



# 1st ExpertFinder Workshop

Welcome!

Thanks to our hosts/sponsors:

( And thanks to John for the cool Logo! ;- )



# Overview:

- Program at a glance
- Motivation
- The ExpertFinder Initiative
  - Rationale
  - Where are we?
  - Starting points: FOAF, SIOC & SKOS



# Program at a glance



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- 11:00 Welcome, Introduction to ExpertFinder Initiative and aims of the meeting  
(Axel Polleres / John Breslin, 15 min + 5 min discussion/self-introduction of participants)
- 11:20 Invited Talk: Dan Brickley, FOAF and SKOS
  
- 12:00 Presentations
  
- 13:00 - 14:00 Lunch Break
  
- 14:00 Invited Talk: Charles Petrie, Semantic Email Addressing  
(30 min + 10 min discussion)
  
- 14:40 1 slide - Flash Presentations for posters!
- 14:50 - 15:10 Poster Session of ALL contributions
  
- 15:10 **WORKshop**: Open Space: Introduction and topic finding
  
- 15:30 - 16:00 Coffee Break
  
- 16:00 Open Space: Part I (60 min)
- 17:00 Open Space: Part II (60 min)
  
- 18:00 Report Back (30 min)
  
- 18:30 Closing

# Motivation:

- ~10years of SW research, there is enough technology out there to apply the semantic Web, time to leave the ebony tower and get something done!
  - RDF
  - GRDDL
  - Vocabularies such as FOAF, SKOS, etc
  - RDF versions for de facto standards such as iCal, vCard, bibtex, etc.
- Key questions still remain:
  - How to publish the semantics Web data?
  - How to achieve critical mass of users?
  - Which vocabulary to use for what?
  - How to create applications which exploit this data?
- Critical success factors:
  - Common machine readable formats (syntax and semantics)
  - Critical mass (low entry barrier, tool support, reuse) as well as
  - Enabling technologies in place to solve practical use cases.



# The ExpertFinder initiative:

<http://www.rdfweb.org/topic/ExpertFinder>



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Rationale: *“Keep things simple! Tackle the existing problems for take-up”*

Goals of the ExpertFinder initiative:

Bring together interested research groups and Industrial partners to:

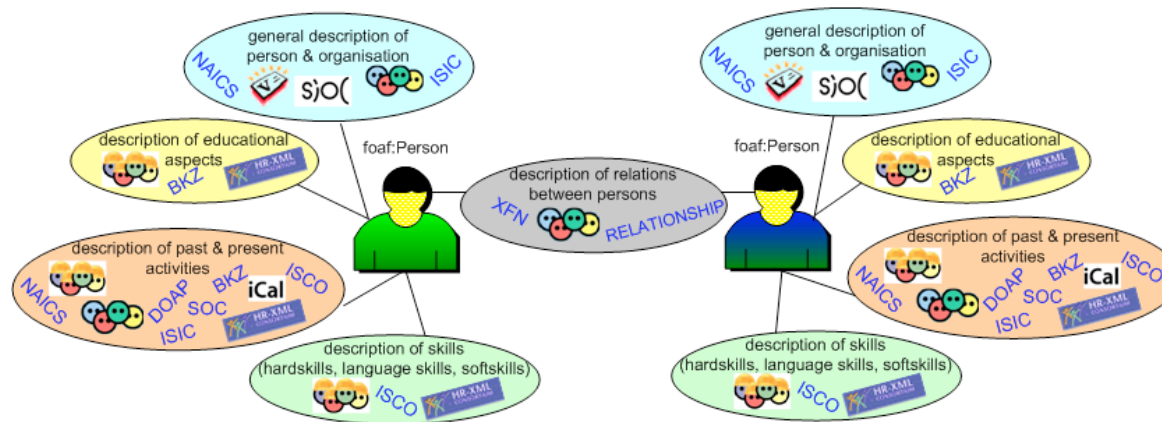
1. An **extended vocabulary based on RDF FOAF**: to describe persons, institutions, enterprises, publications, events, projects, areas of expertise and interests...
2. **Best Practices**: on how to publish the related metadata in order to enable automatic processing.
3. Rules and Other **Enabling Technologies**: The possibility to add rules to metadata to express implicit, interlinked metadata. Support implementations of ExpertFinder applications.
4. **Use Cases**: HR, Semantic Research Portals, ExpertFinding, etc. ...

**Next Steps:** ??? This is why we do this workshop!

# Where are we?

- Identifying relevant vocabularies...
  - Devise a “vocabulary framework” rather than a “new ontology”, see:

<http://polleres.net/drafts/expertfinderDraft.pdf>



- ... technologies...
  - RDF Rules (more flexible than OWL?)
  - SW Search engines and browsers
  - Security and Trust?

- ... and use cases, see <http://www.rdfweb.org/topic/ExpertFinderUseCases>

## Starting points: FOAF, SIOC & SKOS

- The ExpertFinder aims to align with and complement efforts with a growing community behind.
  - FOAF
  - SIOC
  - SKOS
  - and others: DOAP, DOAC, **vCard**, **iCal**, **bibtex** etc.are natural starting points!

More on that in

- a short presentation by John on SIOC, next
- presentation and discussion on state of and further developments planned on FOAF and SKOS by Dan