

Deliver who I mean

Lars Maehlmann

Hamburg, 04.12.07

Suchseite - SIGNAL IDUNA info.net

file:///Users/grrroby/Documents/HAW2007/svnro

Aktuelle Nachrichten... AppleInsider Application Develop... Golem.de Home - kicker online ImaeHmann

Suchseite - SIGNAL IDUNA info.net Suchseite - SIGNAL IDUNA info.net

Startseite

- Aktuelles
- Anwendungen
- AuskÄ¼nfte
- Produkte / Sparten
- Publikationen
- Ressorts und LD/FDen
- Sondergruppen
- Tochtergesellschaften
- WWW-Links

Sortierung Relevanz Treffer pro Seite 20 [Erweiterte Suche](#)

Ihre Suchanfrage "ant eclipse" lieferte Ergebnisse in 2 Ansprechpartner 2 MenÃ¼punkten und 4 Dokumenten.

C/S-Tools	Ansprechpartner	Telefon	Ort	Status
Ant	Constantine Help	(HH)-21 86	(HH)-J335	online
Eclipse/Tools	Alfred E. Neumann	(HH)-37 53	(HH)-J335	online
	Constantine Help	(HH)-21 86	HH-J335	online

Suchergebnisse 1 - 8 von 10

MenÃ¼punkte

[Ressorts und LD/FDen](#) » [Ressort 8](#) » [aeb-97400](#) » [aems-97440](#) » [Mitarbeiter](#)
Erstellt am 11.08.2005 / letzte Ä¼nderung 30.05.2006

[Ressorts und LD/FDen](#) » [Ressort 8](#) » [aeb-97400](#) » [aems-97440](#) » [betreute Anwendungen](#)
Erstellt am 06.07.2005 / letzte Ä¼nderung 14.03.2007

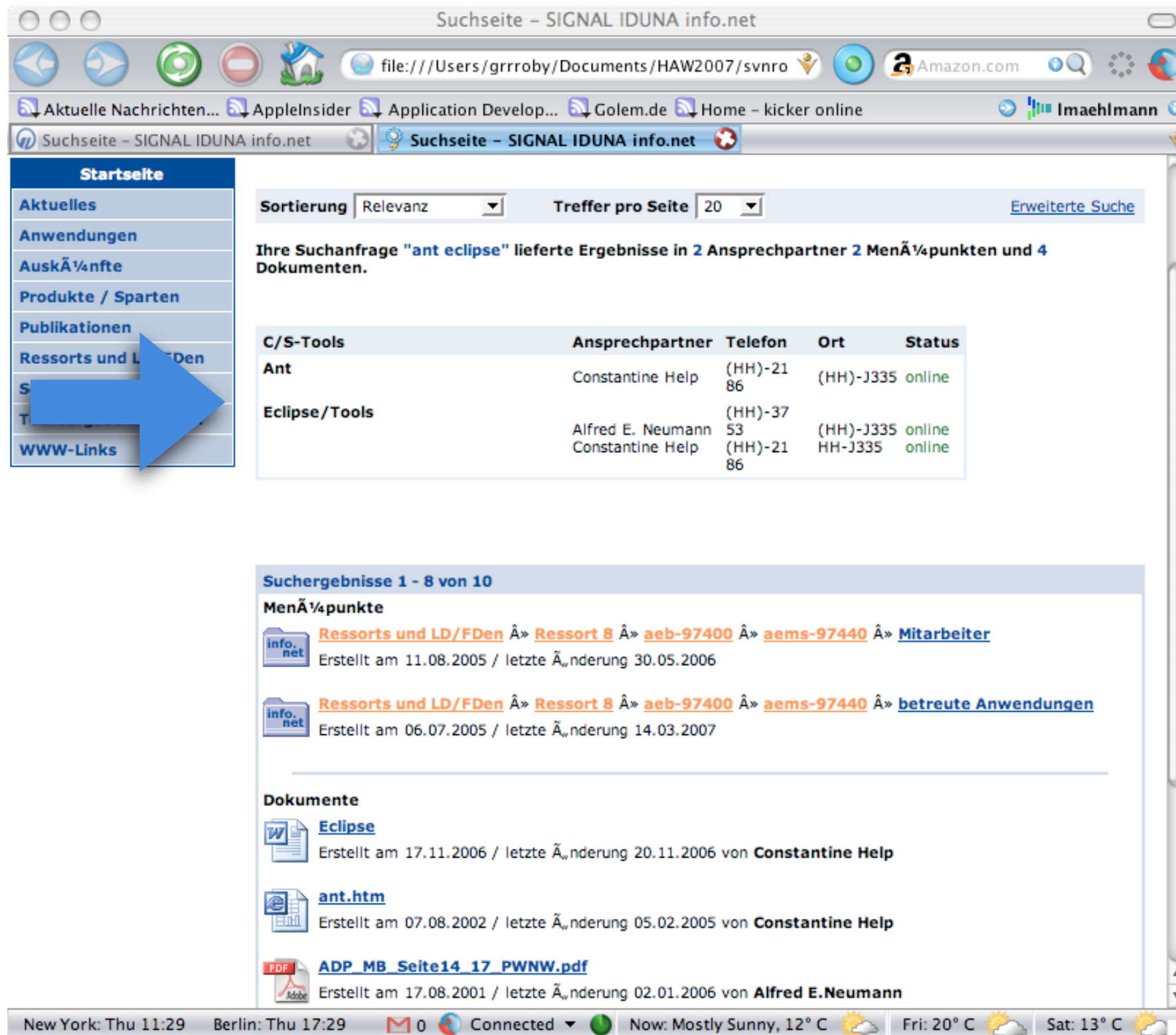
Dokumente

[Eclipse](#)
Erstellt am 17.11.2006 / letzte Ä¼nderung 20.11.2006 von **Constantine Help**

[ant.htm](#)
Erstellt am 07.08.2002 / letzte Ä¼nderung 05.02.2005 von **Constantine Help**

[ADP_MB_Seite14_17_PWNW.pdf](#)
Erstellt am 17.08.2001 / letzte Ä¼nderung 02.01.2006 von **Alfred E. Neumann**

New York: Thu 11:29 Berlin: Thu 17:29 0 Connected Now: Mostly Sunny, 12° C Fri: 20° C Sat: 13° C



Suchseite – SIGNAL IDUNA info.net

file:///Users/grrroby/Documents/HAW2007/svnro Amazon.com

Aktuelle Nachrichten... AppleInsider Application Develop... Golem.de Home – kicker online ImaeHmann

Suchseite – SIGNAL IDUNA info.net Suchseite – SIGNAL IDUNA info.net

Startseite

- Aktuelles
- Anwendungen
- AuskÄ¼nfte
- Produkte / Sparten
- Publikationen
- Ressorts und LD/FDen
- S...
- T...
- WWW-Links


Sortierung Relevanz Treffer pro Seite 20 Erweiterte Suche


Ihre Suchanfrage "ant eclipse" lieferte Ergebnisse in 2 Ansprechpartner 2 MenÃ¼punkten und 4 Dokumenten.

C/S-Tools	Ansprechpartner	Telefon	Ort	Status
Ant	Constantine Help	(HH)-21 86	(HH)-J335	online
Eclipse/Tools	Alfred E. Neumann	(HH)-37 53	(HH)-J335	online
	Constantine Help	(HH)-21 86	HH-J335	online


Suchergebnisse 1 - 8 von 10


MenÃ¼punkte


 [Ressorts und LD/FDen](#) » [Ressort 8](#) » [aeb-97400](#) » [aems-97440](#) » [Mitarbeiter](#)
Erstellt am 11.08.2005 / letzte Ä¼nderung 30.05.2006

 [Ressorts und LD/FDen](#) » [Ressort 8](#) » [aeb-97400](#) » [aems-97440](#) » [betreute Anwendungen](#)
Erstellt am 06.07.2005 / letzte Ä¼nderung 14.03.2007

Dokumente

 [Eclipse](#)
Erstellt am 17.11.2006 / letzte Ä¼nderung 20.11.2006 von Constantine Help

 [ant.htm](#)
Erstellt am 07.08.2002 / letzte Ä¼nderung 05.02.2005 von Constantine Help

 [ADP_MB_Seite14_17_PWNW.pdf](#)
Erstellt am 17.08.2001 / letzte Ä¼nderung 02.01.2006 von Alfred E. Neumann

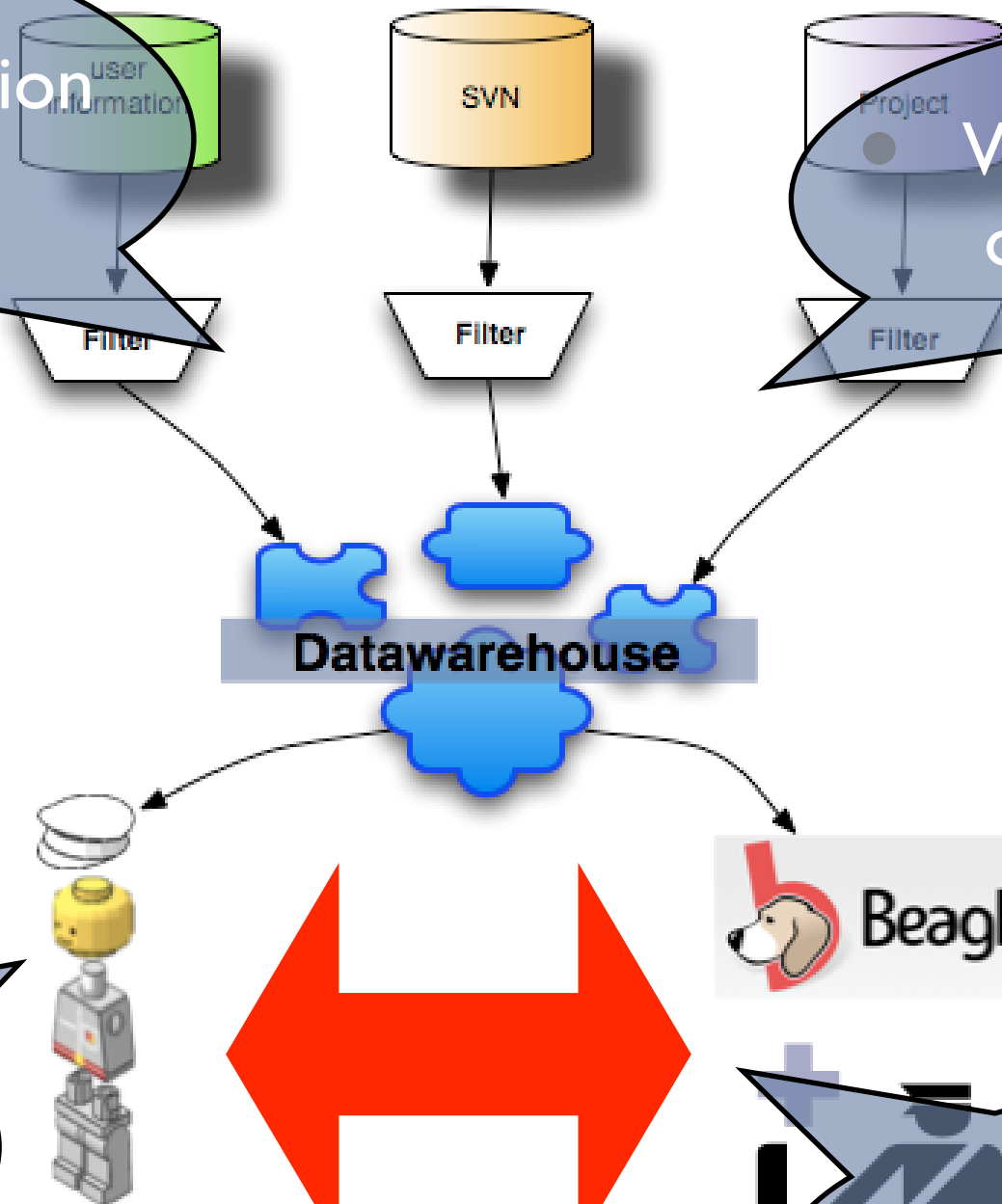
New York: Thu 11:29 Berlin: Thu 17:29 0 Connected Now: Mostly Sunny, 12° C Fri: 20° C Sat: 13° C

