

# Exploiting Structured Linked Data in Enterprise Knowledge Management Systems:

## An Idea Management Case Study

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# What is Idea Management?



**IdeaStorm**  
Where Your Ideas Reign

 There are currently no **Storm Sessions** active.  
**Stay tuned!**

**IdeaStorm** Storm Sessions

 **View**  
All posted ideas by the community

 **Post**  
Your idea for Dell products or services


 **Vote**  
Promote or demote ideas


 **See**  
Your ideas in action

Sort Ideas By: Popular Ideas Recent Ideas **Top Ideas** All

## Comments

**118030** **Pre-Installed OpenOffice | alternative to MS Works & MS Office**  
By dhart, Feb 17, 2007


Promote 


Demote 

Provide [OpenOffice.org](#) for free pre-installation alongside Microsoft Works and Microsoft Office. [OpenOffice.org](#) is more capable than Microsoft Works, and a serious competitor to Microsoft Office, at a fraction of the cost (it's free!)

[OpenOffice.org](#) can open, create, edit and save Microsoft Word, Excel and PowerPoint files.

**106450** **Pre-Installed Linux | Ubuntu | Fedora | OpenSUSE | Multi-Boot**  
By dhart, Feb 16, 2007

Promote 

Demote 

Offer the 3 top free **Linux** versions for free pre-installation on all Dell PCs.

Quality free and open source software drastically lowers the cost of new PCs, and helps prevent software piracy. For example, OpenOffice.org is the Microsoft Office alternative, and there are hundreds of...

**Login to IdeaStorm**  
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Username:

Password:

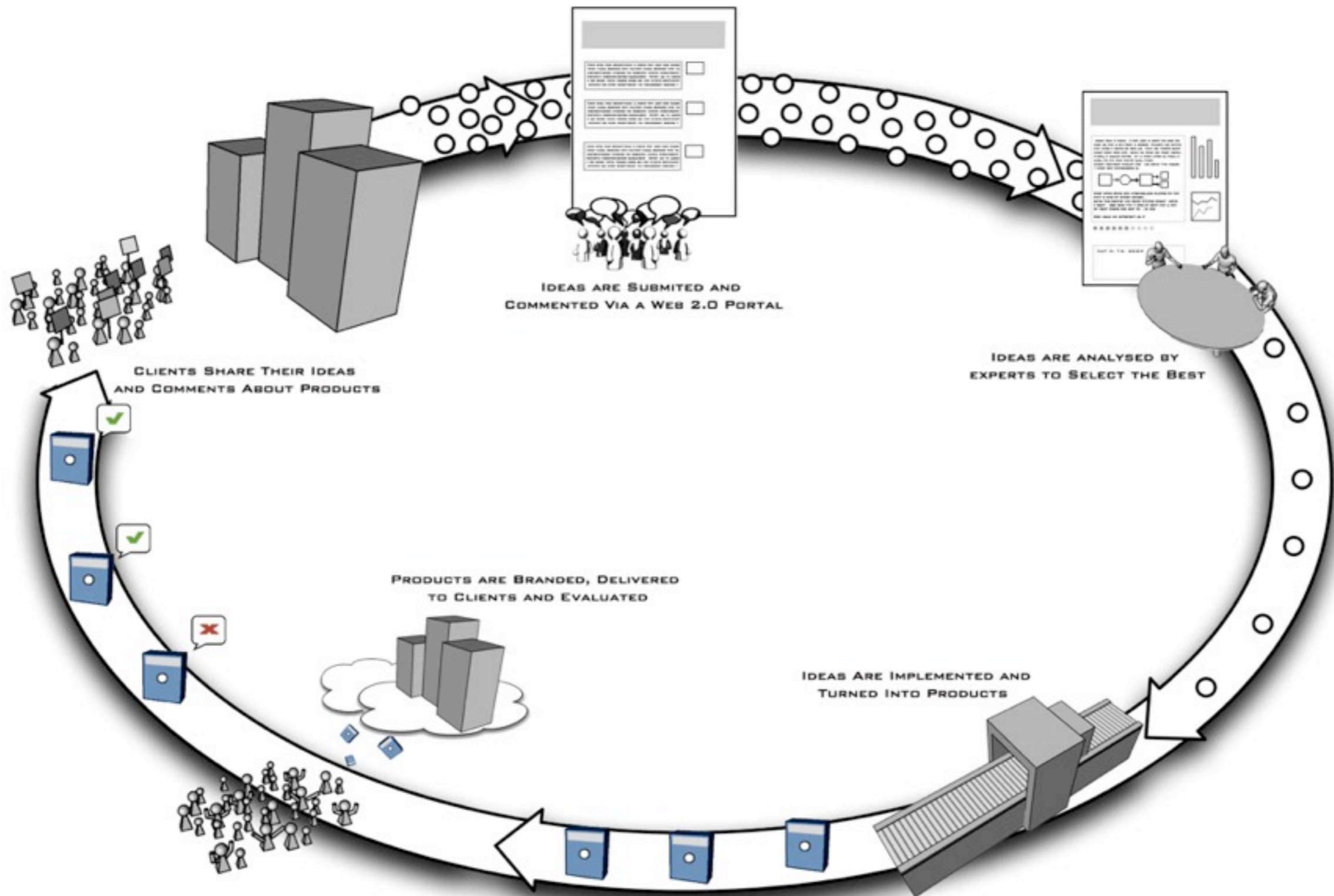
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## Your Ideas in Action



**IdeaStorm Recap - 1/22/2010**  
Happy 2010 everyone! I know I'm a little late with the holiday greetings, but there is a lot to share on...

