

Refinder: A Semantic Social Productivity Tool

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Can't remember things

Realizing the Social Semantic Desktop since 2002



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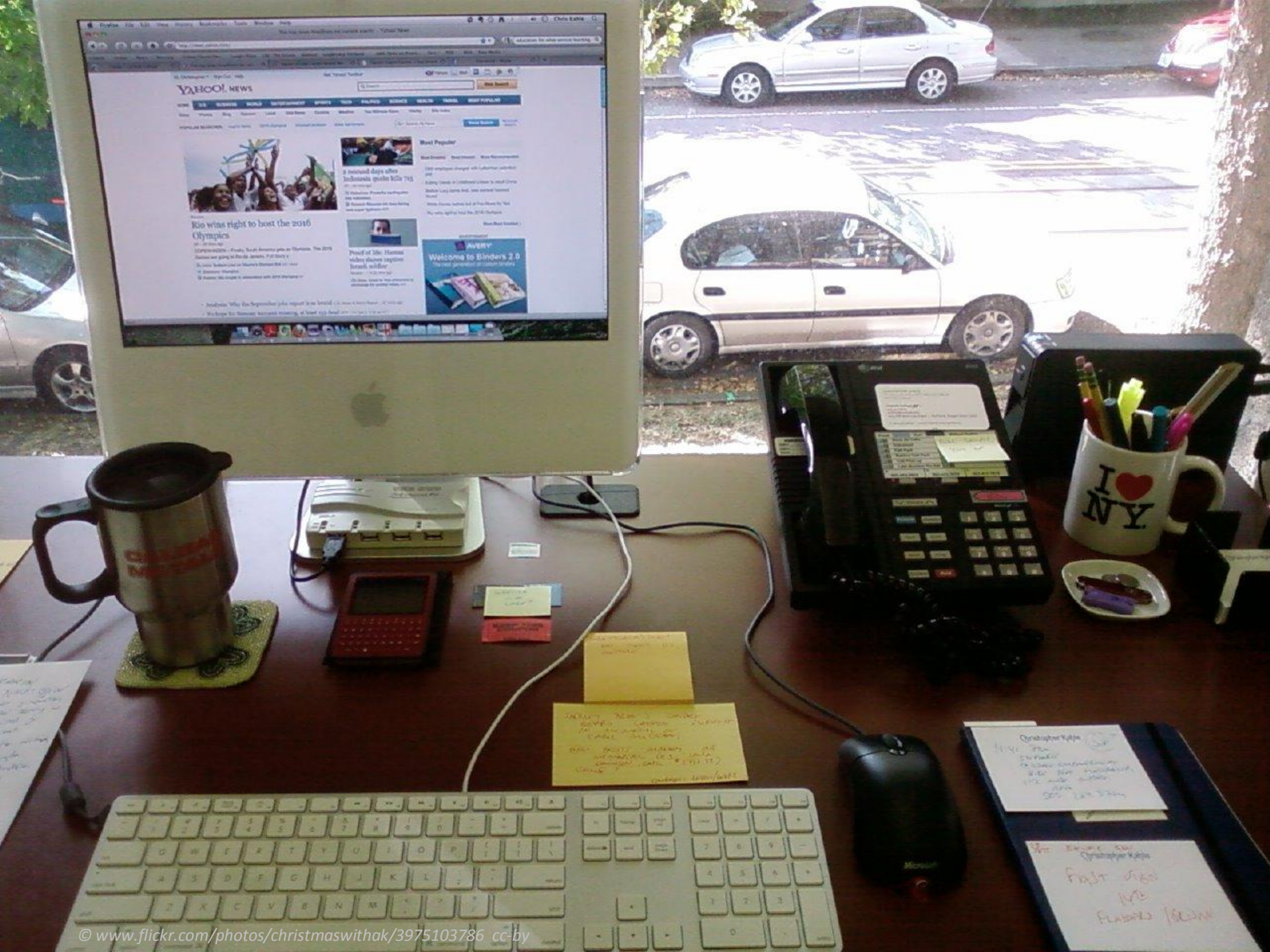
Previously



*Isn't a **search engine** enough?*

search

ok



The Broad Problem

Knowledge Workers have multiple applications, growing data, and productivity suffers