A Phone Number

C/S-Tools	Ansprechpartner	Telefon	Ort	Status
Ant	Constantine Help	(HH)-21 86	(HH)-J335	online
Eclipse/Tools	Alfred E. Neumann	(HH)-37 53	(HH)-J335	online
	Constantine Help	(HH)-21 86	HH-J335	online

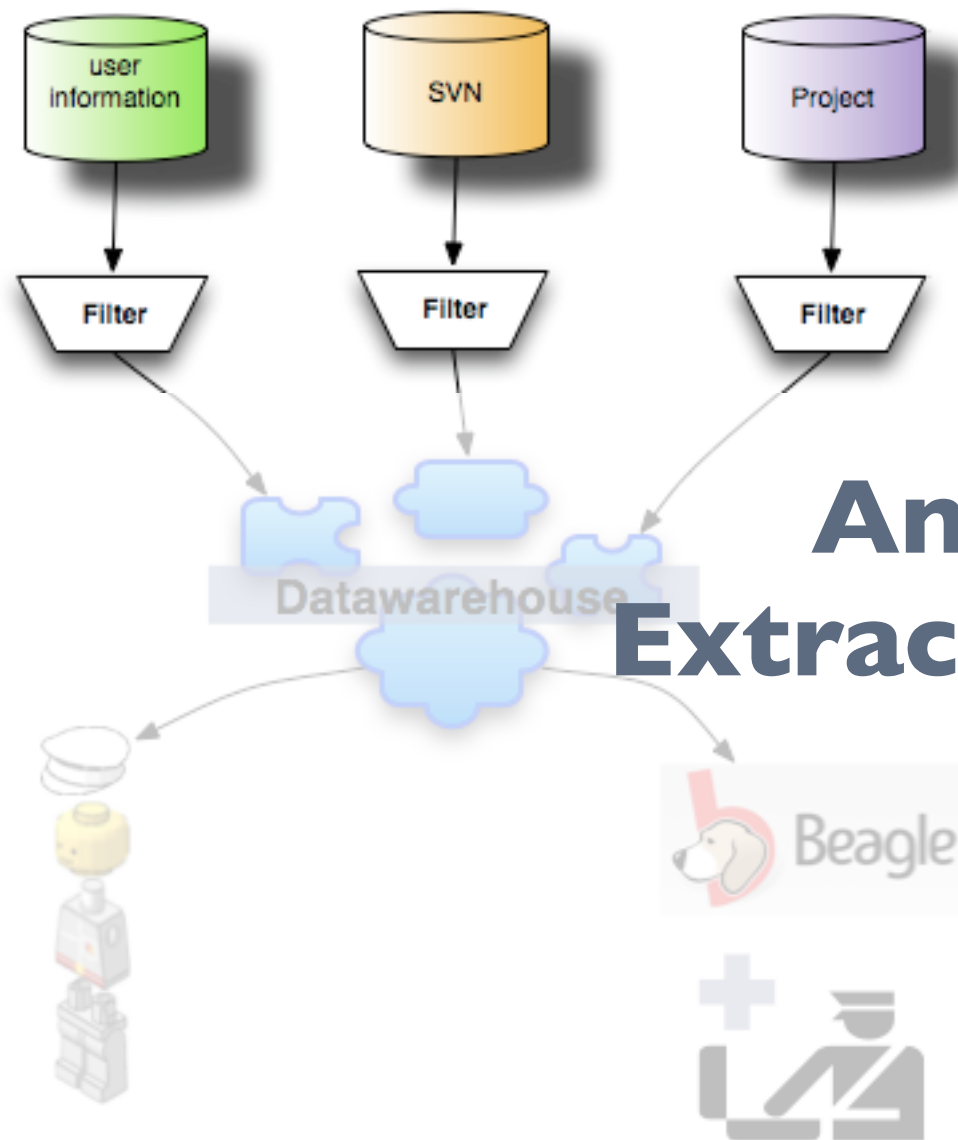
What kind of information
can the system offer?

What is the relevance
of the data?



Is the information
still valid?

Can I restrict the information
depending on the user



Polyphonet

An Advanced Social Network Extraction System from the Web

Ref[1]

[Researcher Information](#)
[Bookmark](#)
[ActionLog](#)
[Ironomy](#)
[Help for This Page](#)



Yutaka Matsuo
AIST

[Related people](#)
[Edit your profile](#)

Status of link with Information Clip

(unavailable) Link Code: [Link](#) [make it available](#)

Acquaintances








Know each other (2) / Who you know (4) / Who knows you (8)
[Show All]

Yutaka Matsuo's Presentation

Invited Demo : ID03
Ubiquitous Community Support System for UbiComp2005

Neighbor Human Network



Related People

■ Coauthor
 ■ Laboratory
 ■ Project
 ■ Presentation
 ■ Know



Takuichi Nishimura ■ ■
AIST



Helmut Prendinger ■ ■
NIL



Akio Sashima ■ ■
AIST



Hideaki Takeda ■ ■
National Institute of Informatics



Yasuyuki Sumi ■ ■
Kyoto University



Tim Kindberg ■
HP Labs



Koichi Kurumatani ■
AIST



Noriaki Izumi ■
AIST



Hideyuki Nakashima ■
Future University - Hakodate



Yoshiyuki NAKAMURA
ITRI, National Institute of AIST, Japan

[Show All]

Ref[1]

What is Polyphonet

The screenshot displays a researcher profile for Yutaka Matsuo. The profile includes a header with navigation tabs (Researcher Information, Bookmark, ActionLog, Ironomy), a profile picture, and basic information (Name: Yutaka Matsuo, Affiliation: AIST). Below this, there are links for 'Related people' and 'Edit your profile'. A section titled 'Status of link with Information Clip' shows a link code and a 'Link' button. The 'Acquaintances' section features a row of small profile pictures and statistics: 'Know each other (2) / Who you know (4) / Who knows you (8)'. The 'Yutaka Matsuo's Presentation' section lists an invited demo (ID03) titled 'Ubiquitous Community Support System for UbiComp2005'. The 'Neighbor Human Network' section contains a network diagram with nodes representing people and edges representing relationships. A list of related people is shown on the right, including Hideaki Takeda, Yasuyuki Sumi, Tim Kindberg, Koichi Kurumatani, Noriaki Izumi, Hideyuki Nakashima, and Yoshiyuki NAKAMURA. A blue speech bubble is overlaid on the right side of the page, containing text about data extraction techniques.

employs several techniques to extract relations of persons, detect groups of persons, and obtain keywords for a person.

Ref[1]

What is Polyphonet



What is Polyphonet

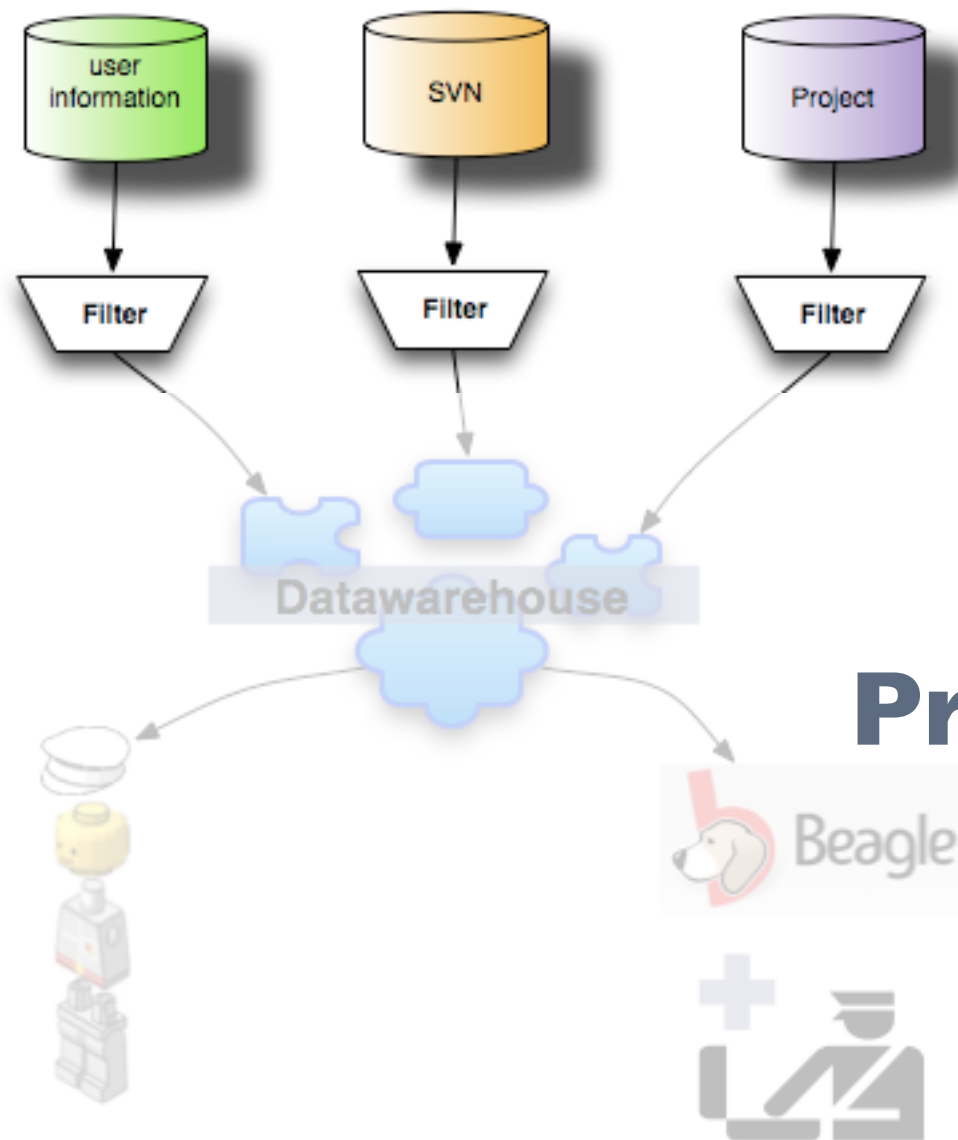
- Class of Relation,
more than 30 kinds of relationships
- Scalability,
number of queries could behave like $O(n^2)$
- Co - occurrence,
personal meta-data useful for information retrieval &
recommendations, compare person-to-word matrix



Algorithm for data mining

Drawbacks

- is even more than a proof of concept
- shows some implementation for extracting data
- depends only on web documents and relation between person
- does not include enough structural data



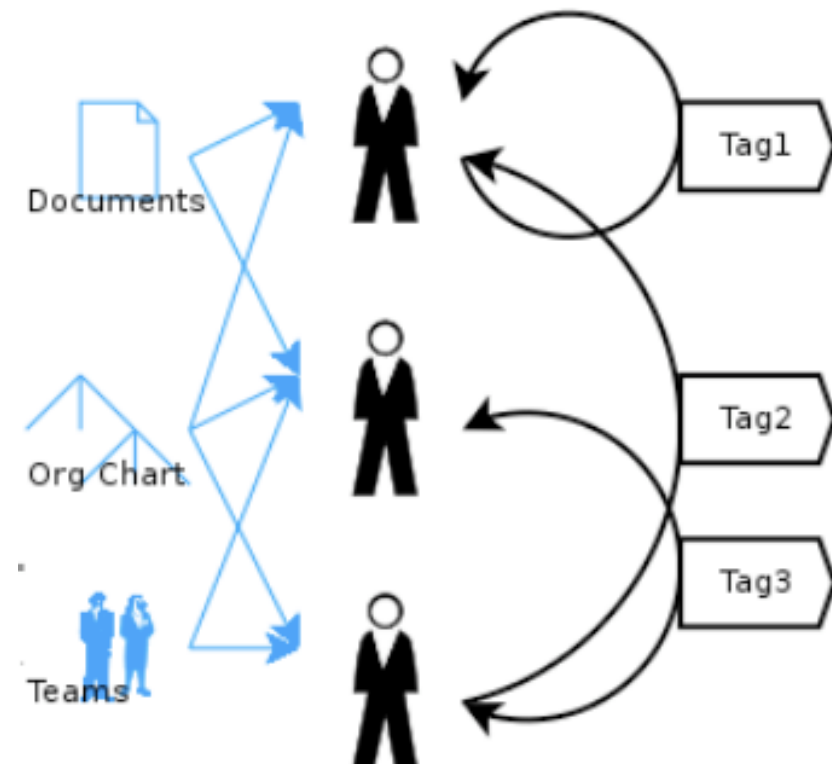
Fringe

Augmenting Employee Profiles with People-Tagging

Ref[2]

What is Fringe?

