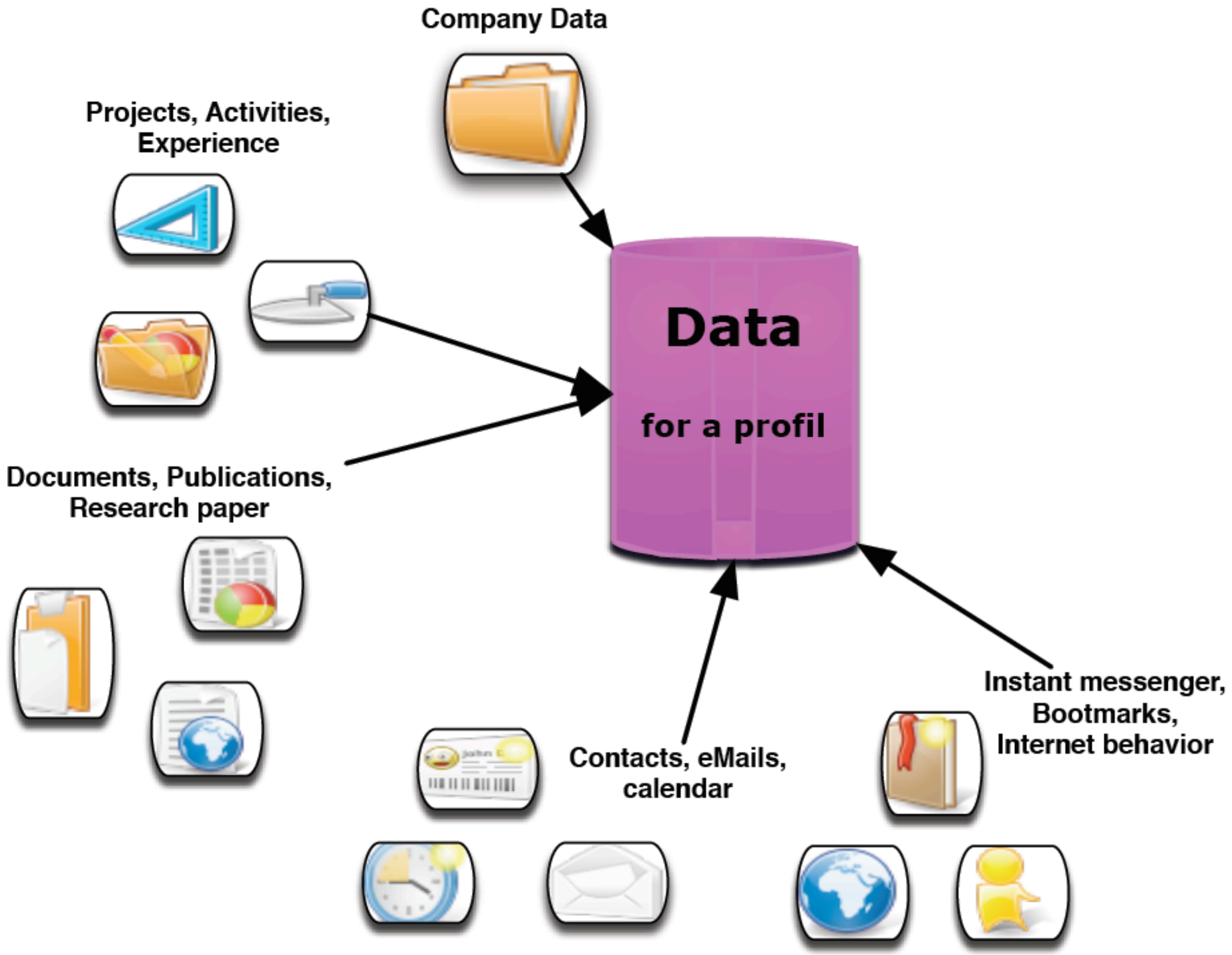
What is the status?

Backend

- What kind of Data is available?
- Collect Data
- Analysis Data



What is the future work?