# Idea Management Cycle

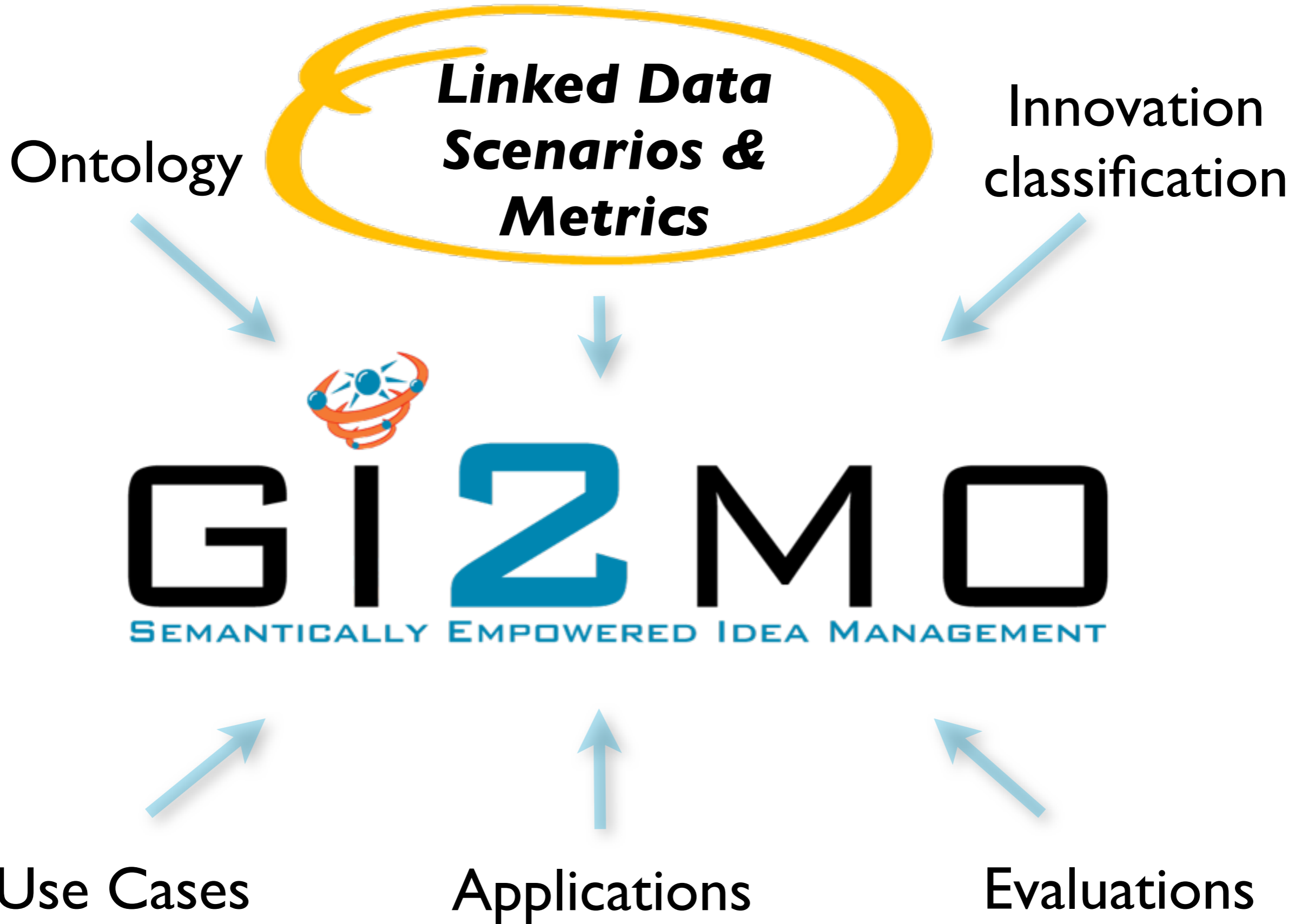


# Idea Management Problems

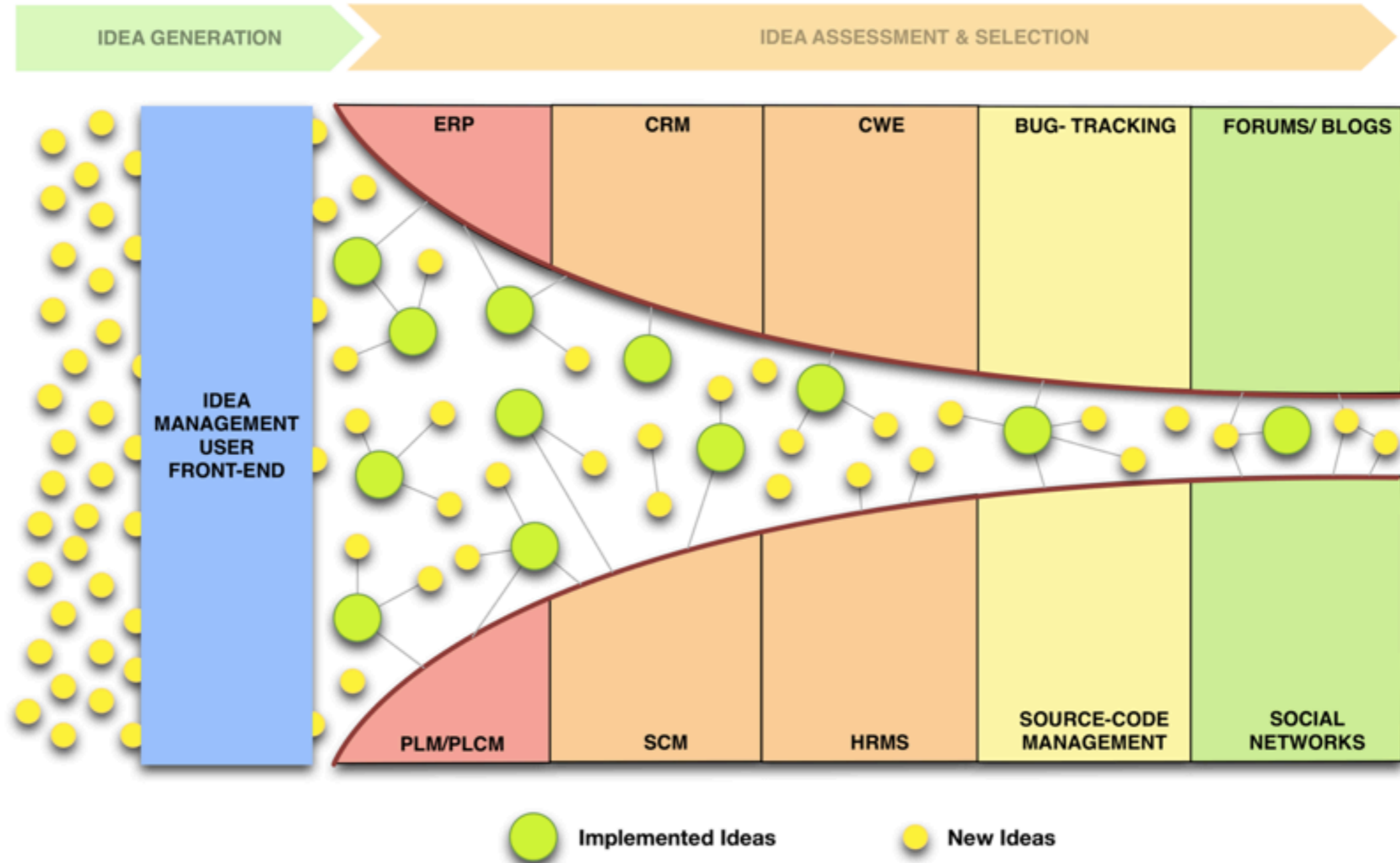
[research motivation]