- a system that enables users to *tag other users with key words that are displayed on their profile*
- *contributes distinctive information to the employees profile beyond the information available in the basic profile.*

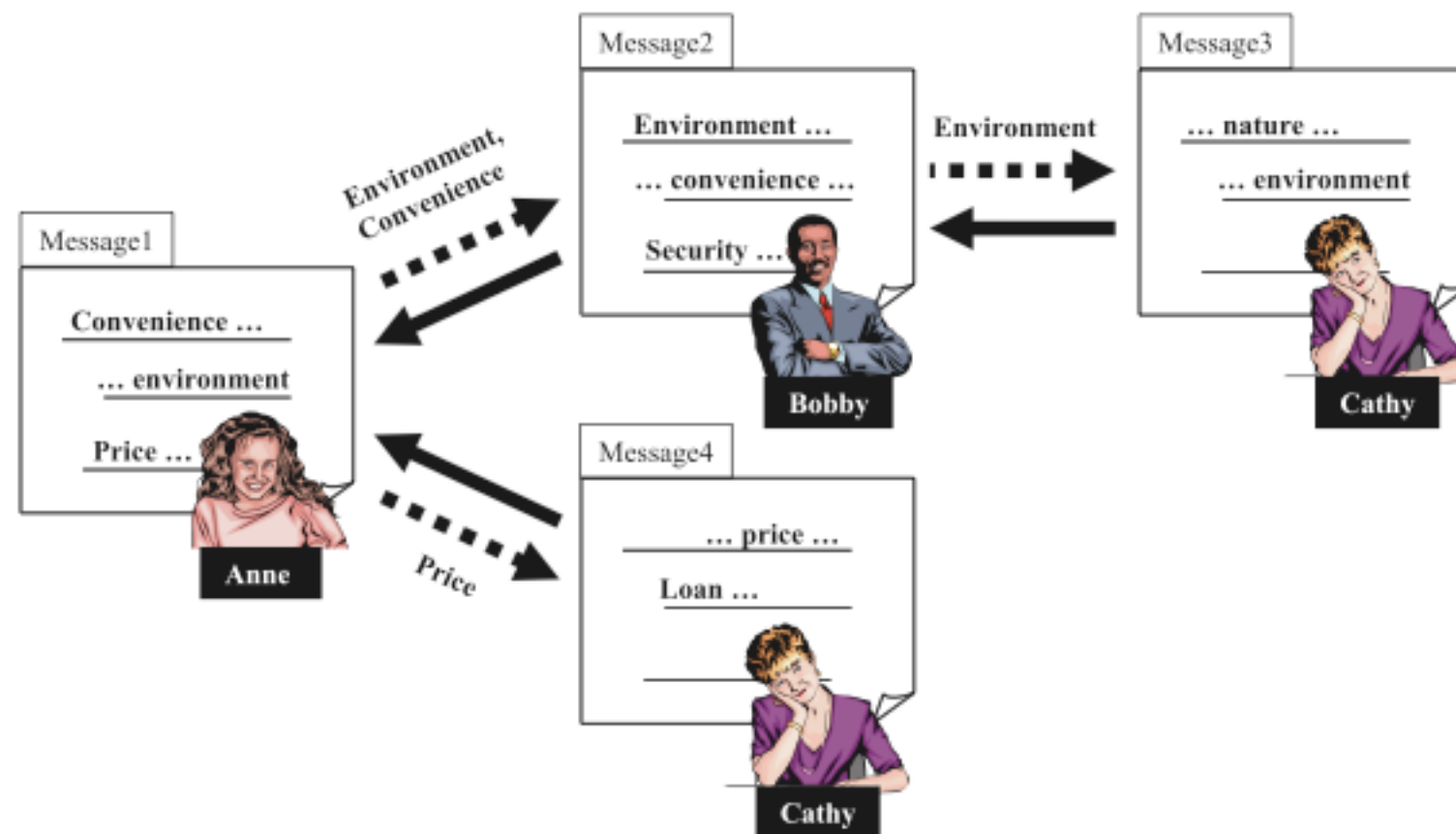


Ref[2]

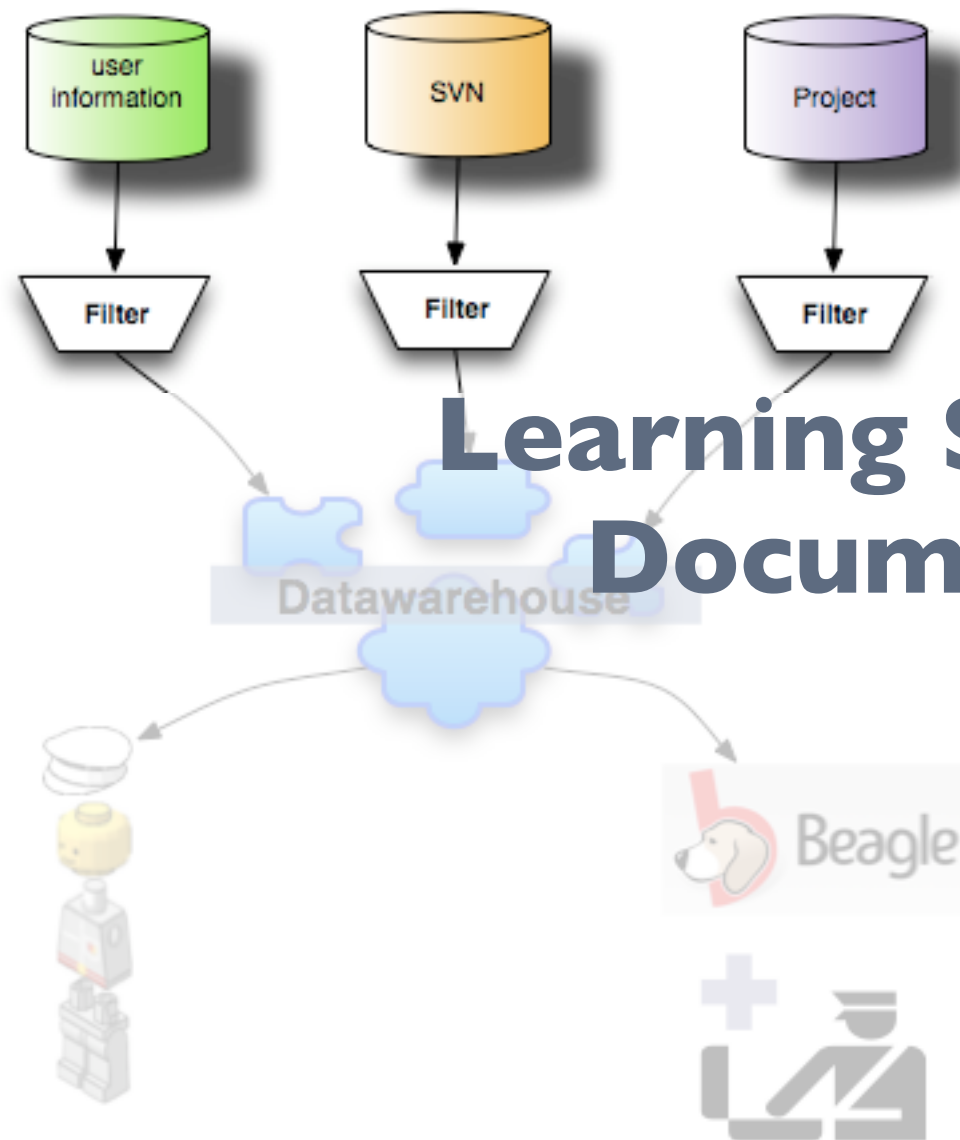
Drawbacks

- depends on all kind of information
- implements in all kind of tools are available
- is an easy Algorithm
- uses something similar to Google's Page Ranking, indicates the strength to a topic, depends on how often tags
- uses tags based on personal information, not verification

Mining Directed Social Network from Message Board



Ref[3]



Learning Social Networks from Web Documents Using Support Vector Classifiers

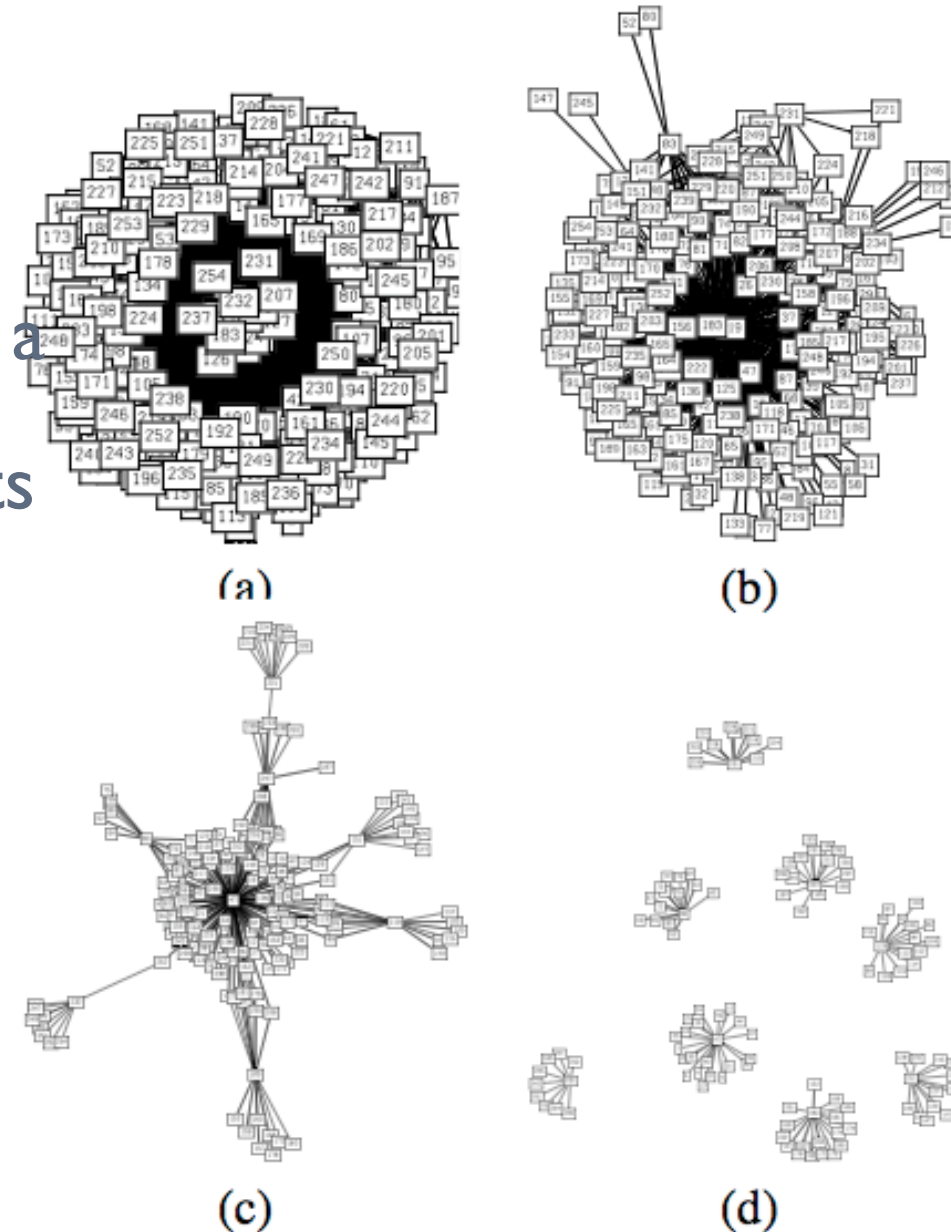
Ref[4]