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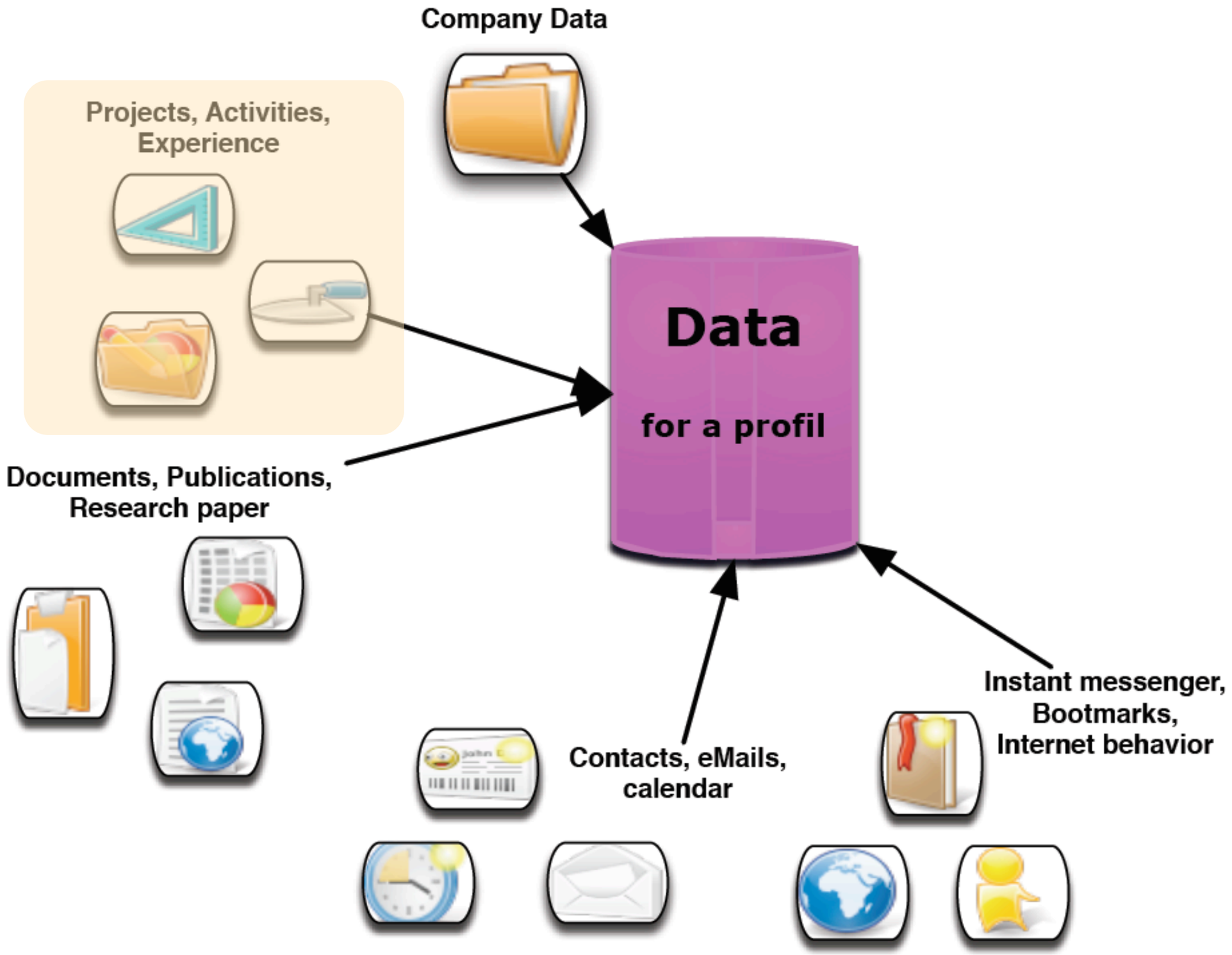

