

Tripcom FP6-027324

Project Overview



Elena Simperl
STI Innsbruck
TripCom Review Meeting
June, 13 2008



- TripCom in a nutshell

- The second year of TripCom was about...
 - Technology development
 - Use case refinement
 - Evaluation planning
 - Industrial dissemination, community building and exploitation

- The management side of things

- ... provides the theoretical and technological foundations for Triple Space, which is envisioned to become the *“Web for machines as the Web based on HTML became the Web for humans”*
- ... *“aims at improving the way Semantic Web services communicate with each other by providing support for persistent ‘publish and read’ infrastructures at the Internet scale, and evaluating this approach through a number of use cases within the Enterprise Application Integration and Data Exchange in Healthcare application areas.”*

- *“The definition of a common architecture and the implementation of a first prototype as a proof of concept that provides an excellent basis for further joint developments in the project.”*
- *“The project benefits from a set of very convincing and relevant use cases that clearly demonstrate the benefits of having an Internet scale infrastructure for the persistent publish and read paradigm.”*
- *“The cooperation amongst the partners appears to be very good.”*

- *“A potential problem of the project are the extremely ambitious objectives, especially with respect to the **scalability** and **efficiency** of semantic technologies and the lack of a convincing **evaluation plan** for testing the fulfillment of these objectives.”*

■ Technical development

- Efficient storage instruments to support the Triple Space infrastructure
- Distributed TripleSpace architecture
- Research on distributed SPARQL processing
- Methods to enable Web service interaction over the TripleSpace
- Security and trust model
- Analysis of trade-offs between scalability and functional and non-functional properties of TripleSpace
- First integrated presentation
- EDIFACT ontology

Technical WP presentations
„Towards a Scalable Triple Space“ presentation

■ Use case refinement

- Ontology development and instance data generation
- Development of use cases
- Integration with existing technology

Use case presentations and demo's

■ Evaluation plans for the core technology and the use cases

- Identification of parameters, test design, analysis of testing environments

„Towards a Scalable Triple Space“ presentation
Use case presentations

- *“Special attention should be paid to viable tradeoffs between scalability, performance and expressiveness.”*

„Towards a Scalable Triple Space“ presentation

- *“The project should define concrete evaluation plans for testing the achievement of the objectives in the context of the use cases.”*

„Towards a Scalable Triple Space“ presentation
Use case presentations

- *“Special attention should be paid to the use of realistic data sets large enough to demonstrate scalability beyond existing RDF infrastructures.”*

Use case presentations

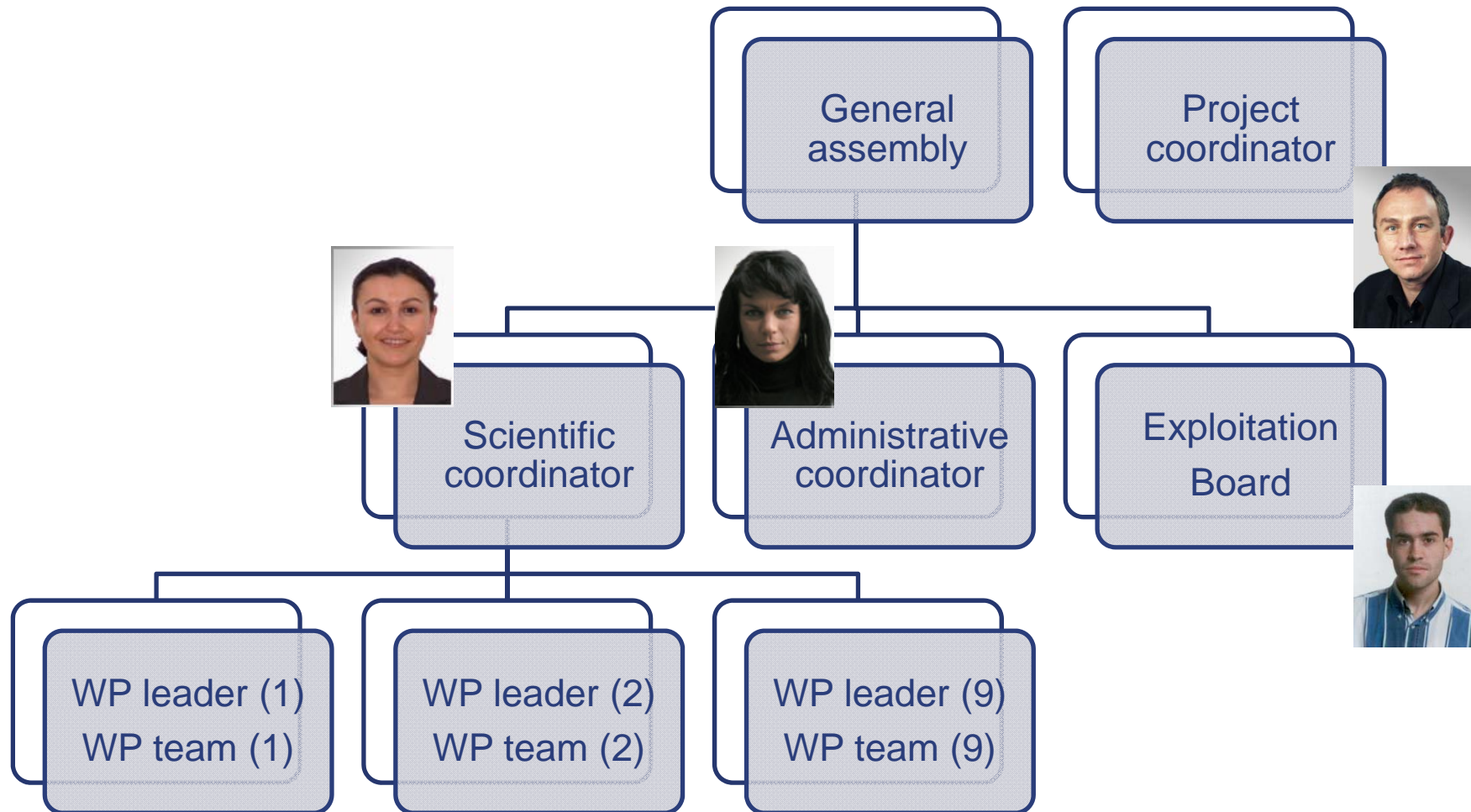
- *“Work in the next period should focus on the distribution of the storage infrastructure and the integration of security mechanisms into the approach.”*

Technical WPs presentations

- Further publications at conferences and in journals addressing all relevant target communities
- Workshops on Triple Space technology
- Collaboration with other projects and initiatives
- Exploitation within Telefonica and collaboration with industry

Dissemination and exploitation
presentation

The management side of things



The team behind the management



Overview of the agenda



10:20 Use case EAI (David de Francisco, Javier Martinez)

10:55 Coffee break

11:00 Use case eHealth (Dario Cerizza)

11:35 Towards a scalable Triple Space (Reto Krummenacher, Robert Tolksdorf)

12:30 Lunch

13:30 WP1-5, 7 presentations (Vassil Momchev, Lyndon Nixon, Daniel Wutke, Davide Cerri, doug foxvog)

14:30 S&T progress and co-ordination (Elena Simperl)

14:40 Dissemination and exploitation (Daniel Martin, David de Francisco)

15:10 Project management (Alice Carpentier, Elena Simperl)

15.30 Open questions

16:00 Coffee break / Closed review session

16:30 Summary

17:00 Closing

Enjoy the review

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