- Information Overflow
- Lots of duplicates, similar ideas etc.
- Lots of simple or obvious input

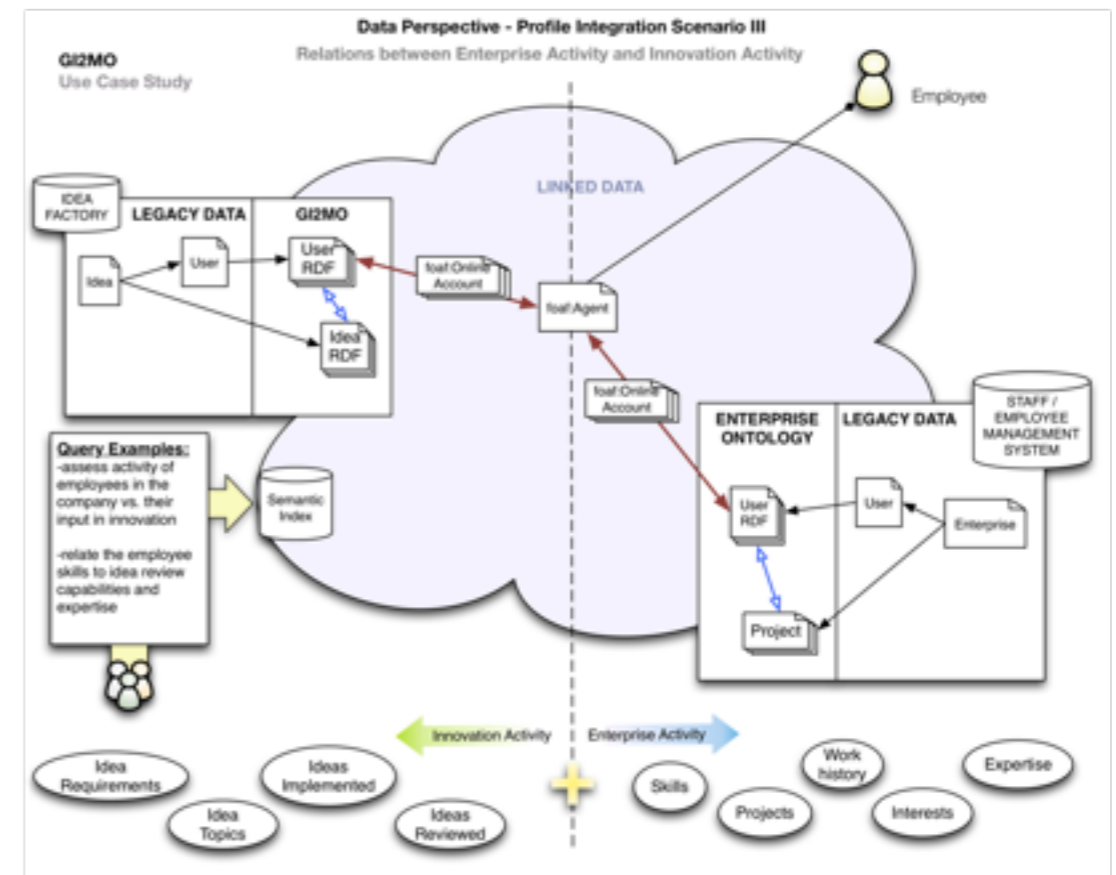
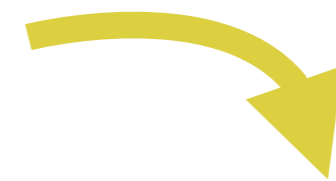
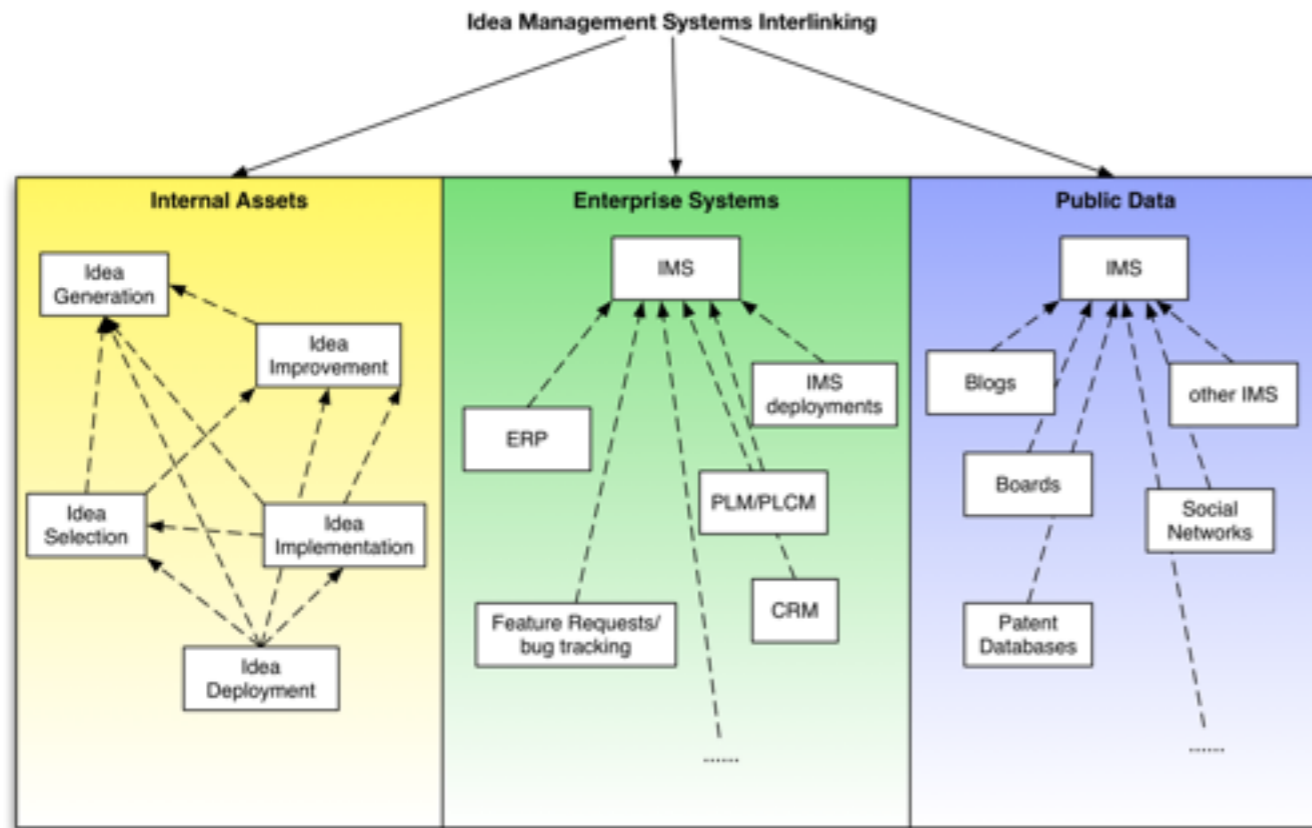
**Goal:** Seek the solution via application of Semantic Web technologies