Situation

40% of workforce are knowledge workers

Have multiple projects and roles

20.000 files

20.000 emails

300 incoming emails/day

Collaboration and personal organization overlap



Behavior

45% of **time** for information management

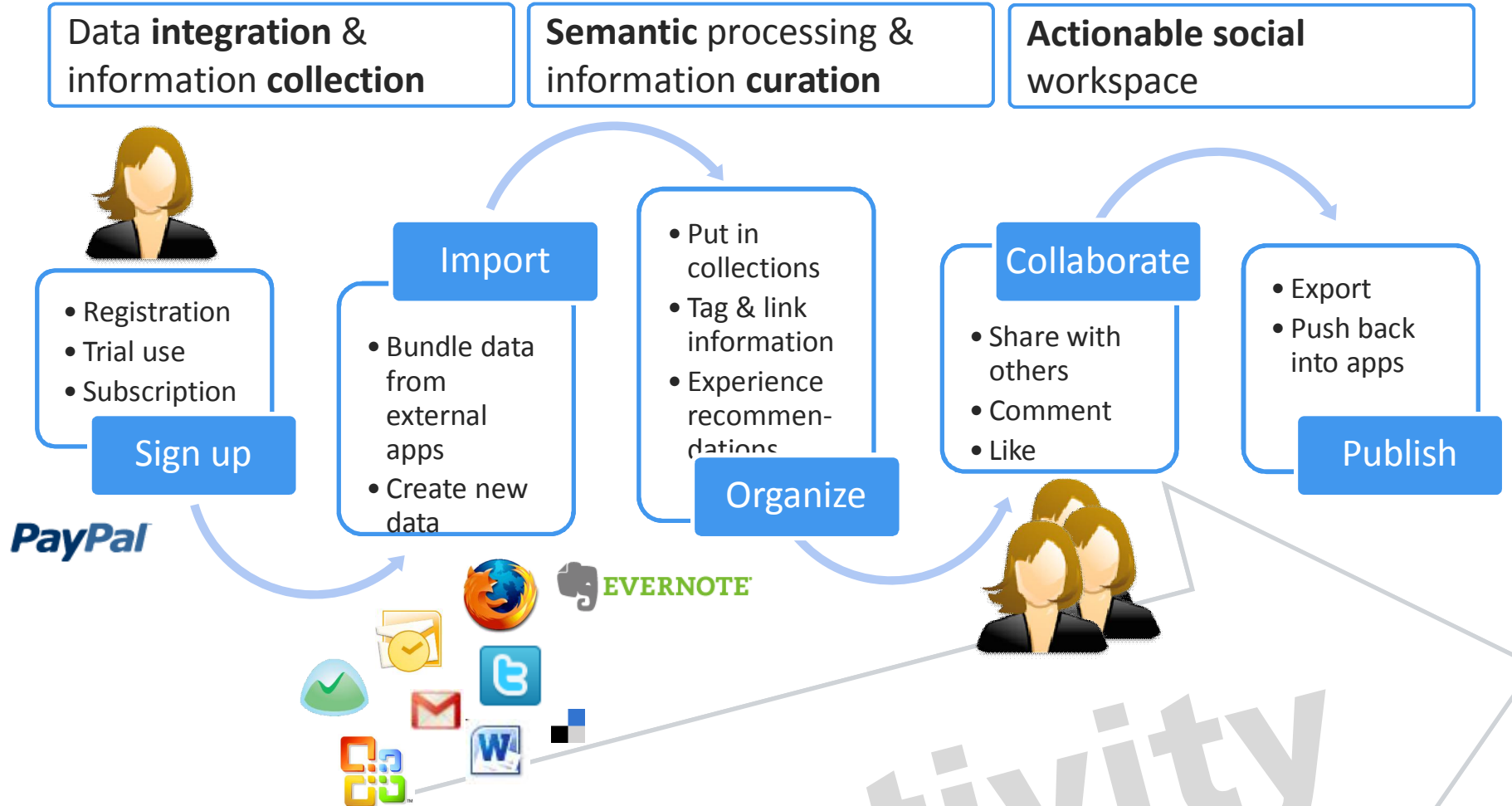
4–15% of users like desktop search

57% send bookmarks to yourself

Context is lost when forwarding data

How Refinder solves the problem

The social-semantic approach lifts productivity



Organize information

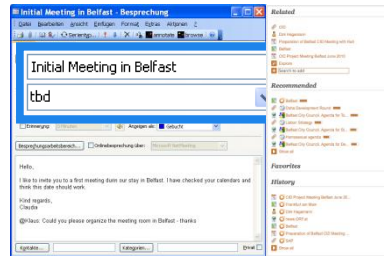
SaaS Software. Where your things come together.

