

Search in the FI: towards an End-User Perspective

Caretakers:

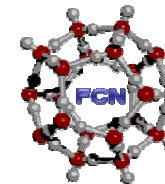
John Domingue

OU and STI



Petros Daras

CERTH/ITI



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Search: a cross-disciplinary topic

Search involves a number of different disciplines within the FI, including:

- ❑ **FCNs:** a) content as the main ingredient of media, and b), networks in terms of improving the user's experience and satisfaction;
- ❑ **IoT:** resource and information discovery from a sea of heterogeneous devices and sensors;
- ❑ **IoS:** service discovery approaches range from keyword search over service directories to semantic approaches which delineate between a service capability (what the service does), non-functional properties, and descriptions of service behaviour.

Main Issue for FIA Stockholm

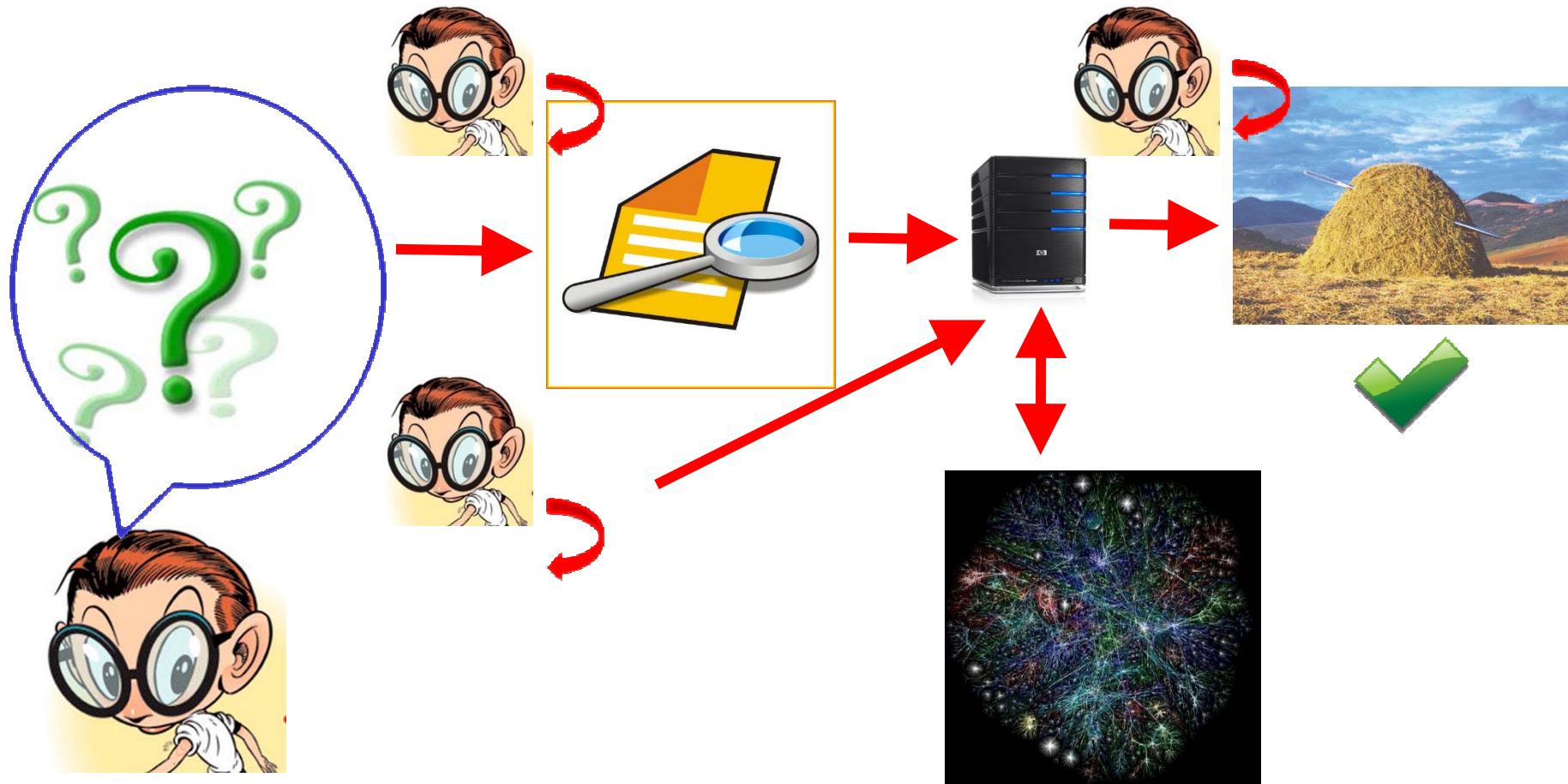
**Towards common understanding
between the different communities**

Stockholm outcome

- ❑ Insufficient representation of the different groups
- ❑ Partial coverage of the objectives set before the meeting
- ❑ Lively discussion and active participation of the audience
- ❑ Need for continuation but in a different basis

FIA Valencia 2010: User in the Loop

- Collect and analyse requirements and identify forward looking applications where search technologies are of primary importance from the vertical sectors associated with the FI: health, transport, energy, city management, content/media



FIA Valencia: BO Session main objective

- Identify user needs and unsolved needs that are important and require search technologies for solutions

FIA Valencia 2010

- **“Search in the FI: towards an End-User Perspective”.**
 - 15:00 Introduction to the Session (John Domingue and Petros Daras)
 - 15:10 Search Requirements and applications from a **Content/Media** perspective (Prof. Tsuhan Chen, Cornell University, USA)
 - 15:40 Search Requirements and applications from a **Health** perspective (speaker to be confirmed)
 - 16:10 Search Requirements and applications from a **Smart City/energy/transport** perspective (speaker to be confirmed)
 - 15:40 Open Discussion (Moderated by John Domingue and Petros Daras)
 - 17:00 Close

Potential speakers

□ Smart energy:

- Hanns Akkermans (<http://www.xs4all.nl/~akmcbv19/>) - services, semantics and economics for Smart Energy Grids
- Bruno Smets, Philips
- Pierre Plaza, Telefonica

□ Health:

- Marco Viceconti - Project Coordinator of the Living Human Digital Library project (<http://www.livinghuman.org/>) - Living Human Physiome set of requirements
- Susie Stephens (Director Biomedical Informatics at Johnson and Johnson and Co-chair W3C Semantic Web for Health Care and Life Sciences) - pharmaceutical company perspective
- Paul Taylor, UCL Centre for Health Informatics & Multiprofessional Education <http://www.chime.ucl.ac.uk/~rmhipmt>
- Martin Huber, Siemens

Time Plan

- ❑ Discuss in the next concertation meeting with the search cluster – 3-4/2
- ❑ Identify/Collect suggestions – 7/2
- ❑ Invite speakers, confirmation – 12/2
- ❑ Final Objectives – 12/2
- ❑ Final Agenda – 19/2
- ❑ Final decision – 26/2