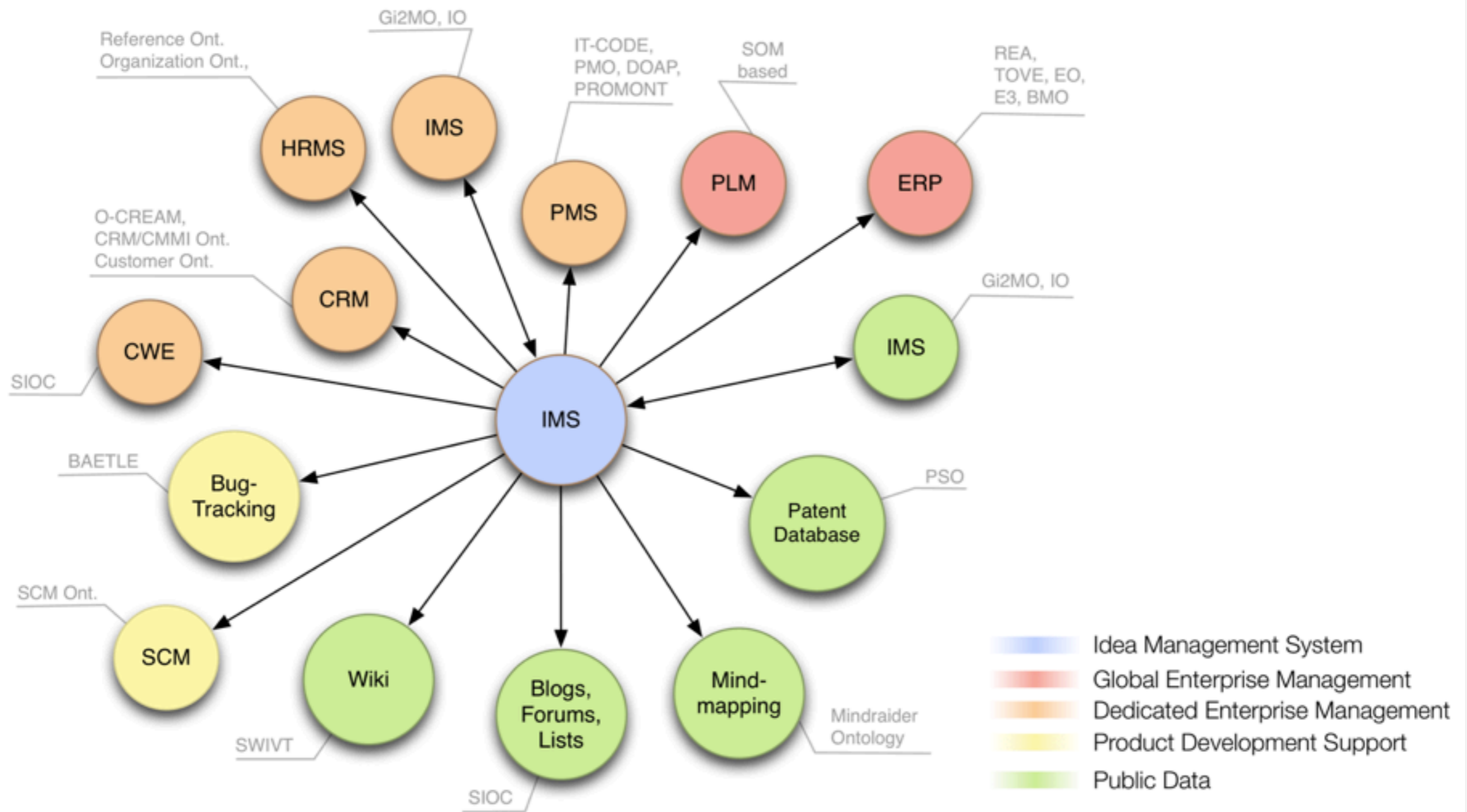
# Gi2MO & Linked Data Metrics



# Relationships between Idea Management and Enterprise

