

Dissemination and Exploitation



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Tripcom Review Meeting
13/06/2008

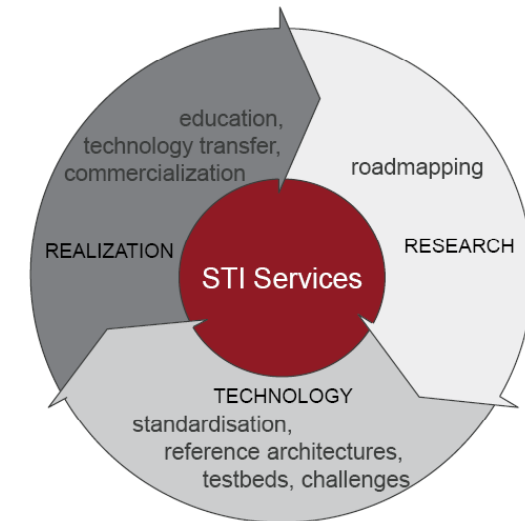


- **Project dissemination**
 - Dissemination channels
 - Project website
 - Target communities
 - Publication statistics
 - Standardization
- **Project exploitation**
 - Exploitation Achievements
 - Exploitation Initiatives
 - Key points for next exploitation steps

Project Dissemination Channels



- Project Website
- STI International – www.sti2.org
 - Association of scientific, industrial and governmental parties
 - Provide support in research collaboration, standardization, dissemination and exploitation activities
 - Organisation and coordination of European and global Semantic Web events and conferences
- Dissemination at conferences
 - Talks
 - Posters
 - Workshops
- Standardization
- Project presentation, synopsis and poster on the website



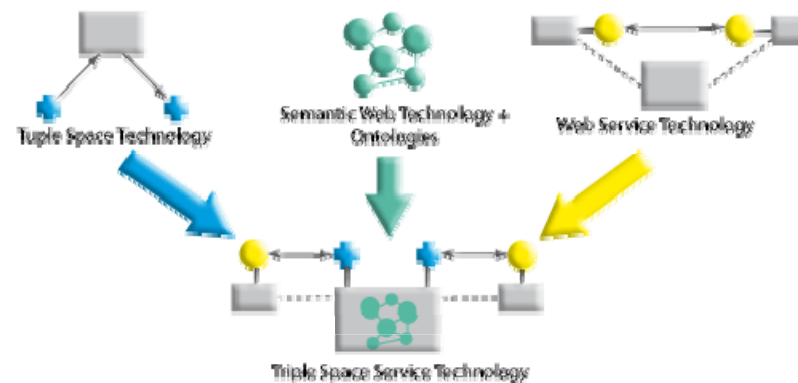
- Public area
 - Project news and events
 - Mission
 - Detailed description of work
 - Publications and reading list
 - Deliverables
 - FAQ
- Consortium internal area
 - Document sharing
 - Draft documents, administrative forms, minutes, ...
 - Complements the project CVS



Idea: Summarizing TripCom's central ideas to provide a potential user with information about:

- Differences and advantages of Triple Space computing compared to related approaches (e.g. databases)
- How TripCom integrates with existing technologies (e.g. Web services, Semantic Web)
- Related technologies
- Information about Tuple Spaces and the Semantic Web
- ...

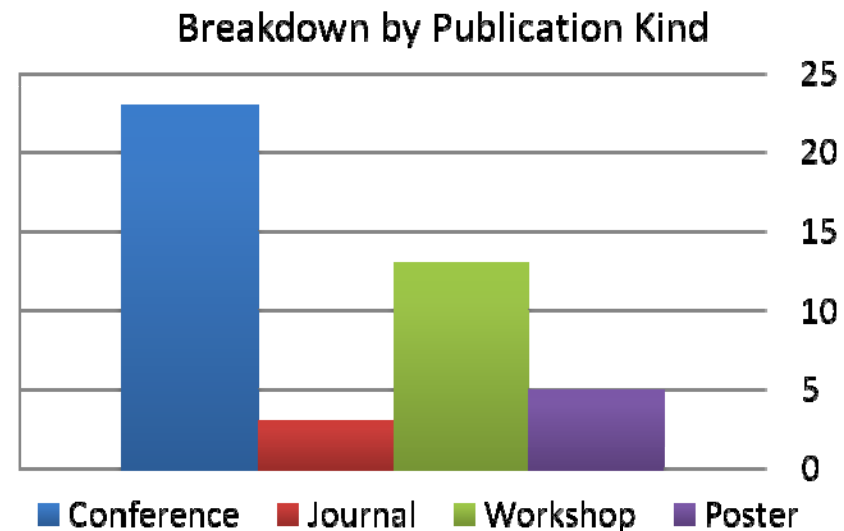
- Industrial
 - Use cases
 - e-Health
 - EAI
- Scientific
 - Semantic Web
 - Web services
 - Tuple Spaces



