

Search in the PPP: an End-User Perspective

Description of the FIA Valencia Search Session

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Introduction

Search is concerned with making the best use of available (human or machine generated) knowledge to provide users with meaningful information even if his/her request might be poorly formulated and unanticipated. The value of a search engine is related to how efficiently the knowledge is managed (automatically acquired, enriched, structured, retrieved, filtered, interpreted) and how easily the returned information can be accessed and understood.

Within the Search and Discovery session at FIA Stockholm we examined search from three main Future Internet technical viewpoints:

- **Future Content Networks** – where there is a need for data (re-) structuring, and solutions which are high-speed, systematic, dynamic. Comprehensive solutions require convergence between new and old media formats and new content generation techniques and methodologies
- **Internet of Things** – where the focus is on resource and information discovery within a sea of heterogeneous devices and sensors. Social issues come into play here as ‘things’ may include people (e.g. a lost child).
- **Internet of Services** - 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. Service discovery also involves service mediation and composition and may benefit from emerging repositories of Linked Open Data.

To complement our results from FIA Stockholm for the Search session in FIA Valencia we aim to come from the viewpoint of the user. Specifically, to collect and analyse requirements and identify forward looking applications where search technologies are of primary importance from the vertical sectors associated with the PPP: health, transport, energy and city management.

We also propose to change the name of the session to “Search in the PPP: an End-User Perspective”.

Agenda

The session will be in the form of a panel with representatives from the above areas.

15:00 Introduction to the Session (John Domingue and Petros Daras)

15:10 Search Requirements and applications from a Health perspective (speaker to be confirmed)

15:30 Search Requirements and applications from a Transport perspective (speaker to be confirmed)

15:50 Search Requirements and applications from an Energy perspective (speaker to be confirmed)

16:10 Search Requirements and applications from a Smart City perspective (speaker to be confirmed)

16:30 Open Discussion (Moderated by John Domingue and Petros Daras)

17:00 Close