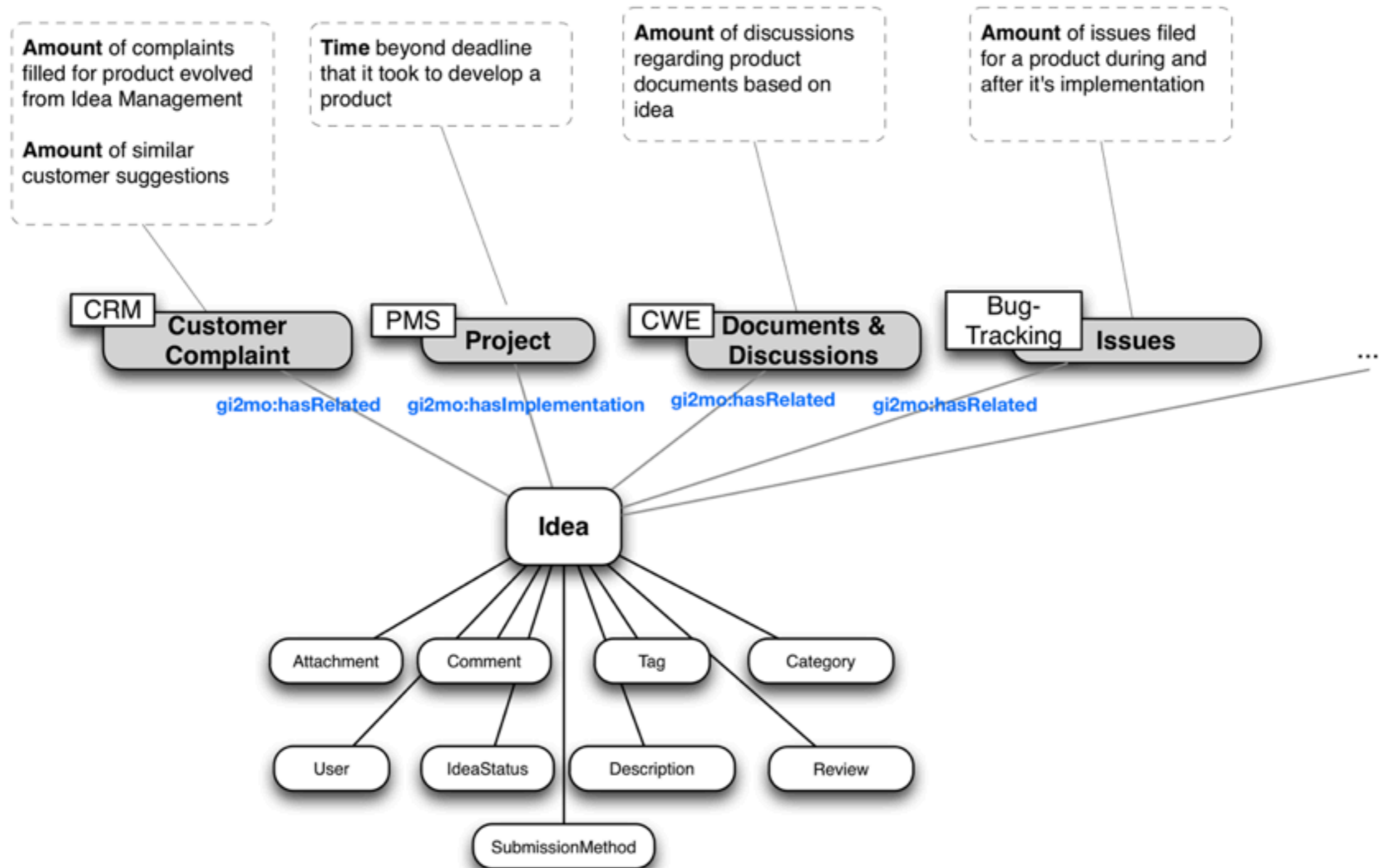


# Enterprise Ontologies



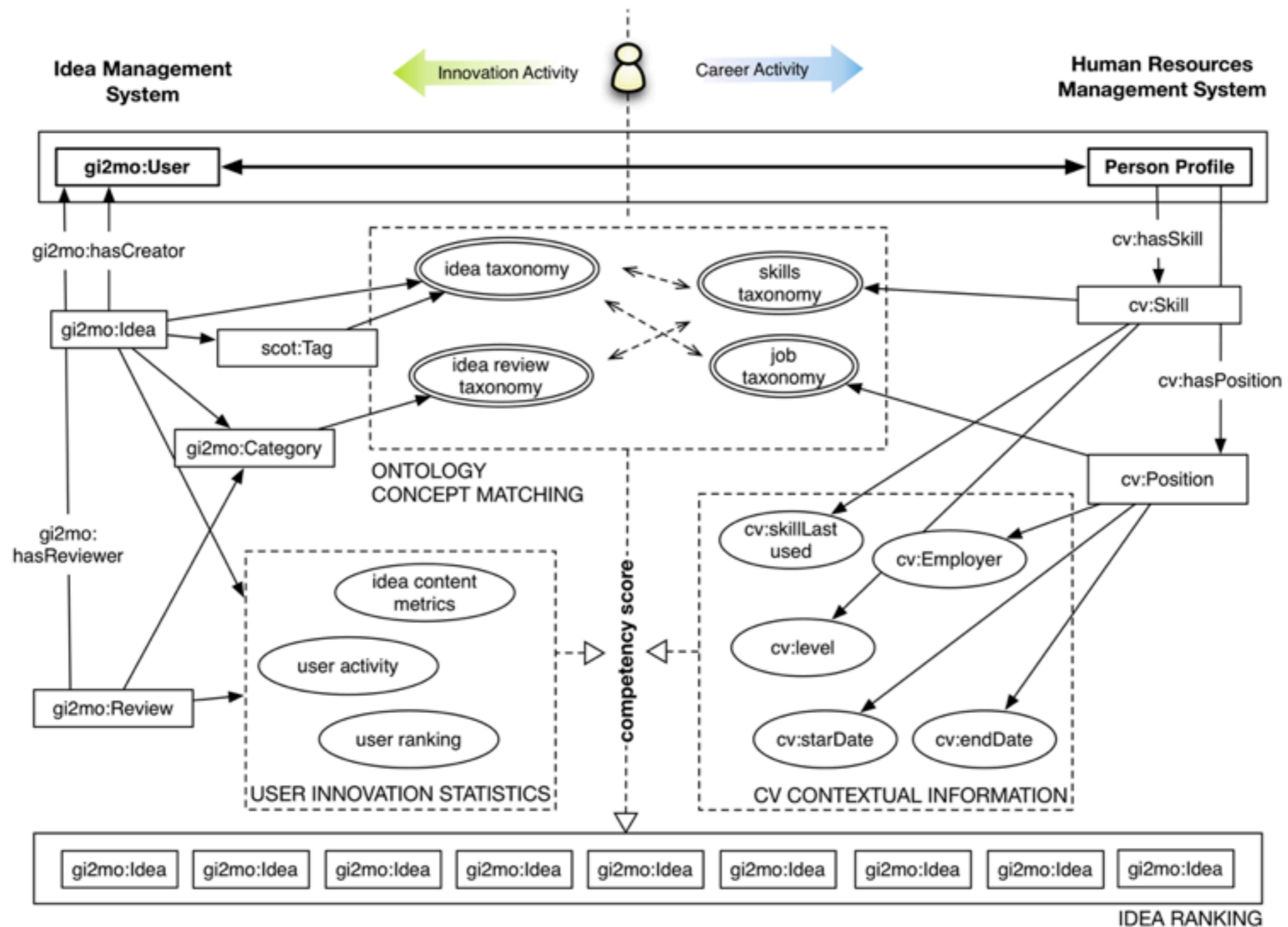


# Defining Metrics & Extending the