Publication Statistics



- 44 Publications in total
 - 12 in Y1, 32 in Y2
- By target community
 - eHealth: 7
 - EAI: 4
 - Semantic Web: 14
 - Web services: 12
 - Tuple Spaces: 7
- By kind
 - Conference: 23
 - Journal: 3
 - Workshop: 13
 - Poster: 5



- Selected Keynotes and talks
 - D. Fensel and E. Simperl. *Space-based computing*. In 12th IEEE Conference on Emerging Technologies and Factory Automation ETFA 2007.
 - R. Krummenacher. IEEE International Conference on Semantic Computing (ICSC) *The European View about Semantic Middleware* August 4-7, 2008 Santa Clara, CA, USA.
 - D. Fensel. WI'07 and IAT'07 Joint Keynote: *Service Web 3.0*. International Conference on Web Intelligence (WI 07), Silicon Valley, USA.
 - E. Kuehn. Space-based computing. Invited talk by Telefónica, Spain, 2007.

- Workshops organized by TripCom
 - *Middleware for the Semantic Web: Enabling a Web of Knowledge and Services (MSW)* at the IEEE International Conference on Semantic Computing (ICSC) 2008, Santa Clara, CA, USA
 - International Workshop On Semantic Extensions to Middleware: Enabling Large Scale Knowledge Applications (SEMELS '08) at OnTheMove, OTM Federated Conferences and Workshops 2008.
 - *Workshop on Coordination Models and Applications: Knowledge in Pervasive Environments (CoMA)* at the 17th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE) 2008.

- Public Available Ontologies
 - EDIFACT
 - Mapping EDIFACT components to their meanings
 - EAI
 - Collaboration with EU Project SUPER, joint multimedia Ontology for the EAI Use case
 - eHealth
 - Mapping of eHealth standards to Ontologies as part of the implementation of the Use case
 - Available under: **<http://www.tripcom.org/ontologies>**
- Nokia
 - Exchange of experiences with Nokia Research, Helsinki
 - *Triple-Space Based Computation Platform – Sedvice*
 - Ongoing

- Expected impact of project results on standardization
 - Semantic Web services
 - →SA-WSDL
 - WS binding for Triple Space
 - →TripleSpace SOAP binding
 - Query language extensions
 - →SPARQL

- Semantic Annotations for WSDL and XML Schema
 - Specifies hooks for adding semantics to WS descriptions
 - Allows to refer to
 - Concepts in ontologies
 - Transformation rules for lifting and lowering
- Contributions by TripCom members
 - Especially: SA-WSDL RDF mapping
- TripCom-based WS-Registry
 - Want to be able to store SA-WSDL documents in the TripleSpace
 - Create SA-WSDL RDF mapping
 - Finished June 2007 as part of WP4

- TripCom implements SOAP over TripleSpace
 - Invoke Web services over TripleSpace
 - Integrate with Web services on the transport level
 - Seamless integration with higher-level standards
- Facilitate STI expertise to standardize the binding

- SPARQL became a W3C Recommendation in early 2008
- TripCom uses SPARQL as the baseline for query expressivity while pursuing for scalability which requires less expressivity.
- Member submission about SPARQL restrictions/extensions are discussed as part of the query and distribution work in Y3