Two types of Information

- Relation between individual persons
- Any resource related to a person (web resources)

Create a social network

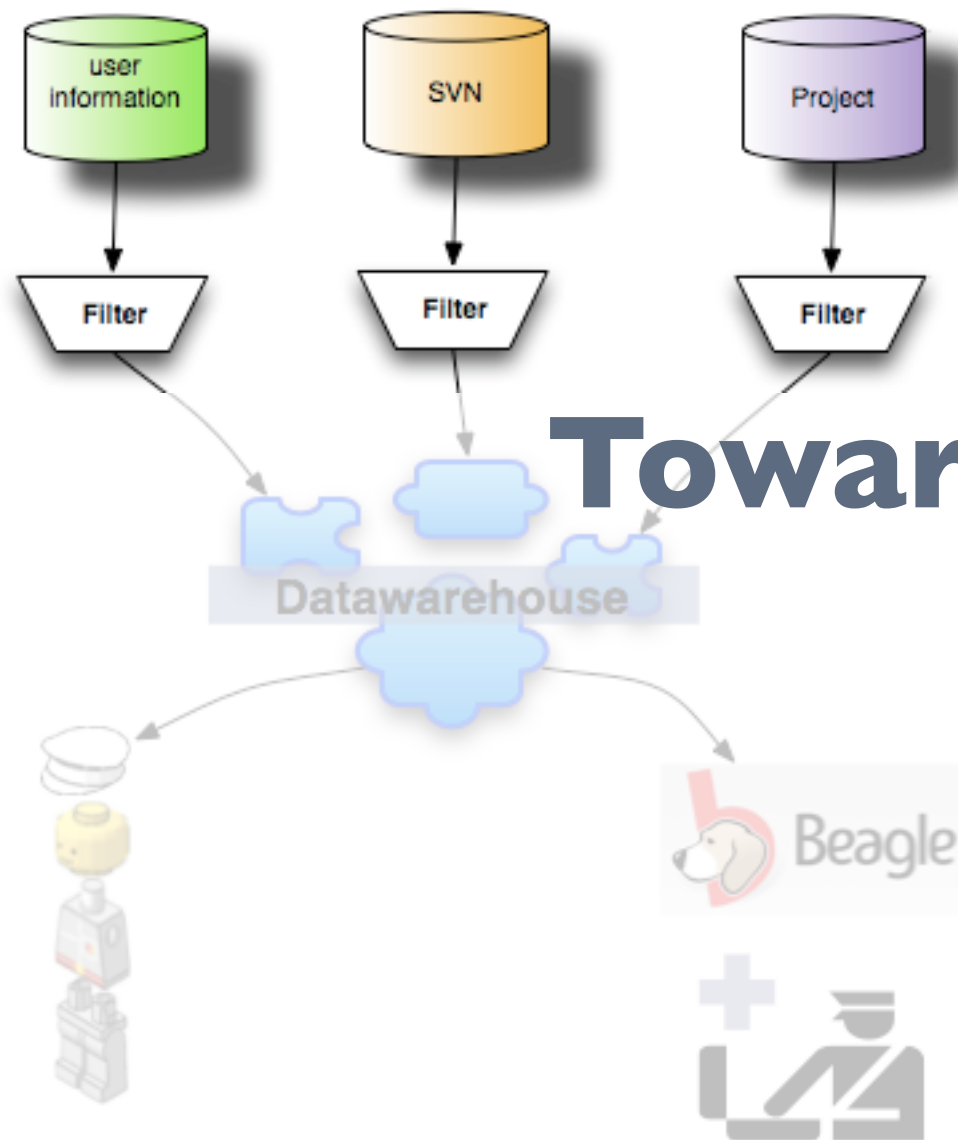
- create (semi)automatically a social network from a collection of web documents
- represent each person by
 - features
 - attributes



Ref[4]

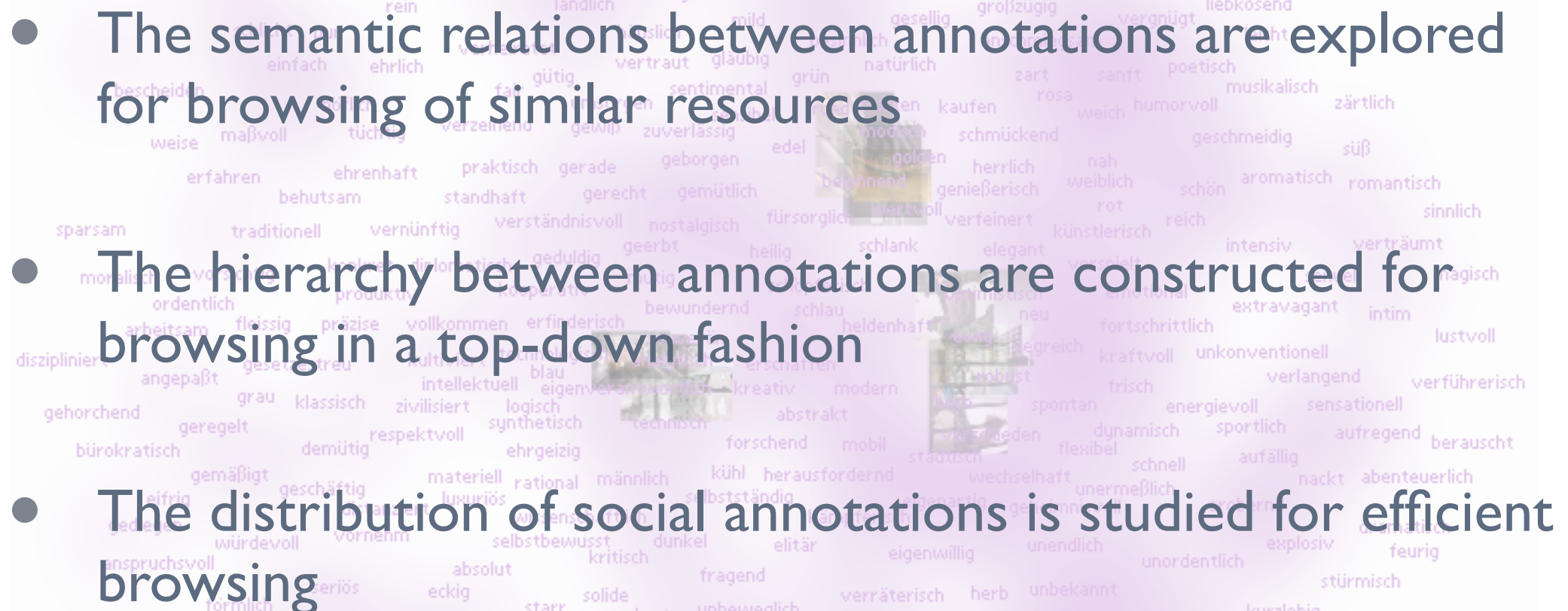
Drawbacks

- represent social networks by a adjacency matrix
- propose an aggregation vector instead of document similarity
- in the social network is a low precision
- Classify the Support Vector Machines (SVM)
- Information retrieval



Towards effective browsing of large scale social annotations

Ref[5]

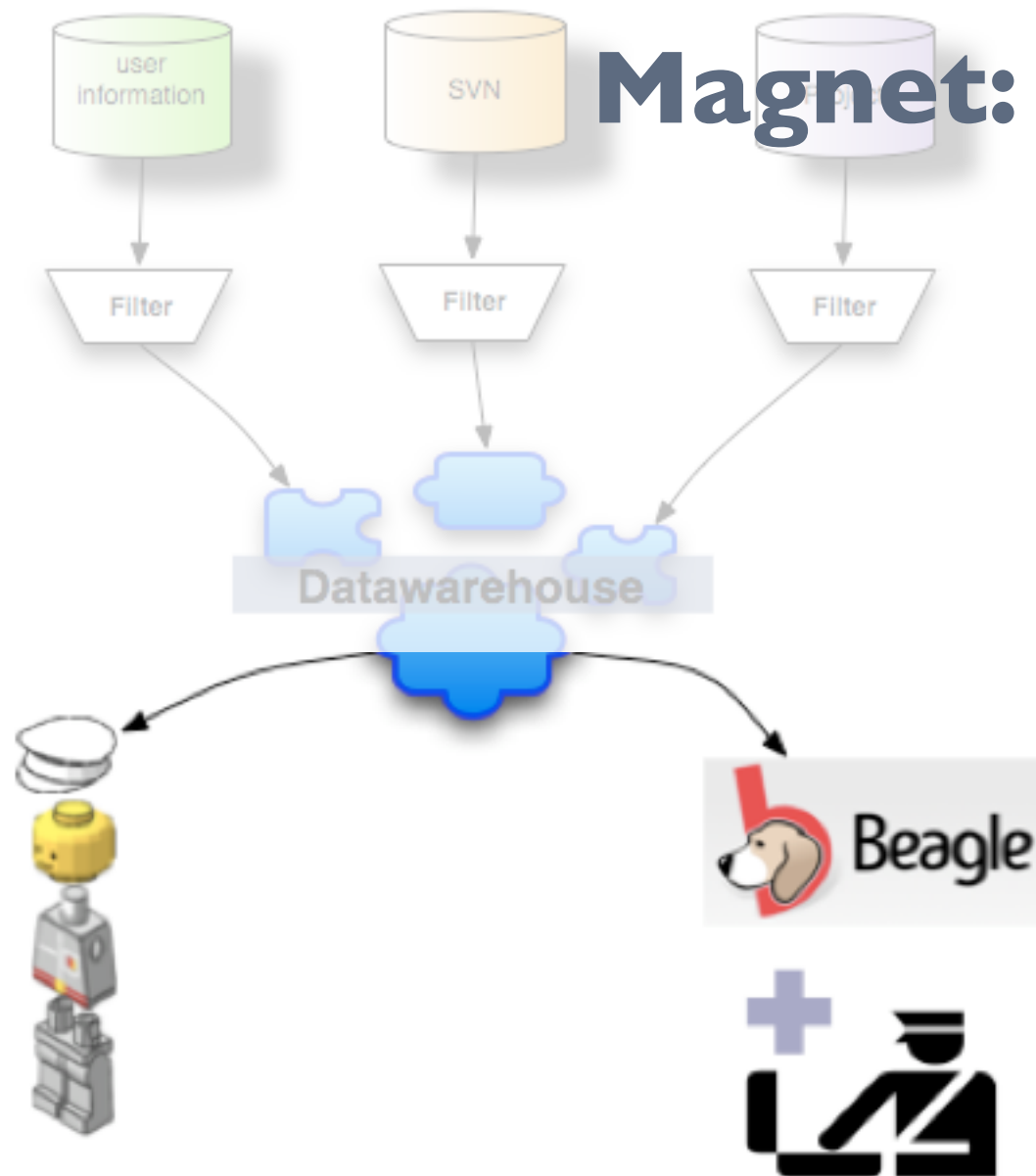
- 
- The semantic relations between annotations are explored for browsing of similar resources
 - The hierarchy between annotations are constructed for browsing in a top-down fashion
 - The distribution of social annotations is studied for efficient browsing

Drawbacks

- describe some Cluster Analysis
- use Lucene API (like Beagle)
- time related browsing
- no implementation
- performance is unknown

Magnet: Supporting Navigation in Semistructured Data Environments

Ref[6]



Common
Navigation Tools

Query
Constraints

Navigation Pane

Back Home Go to Search for

collection (22 items): X Cuisine: Greek
X Ingredients: Parsley X type Recipe

Similar Items X

Overall:
Documents (44)

Sharing a property:
Ingredients Is Kind Of Seasonings (5968)

Refine Collection X

Body Content:
Garlic (16), Greek (12), Oil (20), Oregano (10), Pita (5), ...