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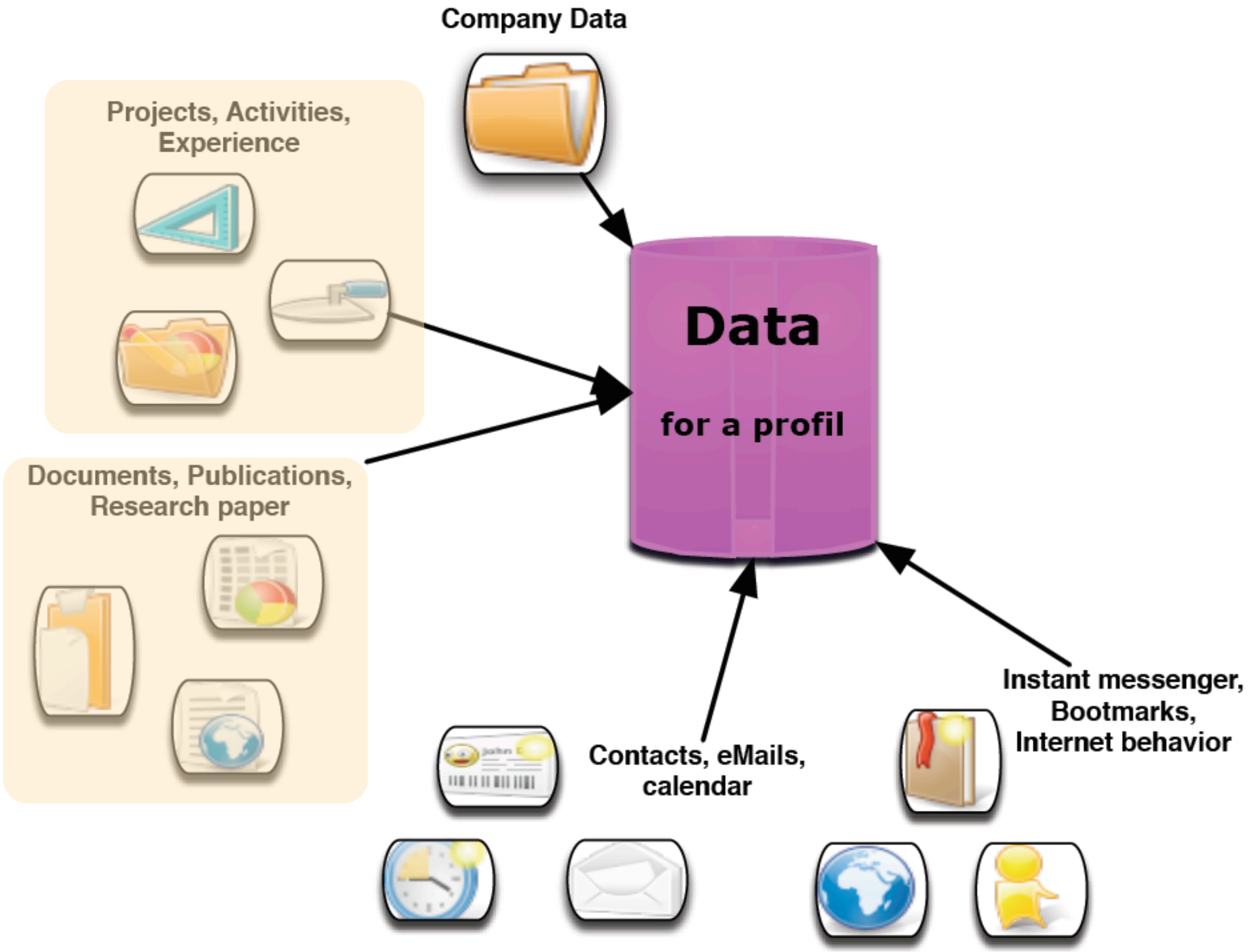

