

Open Knowledge Convergence OpenKon

KAIST Research Group
Introduction

2012-10-29 (Mon) 16:30-19:00
N6 Faculty Club

13 Members

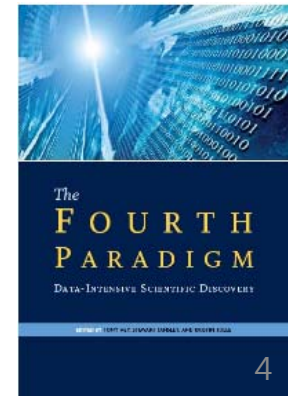
Computer Science	Choi, Key-Sun (최기선)
Knowledge Service Engineering	Yi, Mun Yong (이문용)
Computer Science	Ko, In-Young (고인영)
Knowledge Service Engineering	Lee, Jae-Gil (이재길)
Web Science and Technology	Tony Veale (토니 빌)
Web Science and Technology/Head Computer Science	Myaeng, Sung-Hyon (맹성현)
Computer Science/ Professor	Lee, Young Hee (이영희)
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Knowledge Service Engineering	Lee, Uijin (이의진)
Computer Science	Oh, Alice (오혜연)
Computer Science	Kim, Min Hyuk (김민혁)
Computer Science	Kang, U (강유)
Knowledge Service Engineering	Gweon, Gahgene (권가진)

Operation plan

- **Research area description**
 - **About Open Collaborative Collective Intelligence**

Research area description

- Open Collaborative Collective Intelligence
- A kind of data-intensive science
 - “fourth paradigm” of computing
- Research Goal is
 - to contribute to the development of human and machine-readable web without semantic loss.



References

- Existing Related Projects
 - WikiData
 - OKFN (Open Knowledge Foundation)
 - CKAN (Open Data Source Portal Software)
 - LOD2, EU-FP7

World Unique Innovative Group

- Ref.  SHUTTLEWORTH
FOUNDATION

Supporting exceptional people to change the world

We provide funding for dynamic leaders who are at the forefront of social change. We identify amazing people, give them a fellowship grant, and multiply the money they put into their projects by a factor of ten or more.

We are looking for social innovators who are helping to change the world for the better and are looking for some support through an innovative social investment model.



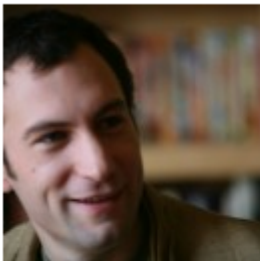
Kathi Fletcher | Open API for OER platforms

Kathi is focusing on how to foster an ecosystem of innovative tools and services around an education highway (metaphorically) made of open education resources (OER).



Jaisen Mathai | Preserving what we capture

Jaisen Mathai is not actually a photographer of any kind. He simply has a lot of photos which are extremely valuable to him. He believes that others do too. Our photos collectively tell others about our life, society and generation. He's working on [OpenPhoto](#) to make sure everything we've captured is preserved.



Rufus Pollock | Open Science: Open Data

Rufus Pollock is working to promote Open Knowledge around the world, including any kind of content or data from sonnets to statistics, genes to geodata, which is freely usable, sharable and reusable.