Cooking Method:
Advance (5), Bake (3), Broil (6), Saute (3), Slow-cook (2), ...

Course:
Appetizers (8), Hors D'Oeuvres (5), Main Dish (12), Side Dish (3)

Cuisine:
Indian (2), Italian (2), Mediterranean (7)

Ingredient Is Kind Of:
Cereal (2), Dairy (11), Nuts (2), Oils (19), Vegetables (14), ...

Ingredients:
Cheese (6), Herbs (5), Oil (19), Olives (19), Yogurt (6), ...

Name:
Greek (5), Lemon (2), Marinated (3), Moussaka (2), Yogurt (3), ...

Recipe Created:
January (3), June (4), May (7), September (4)

Season:
Fall (4), Spring (9), Summer (6), Winter (3)

Query

In Recipes > Greek > Parsley

Change view Change layout

Recipe: Chicken Escapes With Carrots, Mustard Cream And Avocado Mayo

Recipe: Couscous And Bulgur Pilaf

Recipe: Dolmades With Yogurt-Mint Sauce

Recipe: Grape Leaves Stuffed With Dill-Scented Rice

Recipe: Greek Mussel And Potato Stew

Recipe: Greek Potatoes With Lemon Vinaigrette

Recipe: Greek Yogurt Bourekakia

Recipe: Greek-Style Pasta With Shrimp

Recipe: Green Bean, Zucchini And Potato Stew

Recipe: Grilled Lamb With Lima Bean Skordalia

Recipe: Herb-Marinaded Squid

Recipe: Herbed Eggplant With Tomatoes, Onion And Garlic

Recipe: Lamb Burgers In Pita With Yogurt Sauce

Recipe: Lemon-Oregano Chicken

Recipe: Lemony White Bean Skordalia With Grill-Toasted Pita

Recipe: Marinated Olives And Feta Cheese

Recipe: Ouzo-Marinaded Greek Cheese

Recipe: Red Snapper With Potatoes, Tomatoes And Red Wine

Recipe: Shortcut Moussaka

Recipe: Tomato Salad With Feta And Olives

Recipe: Veal With Vinegar Sauce

Recipe: Vegetable Moussaka

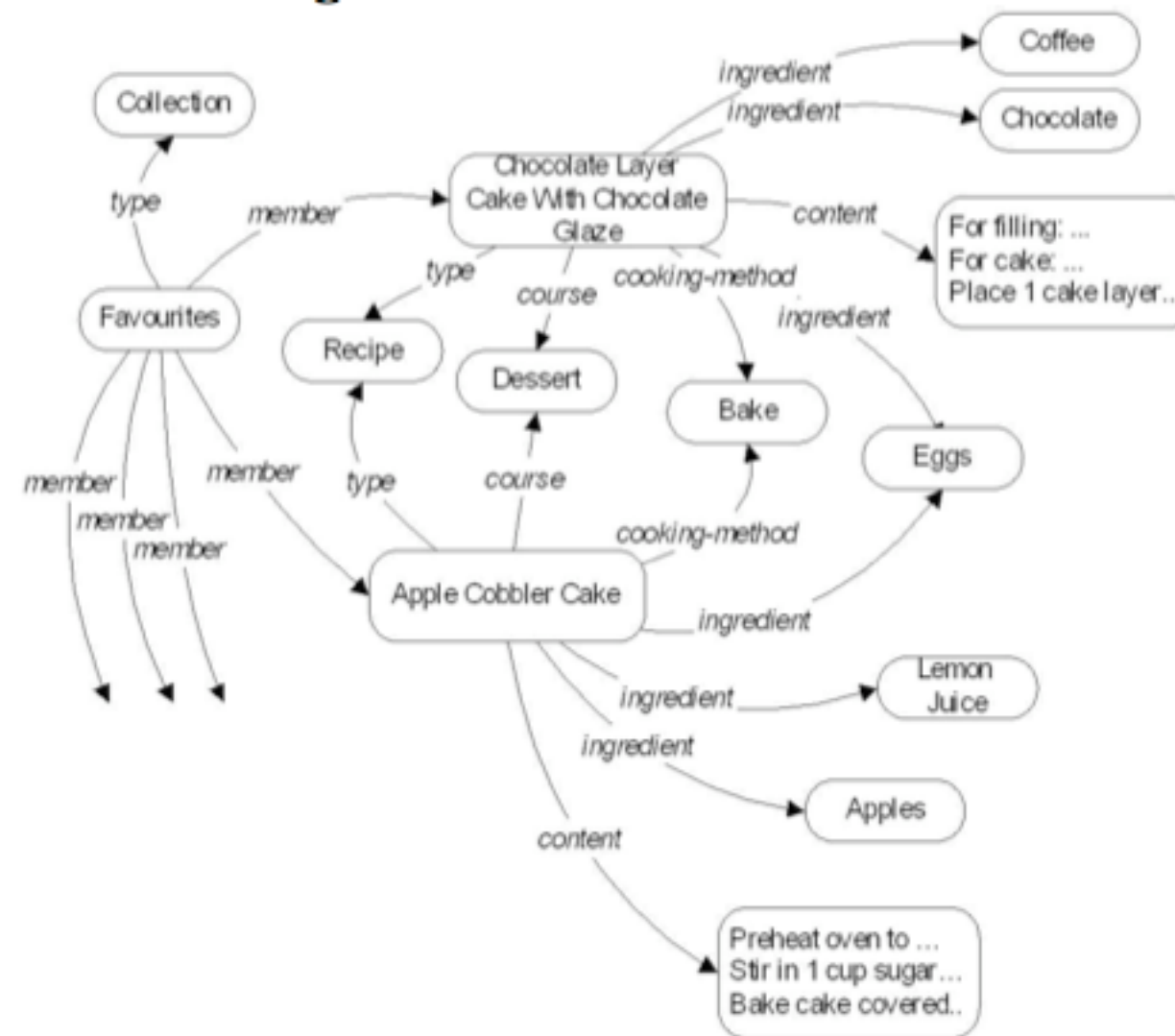
Change view

Keyword Search

Current
Navigation Path

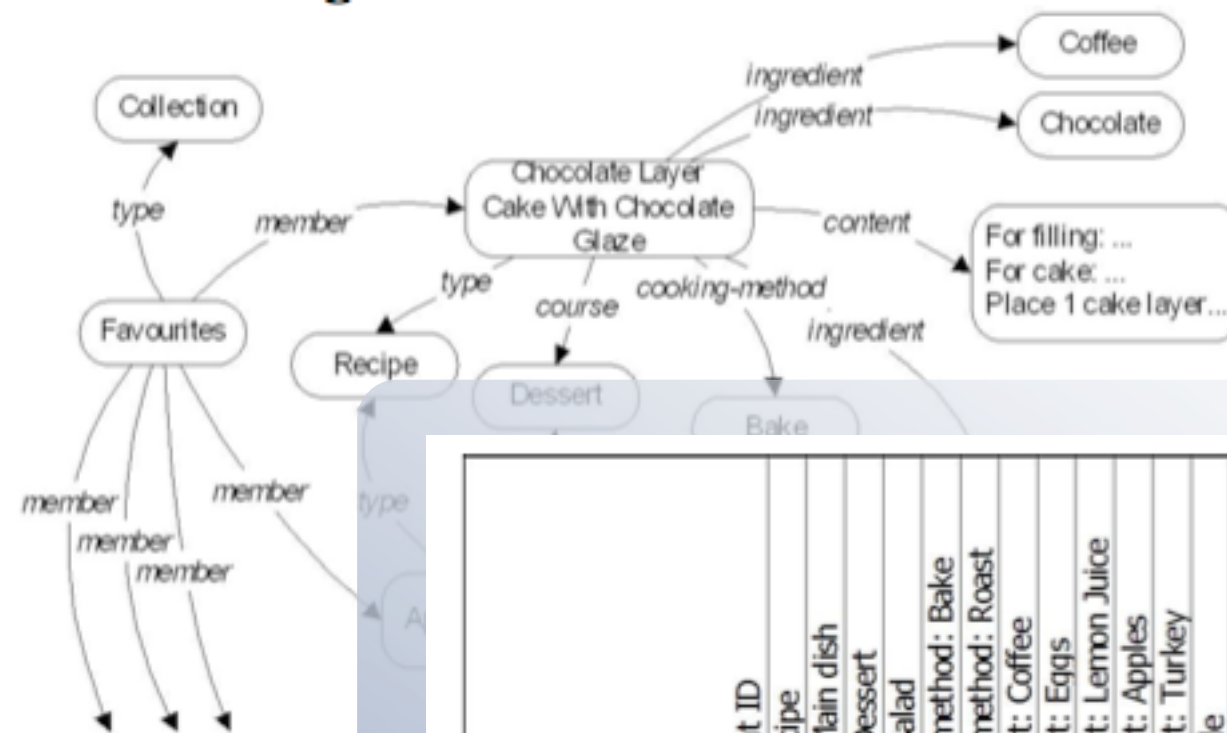
Navigation
Results

Ref[6]



Ref[6]

Building a model



Document ID	type: Recipe	course: Main dish	course: Dessert	course: Salad	cooking-method: Bake	cooking-method: Roast	ingredient: Coffee	ingredient: Eggs	ingredient: Lemon Juice	ingredient: Apples	ingredient: Turkey	title: apple	title: vinegar	title: cobbler	title: cake	title: chocolate	title: cider	content: filling	content: cake	content: layer	content: ...	...
Choc-Layer-Cake	1	0	1	0	1	0	1	1	0	0	0	0	0	0	1	2	0	1	9	3	...	...
Apple-Cobb-Cake	1	0	1	0	1	0	0	1	1	1	0	1	0	1	1	0	0	2	6	0	...	...
Fennel-Apple-Salad	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	...	...
Cider-Basted-Turkey	1	1	0	0	0	1	0	0	0	1	1	1	1	0	1	0	1	5	0	0	...	...
Apple-Crunch-Pie	1	0	1	0	1	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	...	...

Ref[6]