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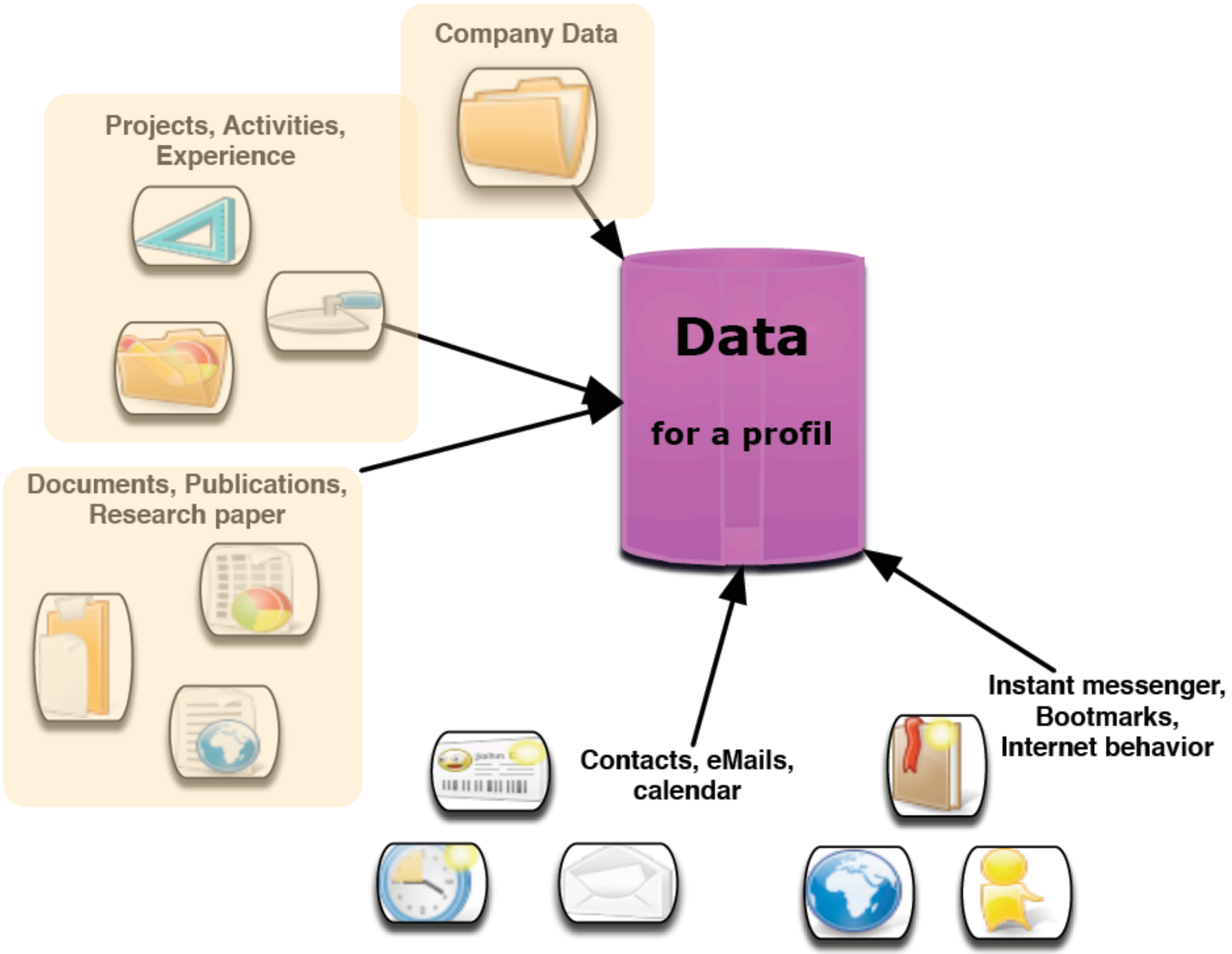