Lives on
getrefinder.com

use it to

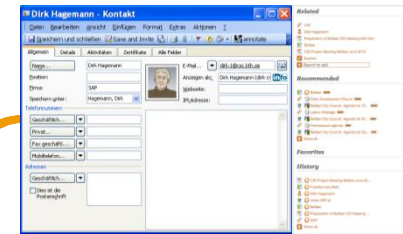
- collect from sources
- curate and understand
- share and manage

Invitation email

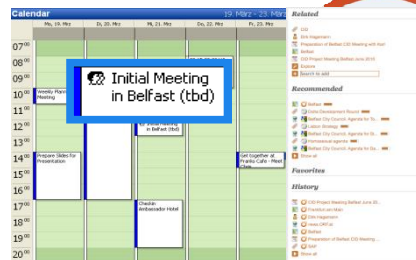


... everything on
that meeting...

Person



Time schedule

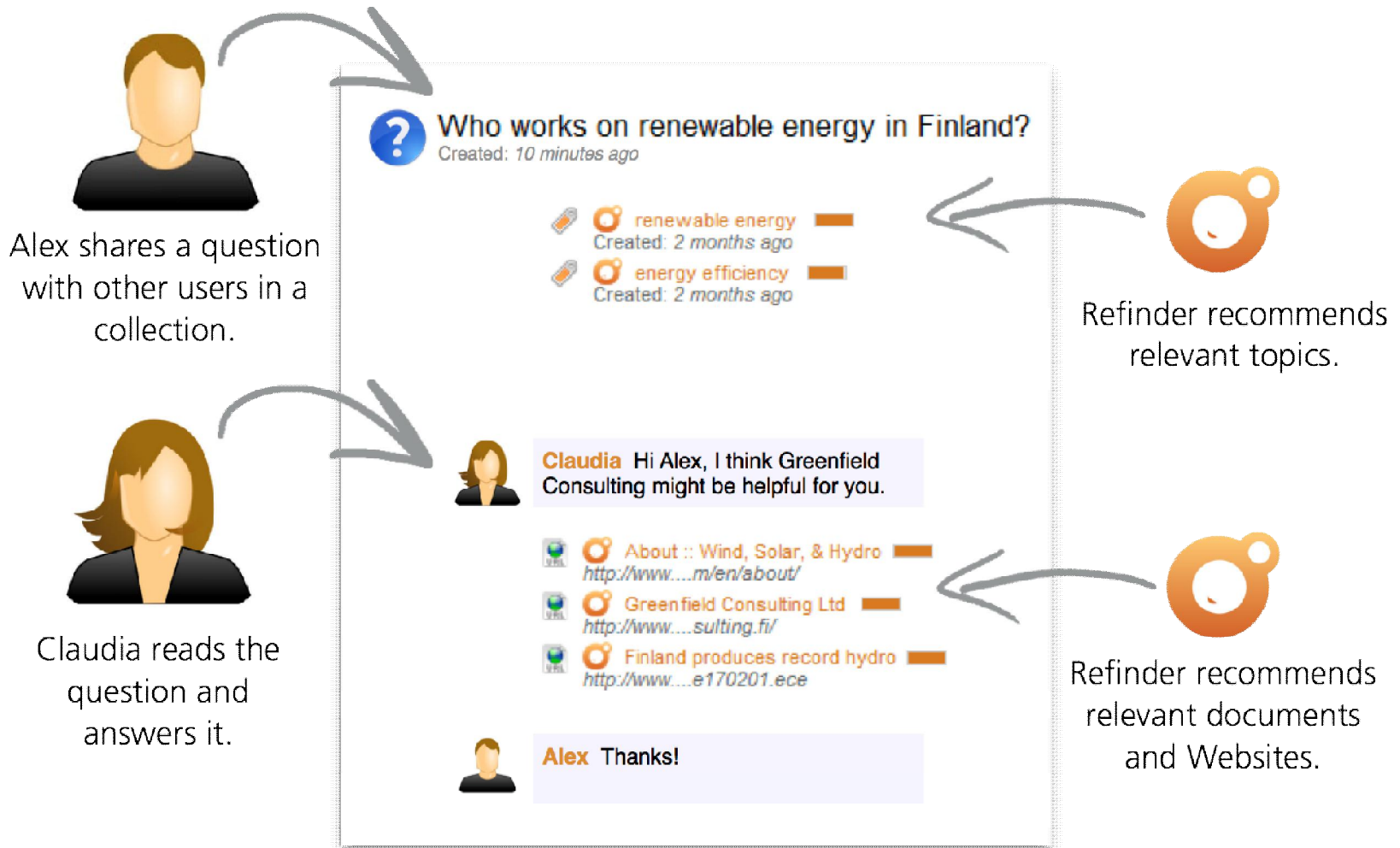


Offer



Collect & share relevant things

Accelerate and improve quality of work



Demo

Application Scenarios

A user looks for **answers** to a problem. He can look in his own collections and post the question in shared collections to get answers from experts.