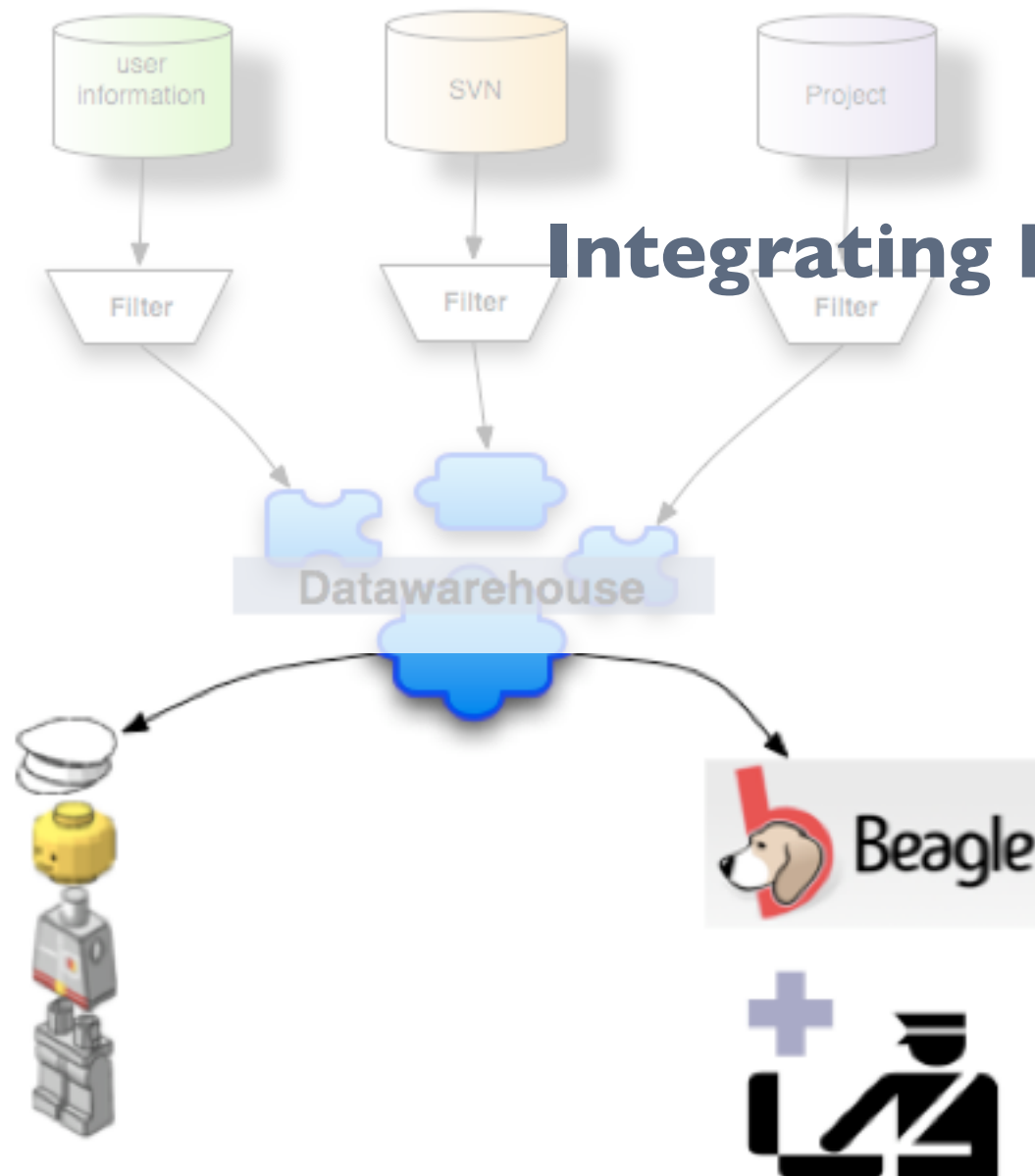
Building a model

Drawbacks

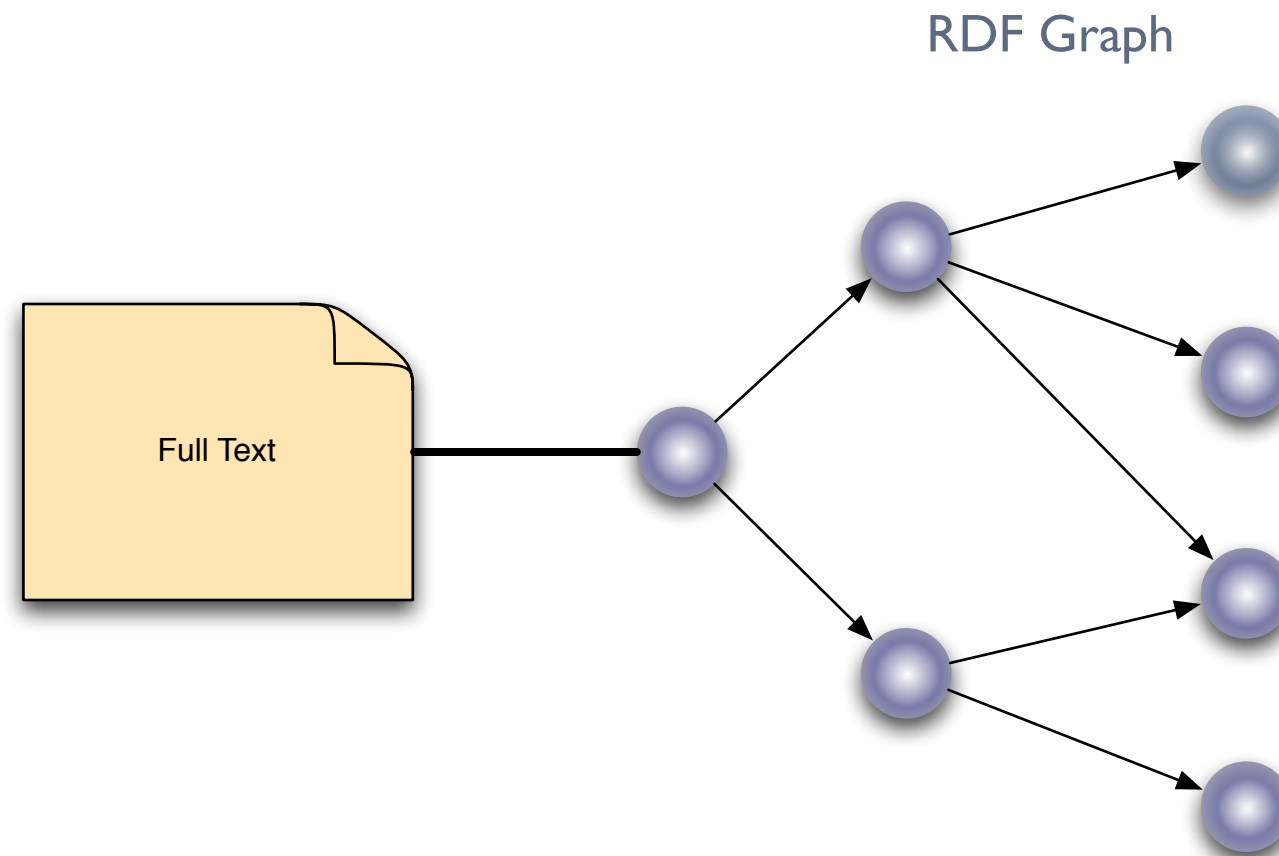
- use RDF and Lucene
- build relations between different topics
- hard to work with negation (not in)
- no representative test with large scale data

Keywords and RDF Fragments: Integrating Meta-data and Full-Text Search in Beagle++

Ref[7]



Document



Ref[7]

Searchable Document, full text and reachable
meta-data

Recent Shortcuts: Using Interactions to Support Shared Activities

Ref[9]

- referencing to other people
- finding files to attach to email
- managing incoming email attachments
- managing varieties of shared files
- keeping track of other related work

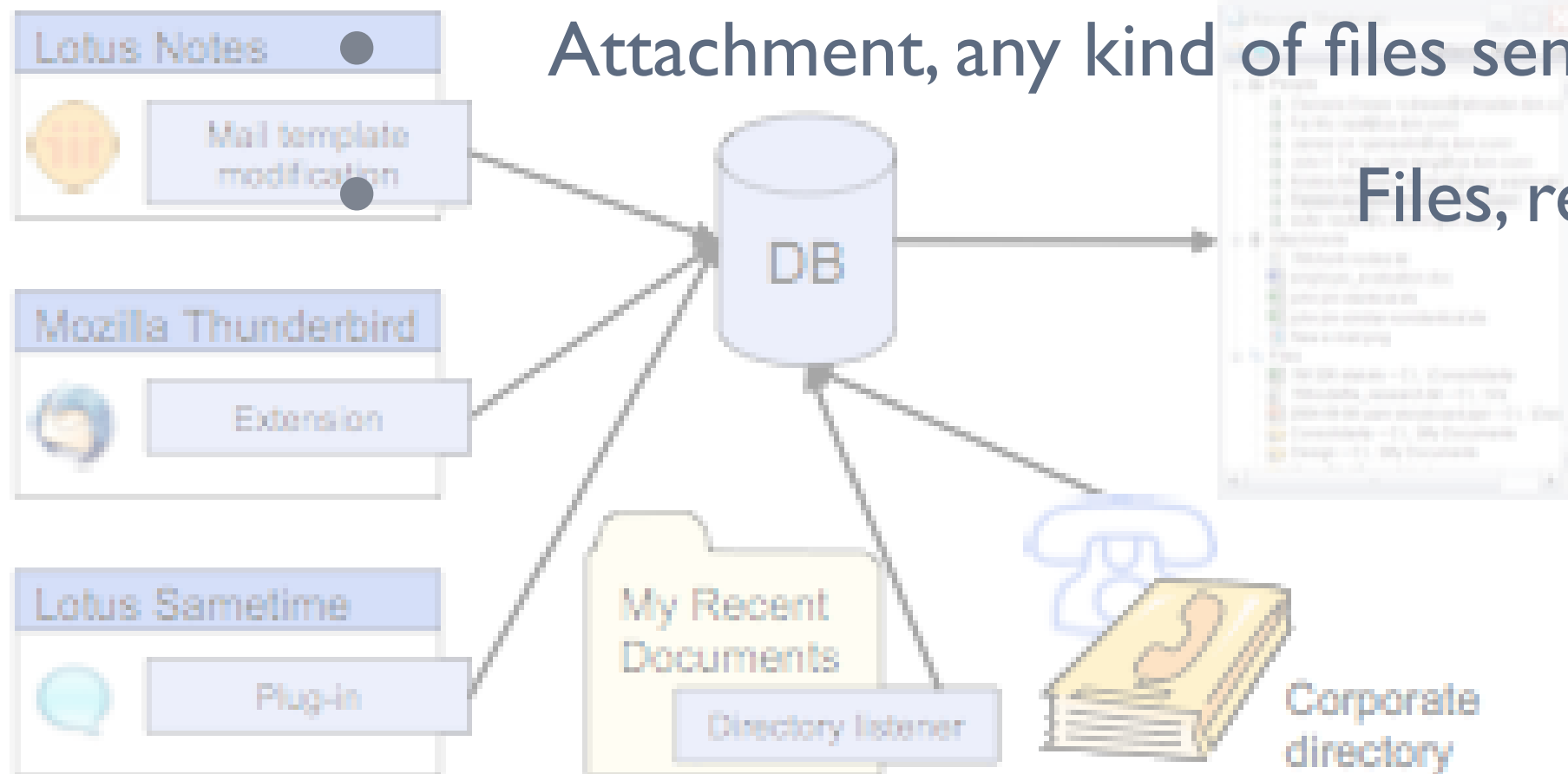
Initial Prototype

- People, interact with different tools (email, IM, ...)

User interface

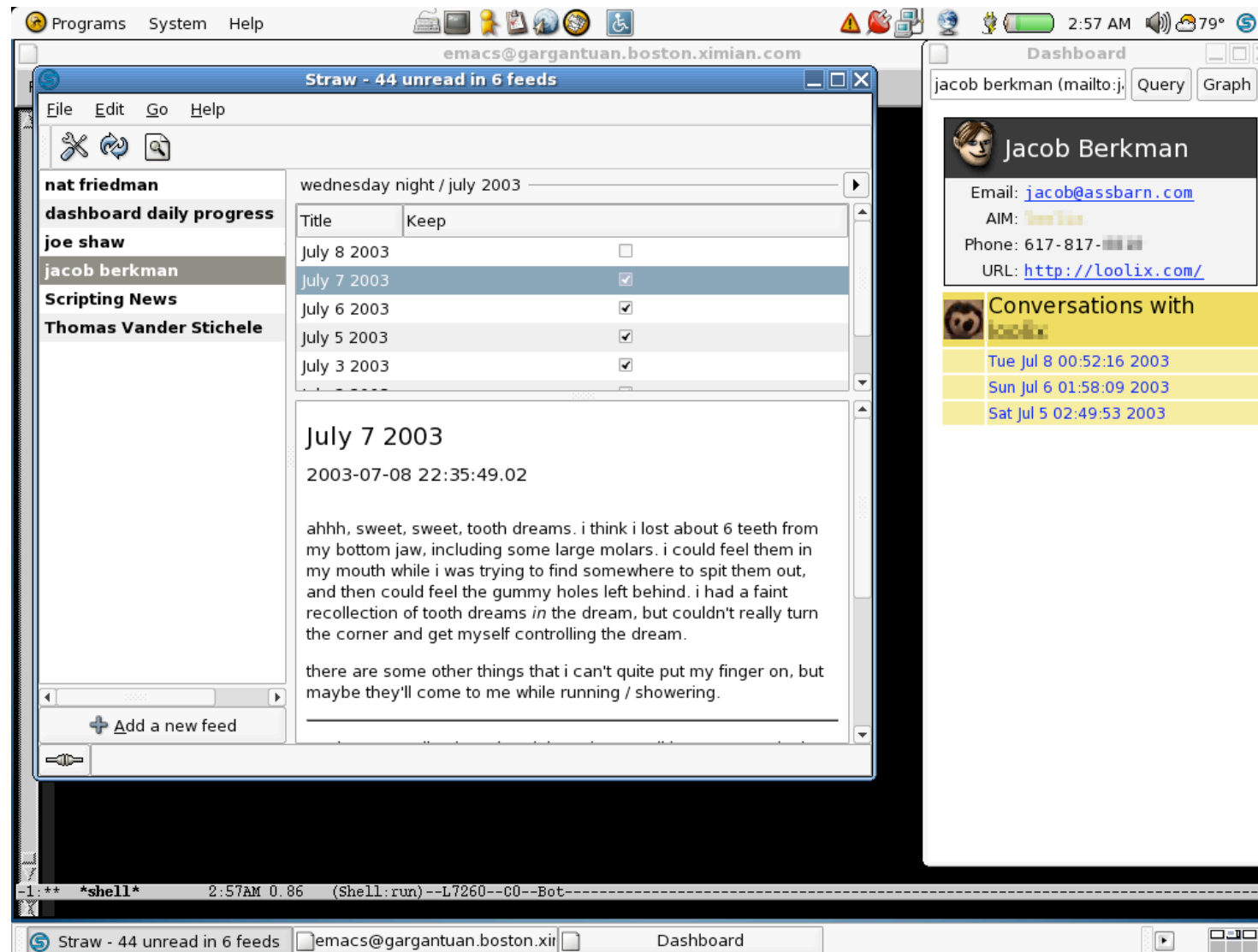
Attachment, any kind of files send by email, IM, ...