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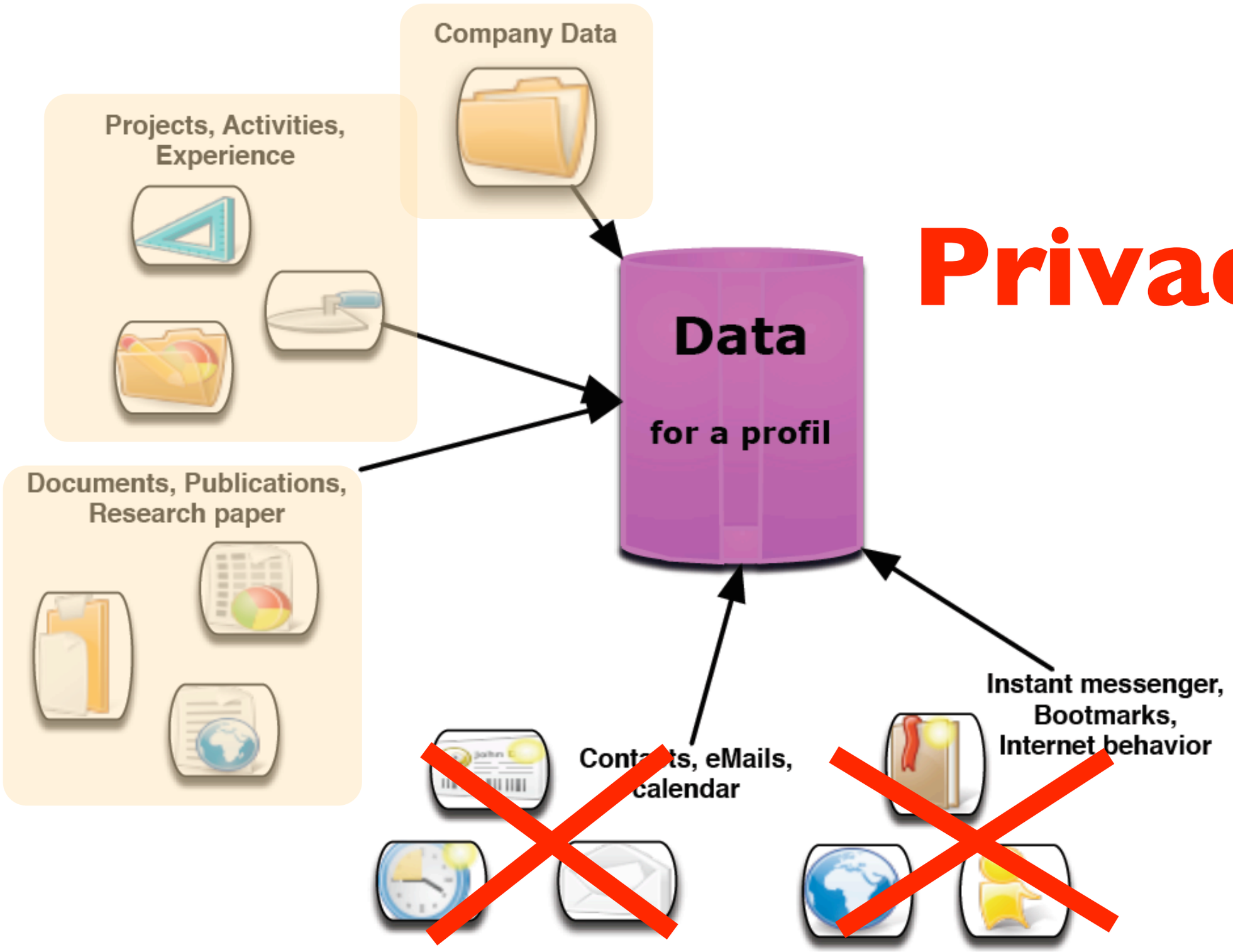
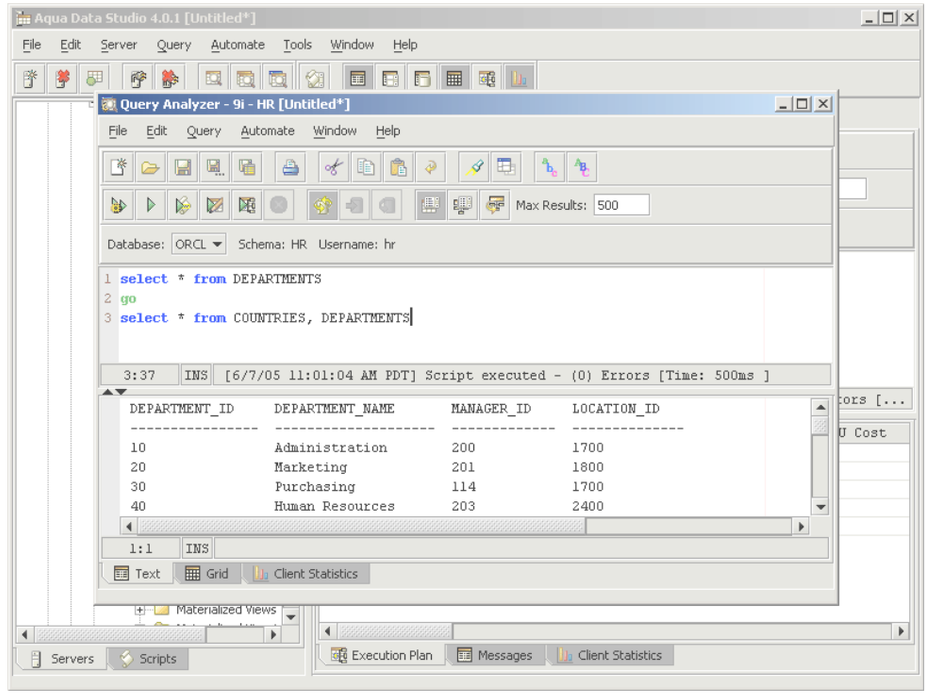