Gi2MO Ontology



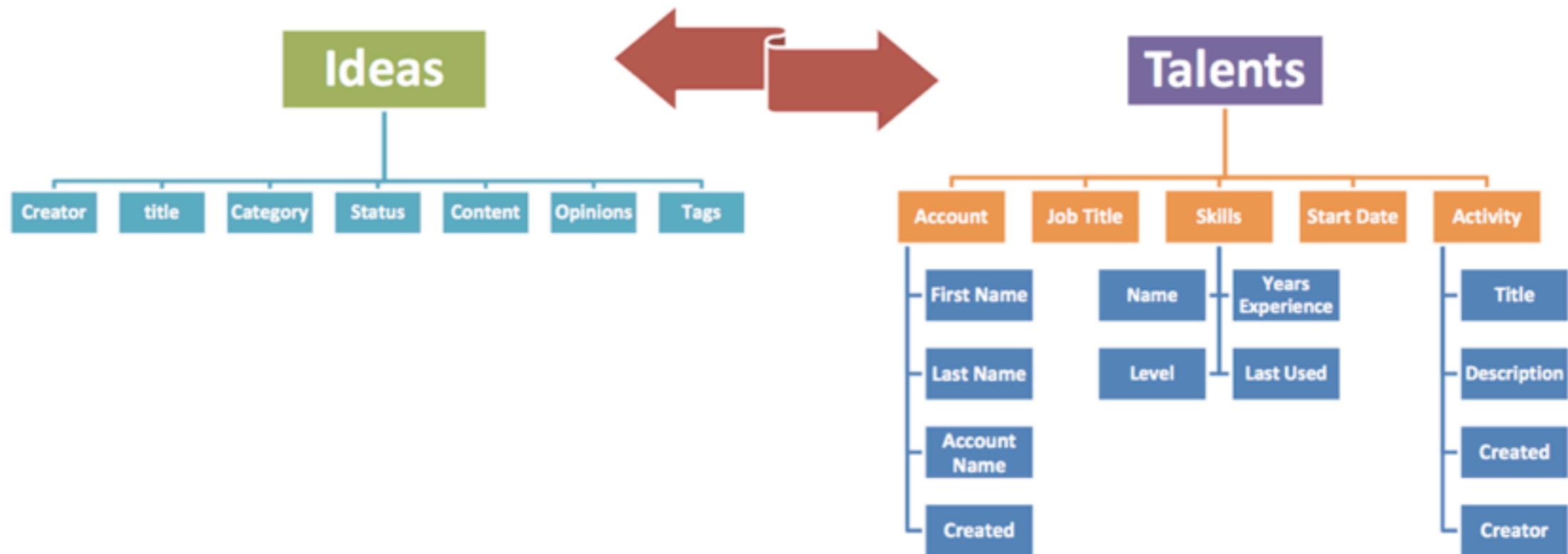
# Idea Ranking

[demo of ranking ideas based on data from Talent Management]