Files, recently used files



Ref[9]

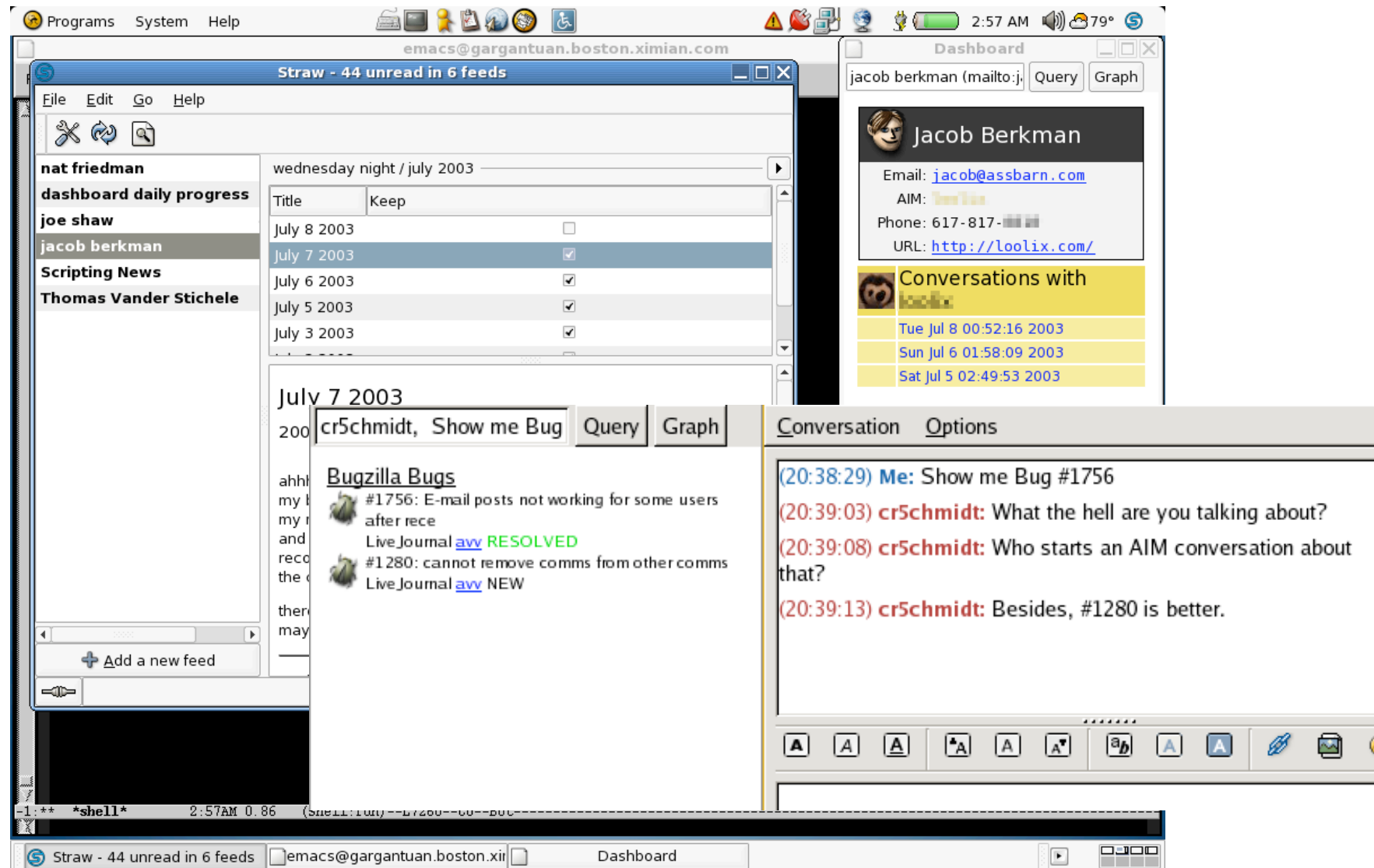
Dashboard



Why can't my computer automatically show me things that will help me with what I'm doing, instead of making me search around for them?

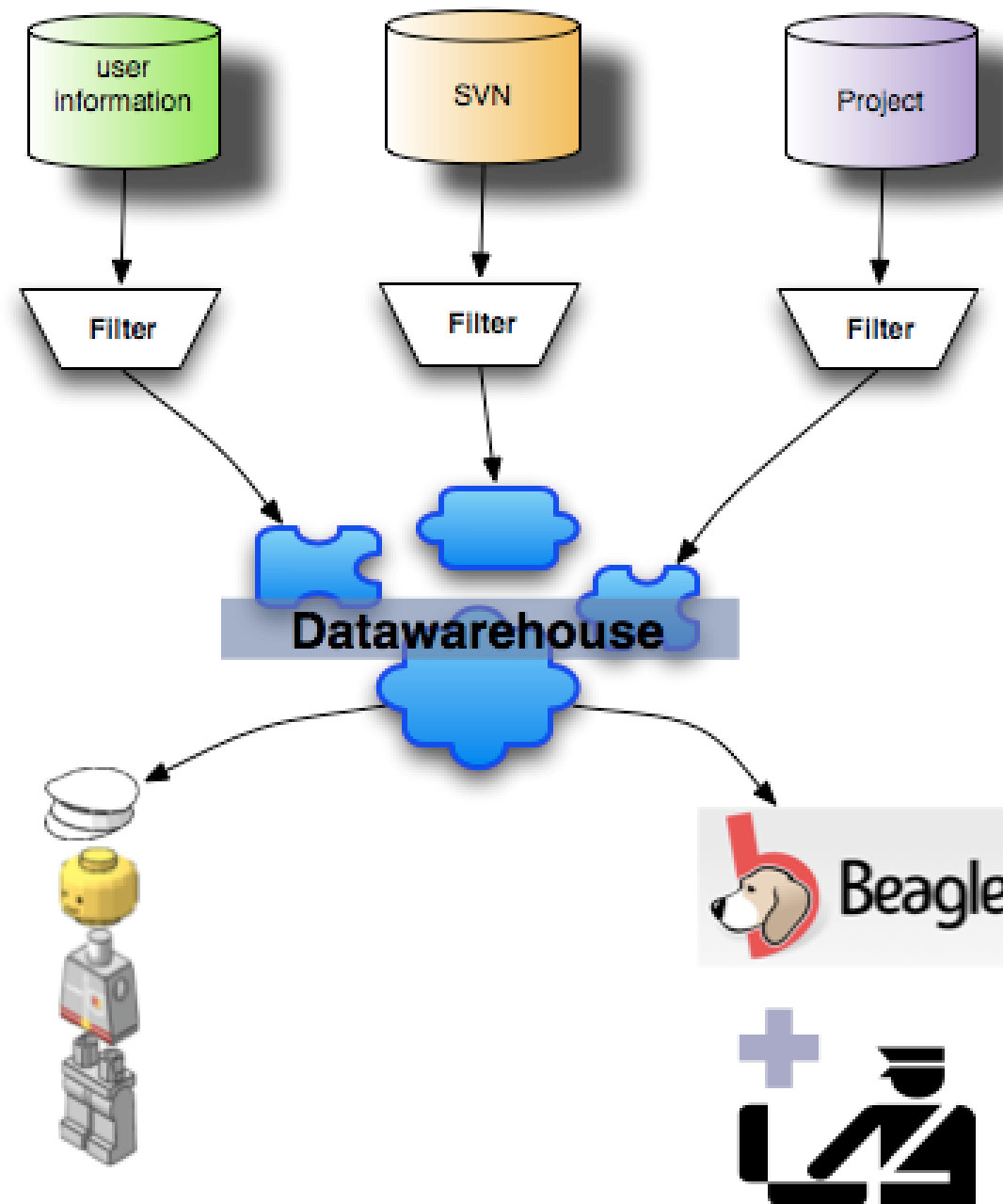
Ref[10]

Dashboard

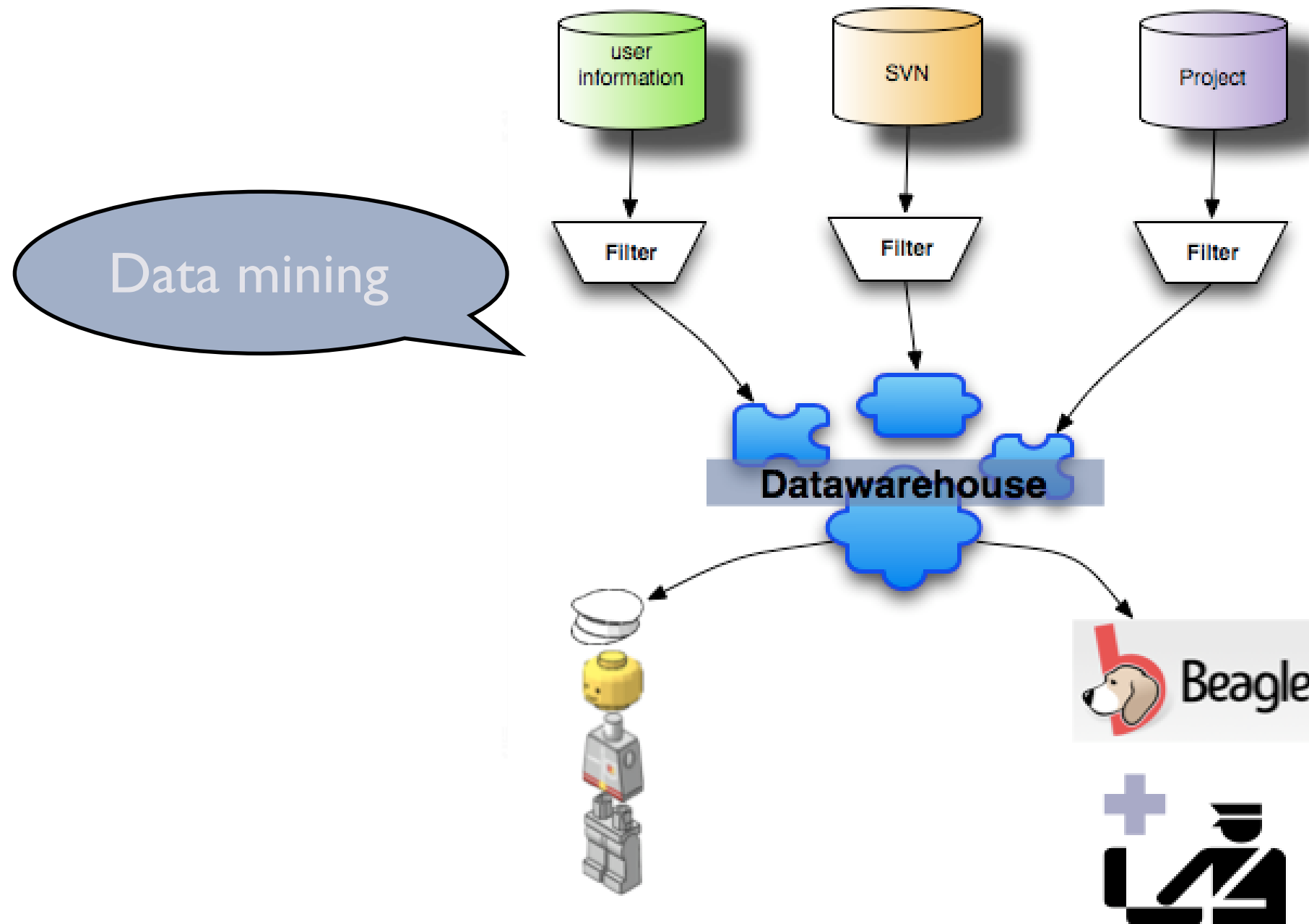


Why can't my computer automatically show me things that will help me with what I'm doing, instead of making me search around for them?