Privacy

What is the future work?

Extract Data

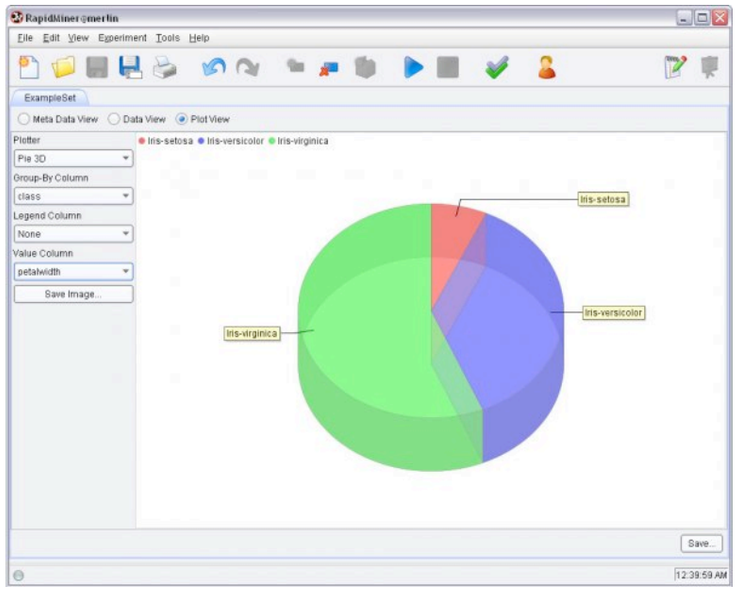
- Search engines
- Database queries
- Dig for Information manual by hand