Claudia collects information for a **meeting** in a collection. Slides, a hotel, the participants, open questions. She shares it with the participants and the minutes are forwarded.

Alex collects **bookmarks** for a research topic. Refinder automatically suggests related topics from his past research and from colleagues.

An international publishing house integrates Refinder. Researchers can combine personal **notes** with **papers** from the publisher. Personalized recommendations identify relevant information.

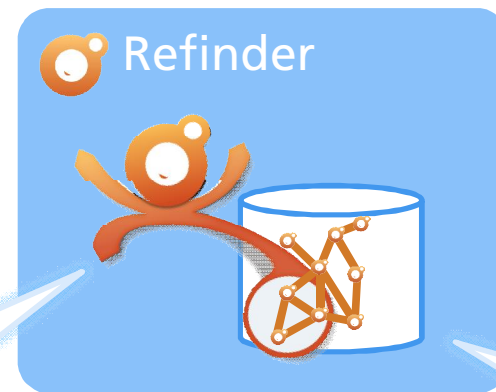
Refinder Technology

API interface
extend and connect



Web interface
collaborate and organize

Recommender
finds relevant data
connects to LOD



Refinder SaaS
www.getrefinder.com

RDF Data Model
semantic data store
Social Semantic Desktop standard

Your information space



Types of Things Currently Supported by Refinder



Webpage



Topic



Location



Project



Email



Event



Note



Organisation



Person

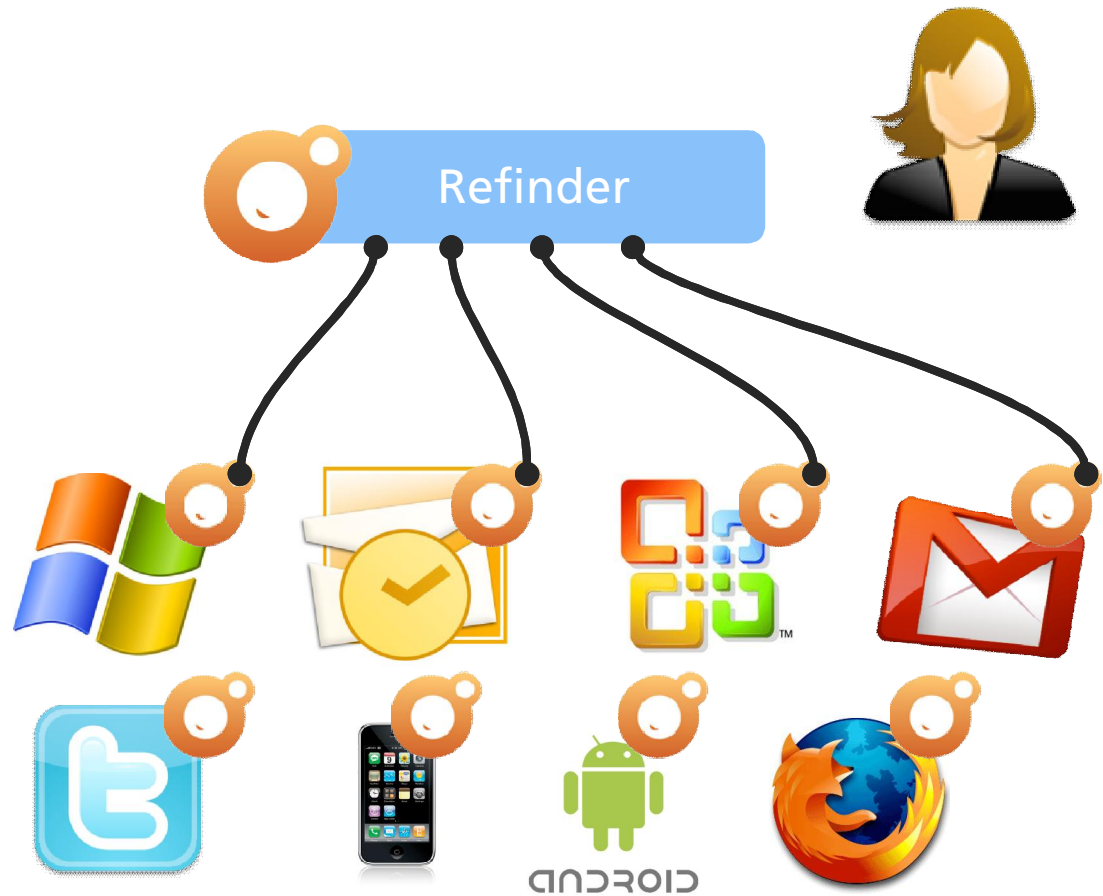
...more

Collect into Refinder

Bring benefit to the user, wherever they are.