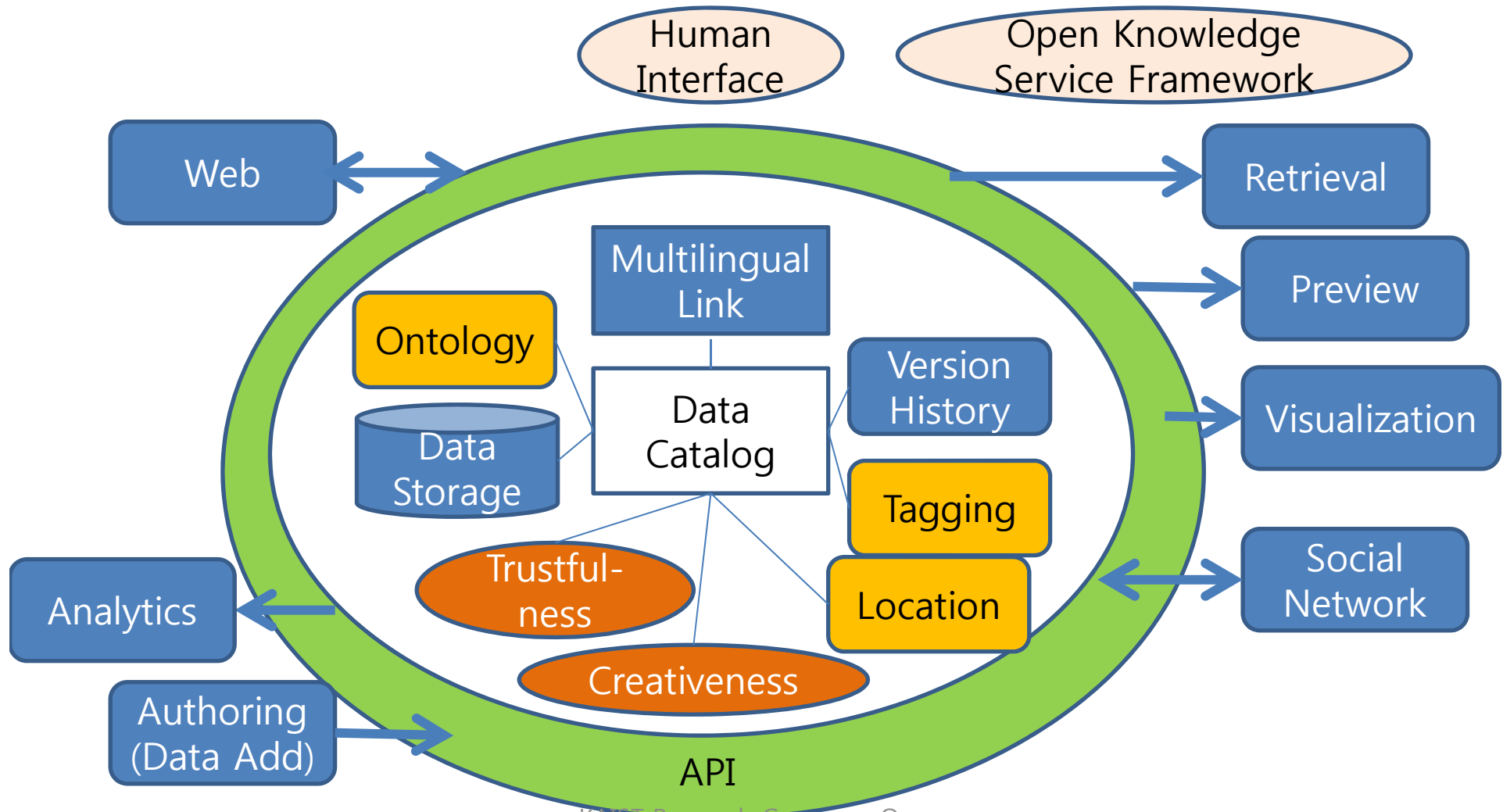
Utilization of Existing Projects

- Utilization
 - Open Government
 - IBM Watson QA
 - Open eLearning and Education
 - Open Geospatial Consortium
- Principles
 - Open data
 - Open source

Implementation Keywords

- Linked
- Trustful content
- Knowledge source
- Tool infrastructure

Open Knowledge Convergence - Map



Research Goal

Human and machine-readable web without semantic loss

- “Trustfulness” to improve the soundness of the cyberspace
- “Creativeness” to identify and confirm the newness, vitality and usability of web
- “Visualization” to make cognitive image of web in coloring and indexing
- “Multilingual” Link for Balanced Open Access
- “Analytics” for small but linked + big web data
- “Location” service of open data source
- “Knowledge service framework” through “knowledge API”

Implementation schedule

- Step 1: Oct-Dec./2012:
 - Survey and Brainstorming
 - Oct: Focusing and Uniqueness Forum,
 - Nov: Web site,
 - Dec: Brainstorming and Plan
- Step 2: Jan-Mar/2013:
 - Proposal and New R&D Project Generation
- Step 3: Apr-June/2013:
 - International Workshop and Forum
- Step 4: July-Sep/2013:
 - International R&D Group Installation

Possible Project Proposals

- Keywords
 - Korean or Asian
 - Open Language Resources and Tools
 - Open Coloring of Web