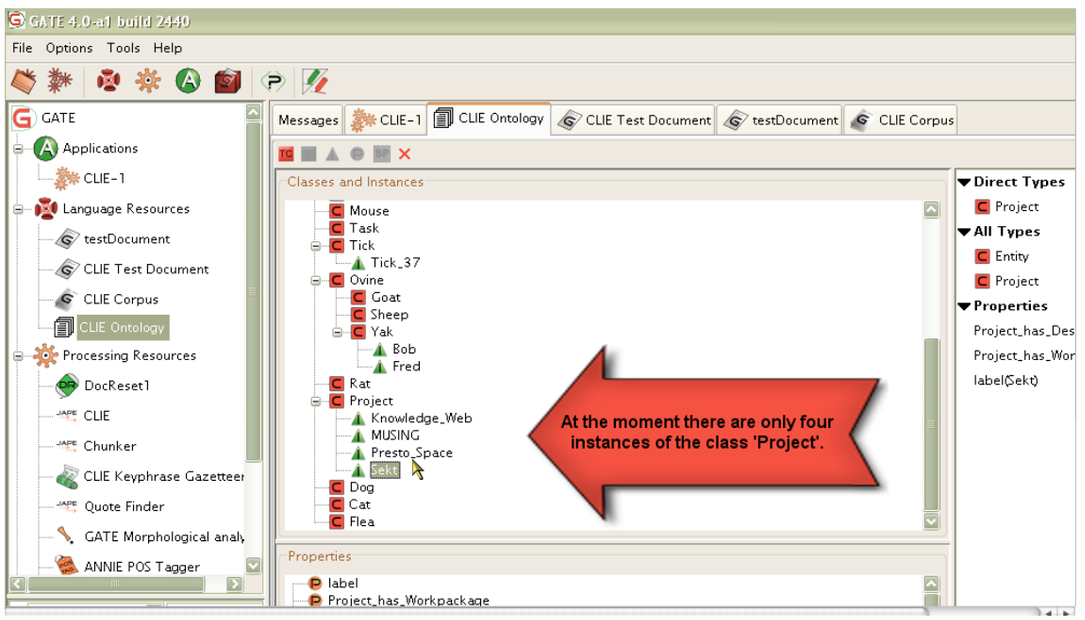


What is the future work?

Information Analysis

- Data mining
  - Association analysis
- Cluster analysis
- Text Mining
- Fuzzy Logic





What is the future work?

Summary

Summary

Showstopper

- Can’t get any useful information
- No results from Data Mining
- Can’t find relations between persons and keywords, data, ...
- It takes a lot of research

My approach

- Only in the intranet
- Only a small part of the intranet
- The data are structured (in parts)
- The date are traceable
- The data are reliable

Status

- Create a profile description
- Implement a search filter for beagle
- Find data, extract it and analyze the data
- Create automatically searchable profiles

Future

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Aufbau, Pflege und Betrieb des Softwarekonfigurationsmanagement (SKM)

Betreuung und Pflege der Werkzeuge:

- Ant: Buildtool im Java Umfeld
- Antipater: Informationsgewinnung ueber den Softwarelifecycle
- ChangeSynergy: Aenderungsverwaltung, Fehlerverfolgung, etc.
- CMSynergy: Software Konfigurationsverwaltung
- CruiseControl: Automatisierung und kontinuierliche Integration von Builds
- Eclipse (Java-Entwicklungsumgebung)
- WSAD (Websphere Studio Application Developer)

Future

Search View Help

Find: java Find Now

Contacts 1 result

lars maehlmann
lmaehlmann@sunshine-company.de

Folders

java
Contains 20 Items

Images

Documents

config.log
Friday

conf
Friday

README.html

INST

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Summary

"That's all Folks!"

Literature I

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Matsuo, Y., Mori, J., Hamasaki, M., Ishida, K., Nishimura, T., Takeda, H., Hasida, K., and Ishizuka, M. 2006. POLYPHONET: an advanced social network extraction system from the web. In Proceedings of the 15th international Conference on World Wide Web (Edinburgh, Scotland, May 23 - 26, 2006). WWW '06. ACM, New York, NY, 397-406.

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Data Mining Through Fuzzy Social Network Analysis. Nair, Premchand S.; Sarasamma, Suseela T.;. North American Fuzzy Information Processing Society, 2007. NAFIPS '07. Annual Meeting of the , 24-27 June 2007 Page(s):251 - 255. Digital Object Identifier 10.1109/NAFIPS.2007.383846

Any Questions ?

http://looneytunes.warnerbros.com/files/looneytunes2004/us/p-3475/391/wile_800x600.jpg