# Idea Ranking

[demo of ranking ideas based on data from Talent Management]



# Idea Ranking

[demo of ranking ideas based on data from Talent Management]

The screenshot shows the ETSIT Ideas platform interface. At the top, there is a browser address bar with the URL 'etsit.gi2mo.org'. Below the browser bar, the ETSIT Ideas logo is on the left, and a tagline 'ETSIT IDEAS IS A PLATFORM TO CONNECT UNIVERSITY STAFF AND STUDENTS. LETS IMPROVE THE SCHOOL TOGETHER!' is in the center. A navigation bar below the logo contains a filter dropdown set to 'All' and options for 'DRAFT', 'ACCEPTED', 'REJECTED', and 'IMPLEMENTED'. On the left side, there is an 'admin' menu with options: 'Idea Analytics', 'My account', 'SPARQL query', 'Workflow summary', 'Create content', 'Administer', and 'Log out'. The main content area is titled 'Idea Analytics - Idea Skill Ranking'. It features a table with 7 rows of ideas, each with a 'User' and a 'Skill's value'. The table is sorted by 'Skill's value' in descending order. Below the table, it says 'Showing 1 to 7 of 7 entries' and has navigation links for 'First', 'Previous', '1', 'Next', and 'Last'. On the right side, there are three sections: 'Create New Idea' with a lightbulb icon, 'Idea Categories' with a list of categories and counts (Cafeteria: 2, DAT student association: 2, Secretary: 2, Library: 1), and 'Top Ideas' with a list of ideas and their vote counts (English speaking...: 12, Library Card and...: 11, More parking space: 8, More soups!: 8, Better food in the...: 6, New metro station...: 5, New design for slash...: -5). At the bottom right, there is a section for 'Intors' with 'Idea' and 'Comments' tabs.

etsit.gi2mo.org [Settings] [Logout]

ETSIT Ideas INTERNATIONAL

ETSIT IDEAS IS A PLATFORM TO CONNECT UNIVERSITY STAFF AND STUDENTS. LETS IMPROVE THE SCHOOL TOGETHER!

Filter Ideas: All | DRAFT | ACCEPTED | REJECTED | IMPLEMENTED

admin

- Idea Analytics
- My account
- SPARQL query
- Workflow summary
- Create content
- Administer
- Log out

### Idea Analytics - Idea Skill Ranking

Show 10 entries Search:

Ideas	User	Skill's value
Better food in the cafeteria	Sara	29
English speaking secretary	Hans	15
Library Card and better access to the library	Margaret	28
More parking space	Ludvic	19
More soups!	Margaret	43
New design for slash DAT	Jeremy	15
New metro station closer to the school	John	56

Showing 1 to 7 of 7 entries First Previous 1 Next Last

### Create New Idea

Idea Categories

- Cafeteria (2)
- DAT student association (2)
- Secretary (2)
- Library (1)

### Top Ideas

Votes Comments

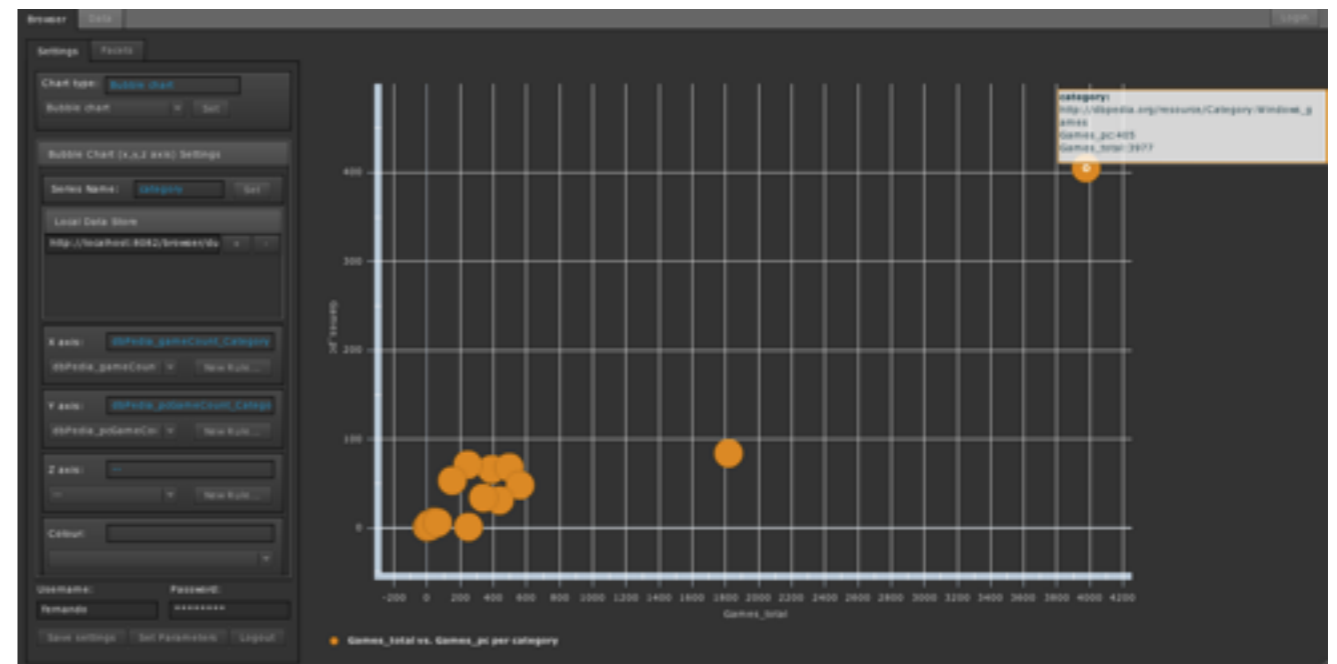
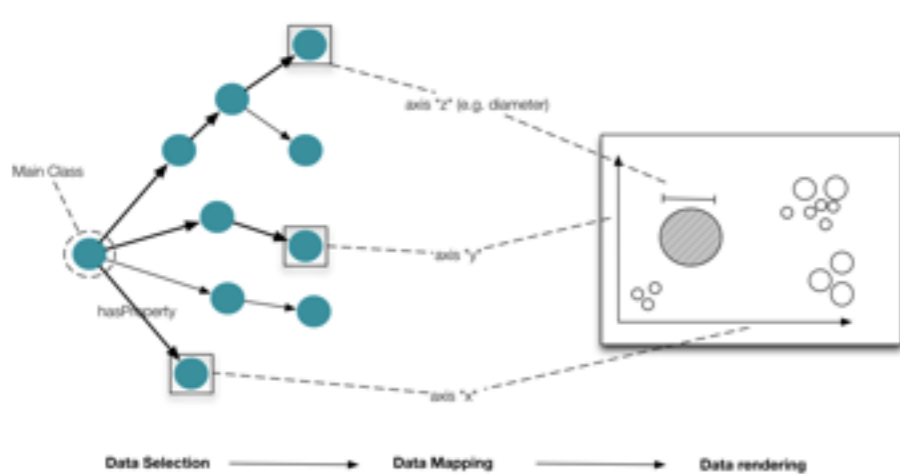
- English speaking... (12)
- Library Card and... (11)
- More parking space (8)
- More soups! (8)
- Better food in the... (6)
- New metro station... (5)
- New design for slash... (-5)