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 - TripCom FAQ
 - Target Communities
 - Papers Published / Conferences Attended
 - Standardization Activities
- **Project Exploitation**
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- Official Slidesets
 - More emphasis on TripCom application to industry
 - Reviewed by presentation
 - A more industry focused small presentation (ongoing)
 - Being prepared by industry

- Creation of the TripCom tutorial (ongoing)
 - Help future service developers
 - Training mechanism
 - Will be presented in selected initiatives

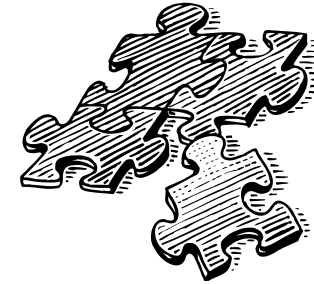


- Industry promotion:
 - Internal dissemination
 - Invited talk (Eva Kuehn)
 - Publication in Telefónica developer magazine
 - Presentation of TripCom to *Services for Final Client* TID Director.

- Industrial Dissemination Plans
 - Presentation of TripCom demonstrator or tutorial
 - ESTC '08
 - Telefónica Annual Innovation Fair



- Functional Evaluation
 - What industrial problems can we solve with TripCom?
- Explore our commercial relationships
 - Nokia system: potential synergies



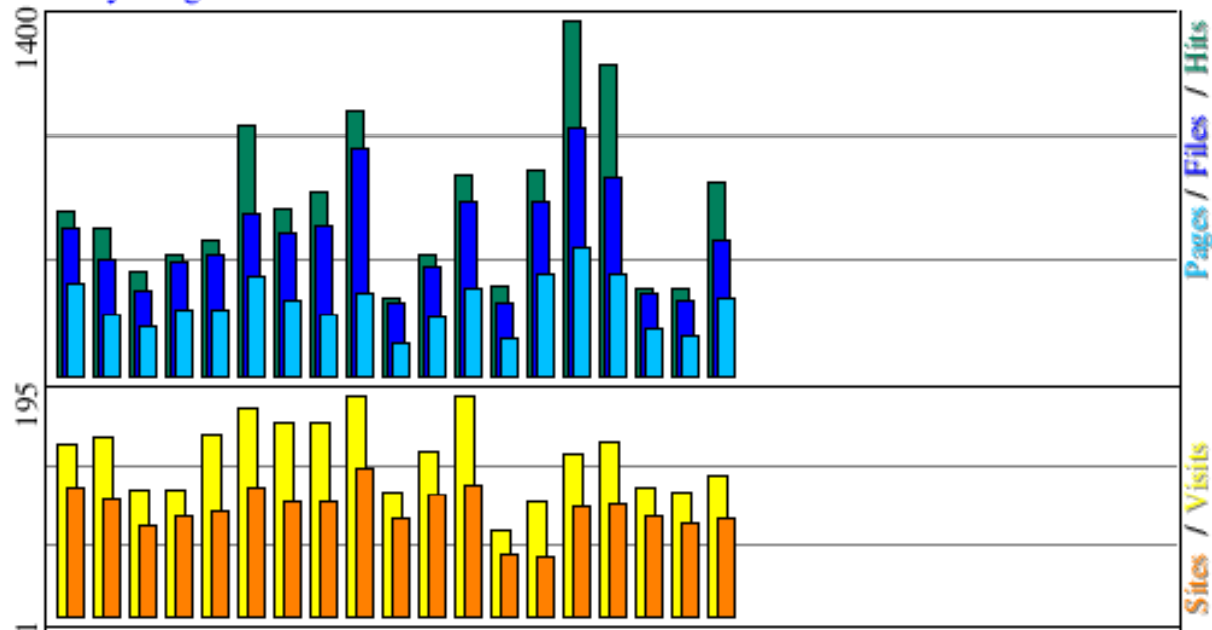
**Refinement of exploitation plans and further exploitation steps.
Be more accurate!**

End of Document

- Merge with Davids Exploitation slides

Project Website (2)

Daily usage for March 2007



DRAFT

- Top Google search terms:
 - “enterprise service bus and rdf”, “european patient summary”, “edifact interchange”, “owl wsml”, “edifact schemas”, “patient summary”
- Top 3 usage by countries
 - Germany
 - Austria
 - Italy