Refinder connects to applications and web platforms.

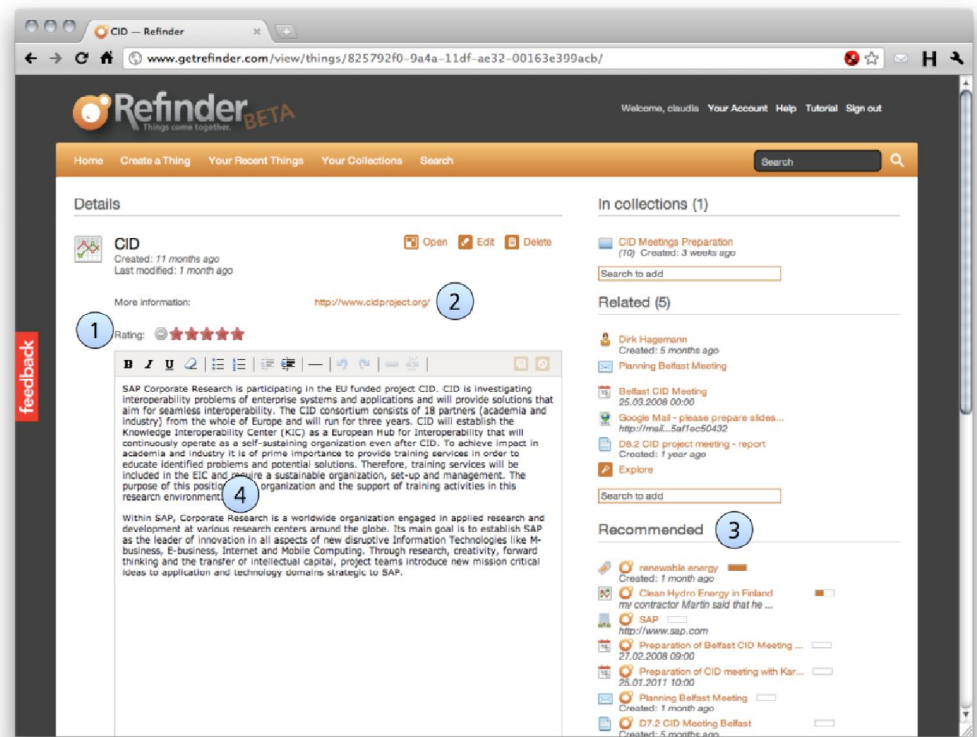
- **collect** data
- **across** sources



Knowledge Work: relevance, annotate

Organize and annotate

- **Rate**
value of information
- **Source**
connects to apps
- **Recommendations**
create relations
- **Comments**
describe context



Collaboration in Groups

Share things in collections

Organize enterprise data



Application of Semantic Technologies

- **Data** represented in **RDF** and backed by RDBMS
- **LOD data** used for background information
- **Text analysis** yields context information
- **Recommendations** of relevant things by similarity
- **Facetted Search** for data exploration

OSCAF Semantic Desktop Standards

www.oscaf.org

non-profit standardization
organisation

semanticdesktop.org

community website with
mailinglists and events



nepomuk.kde.org

large implementation



The RDF standards for office data
calendar, contacts, files, tasks, ...

Refinder for Developers

- Refinder provides two **APIs**:
 - **Extractor & Recommender** API: integrate content analysis, extraction, and recommendation components.
 - **Connector & Client** API: talk to Refinder services from applications, create and update things, search, get recommendations.
- Both are based on **REST** principles, **RDF** serialization, **OAuth** authentication.
- Clients for Python, C# (Java and PHP upcoming).

Opportunities for You and Me

Register at

www.getrefinder.com

Use it

- in your **organisation**
- in a **project**
- for **yourself**

Resell Refinder

- **Bundled** with your app?

Extend Refinder

- **Enhance** text analysis
- **Enhance** recommender
- **Build** applications on top
- **Visualization**
- **Search** for information
- **Connectors** to apps

Thanks,

do you agree? questions!

www.getrefinder.com