### Intors

Idea Comments

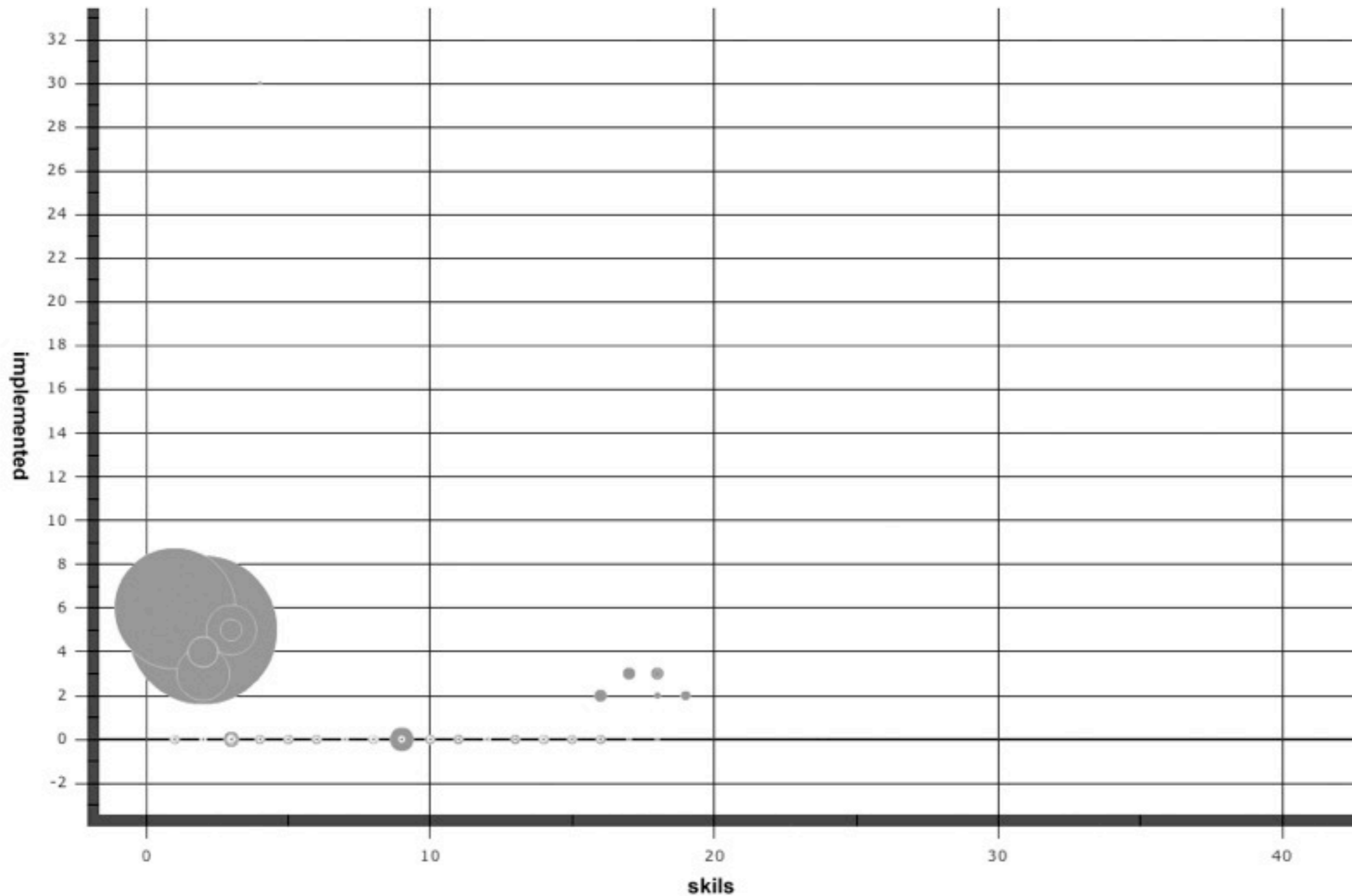
# Idea Analyst

[demo of data analytics and charting]



# Idea Analyst

[demo of data analytics and charting]



● skills vs. implemented per foaf\_person\_uri

Thanks for attention!



Questions ?