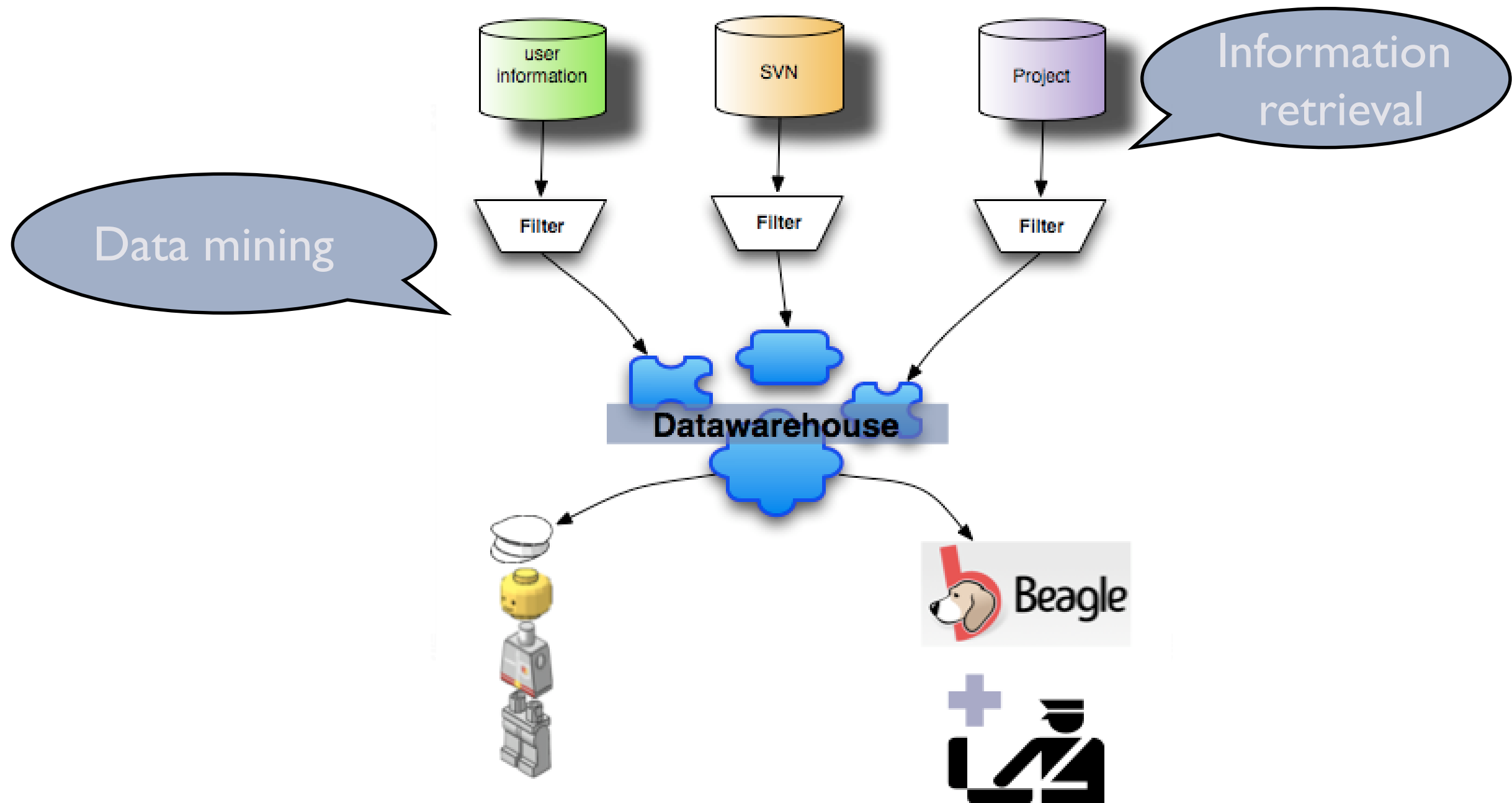
Ref[10]



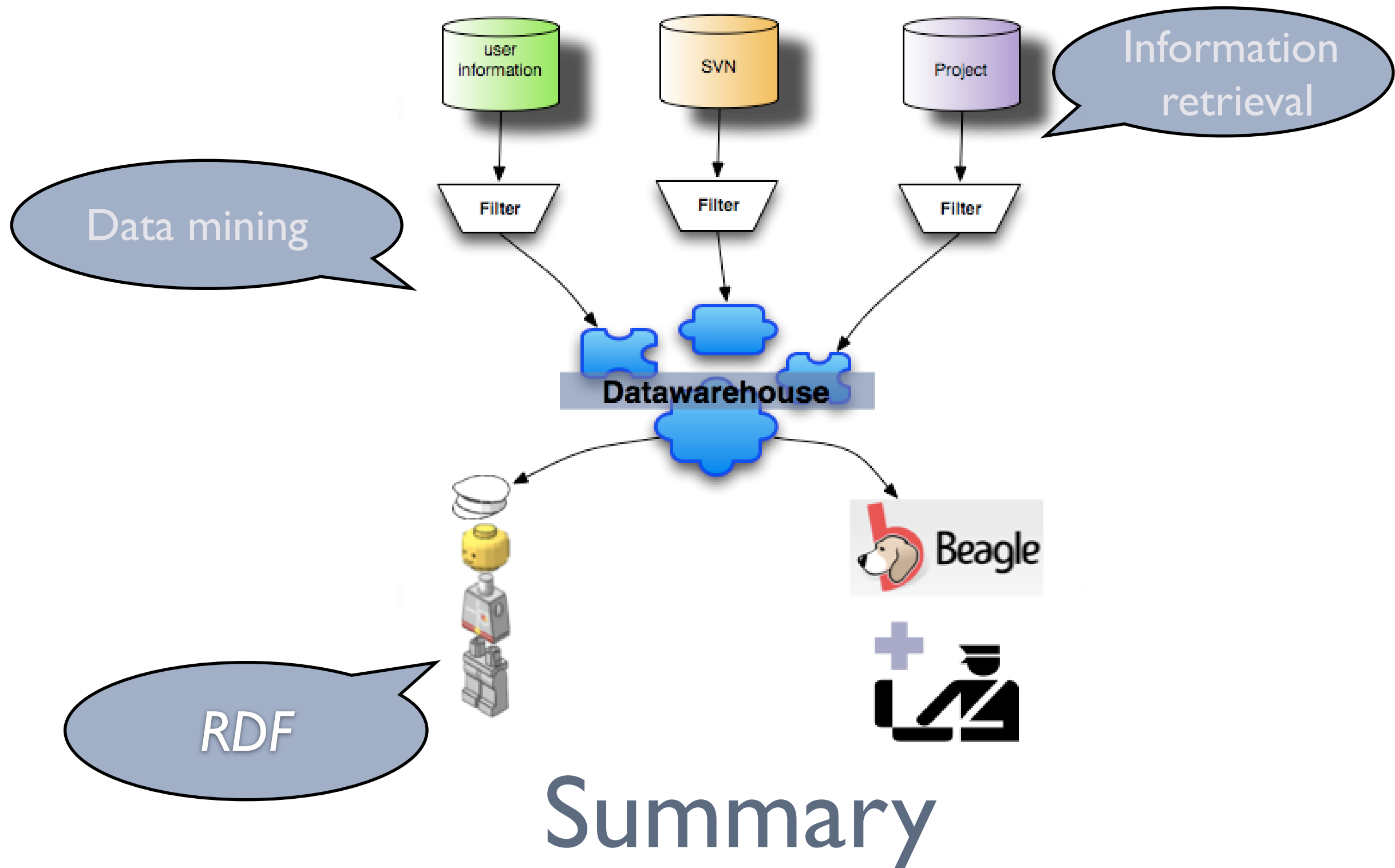
Summary



Summary



Summary





Literature I



[1]

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.



[2]

Farrell, S., Lau, T., Nusser, S., Wilcox, E., and Muller, M. 2007. Socially augmenting employee profiles with people-tagging. In Proceedings of the 20th Annual ACM Symposium on User interface Software and Technology (Newport, Rhode Island, USA, October 07 - 10, 2007). UIST '07. ACM, New York, NY, 91-100.



[3]

Matsumura, N., Goldberg, D. E., and Llorà, X. 2005. Mining directed social network from message board. In Special interest Tracks and Posters of the 14th international Conference on World Wide Web (Chiba, Japan, May 10 - 14, 2005). WWW '05. ACM, New York, NY, 1092-1093.



[4]

Makrehchi, M. and Kamel, M. S. 2006. Learning Social Networks from Web Documents Using Support Vector Classifiers. In Proceedings of the 2006 IEEE/WIC/ACM international Conference on Web intelligence (December 18 - 22, 2006). Web Intelligence. IEEE Computer Society, Washington, DC, 88-94.

Literature 2



[5]

Li, R., Bao, S., Yu, Y., Fei, B., and Su, Z. 2007. Towards effective browsing of large scale social annotations. In Proceedings of the 16th international Conference on World Wide Web (Banff, Alberta, Canada, May 08 - 12, 2007). WWW '07. ACM, New York, NY, 943-952.



[6]

Sinha, V. and Karger, D. R. 2005. Magnet: supporting navigation in semistructured data environments. In Proceedings of the 2005 ACM SIGMOD international Conference on Management of Data (Baltimore, Maryland, June 14 - 16, 2005). SIGMOD '05. ACM, New York, NY, 97-106.



[7]

Tereza Iofciu , Christian Kohluetter , Raluca Paiu and Wolfgang Nejdl. Keywords and RDF Fragments: Integrating Metadata and Full-Text Search in Beagle++. Workshop on The Semantic Desktop - Next Generation Personal Information Management and Collaboration Infrastructure at the International Semantic Web Conference 6 November 2005, Galway, Ireland

Literature 3



[8]

Carmel, D., Maarek, Y. S., Mandelbrod, M., Mass, Y., and Soffer, A. 2003. Searching XML documents via XML fragments. In Proceedings of the 26th Annual international ACM SIGIR Conference on Research and Development in information Retrieval (Toronto, Canada, July 28 - August 01, 2003). SIGIR '03. ACM, New York, NY, 151-158.



[9]

Tang, J. C., Lin, J., Pierce, J., Whittaker, S., and Drews, C. 2007. Recent shortcuts: using recent interactions to support shared activities. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (San Jose, California, USA, April 28 - May 03, 2007). CHI '07. ACM, New York, NY, 1263-1272.



[10]

Nat Friedman 2003. Dashboard. In Proceedings of the Linux Symposium Conference on the Linux kernel & major OS infrastructure and research projects, July 23rd-26th, 2003, Ottawa Canada, <http://www.nat.org/dashboard/>.