Semantic Technology
Business and Technology case

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Data challenges in the Financial Industry

**Demand** for processing varied data and extracting insights.

- Regulatory Reporting
- New business models
- Changing consumer behaviour (mobile)

Semantic Approach

A simple, *universal way* to represent data and its meaning.

- Sharing unambiguous meaning (metadata) that travels with the data
- Data understood by different people and machines
- Revolutionary flexibility – data model can be rapidly adapted to integrate new data

Understanding and managing data semantically

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The Semantic Web vision


“Suppose I could program my computer to create a space in which anything could be linked to anything”.

Sir Tim Berners-Lee

Prof. Tim Berners-Lee
http://www.w3.org/Talks/WWW94Tim/
Goal of the Team Project

What we already have:
- Existing academic research and industry web resources
- Semantic software: OntoStudio

What we want to develop:
- Business case for semantic technology implementation
- Technology case and development of a piece of semantic technology

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Timeline

Start

Business Case
Demand/Benefit analysis, Time and cost planning, New Services Development

Technology Case
State-of-the-Art analysis in the area of Semantic Technologies; Selection of an adequate technology/software and IT Architecture

End

Board Presentation

Project planning

Meeting

1st seminar

Technical requirements

2nd seminar

Development

Project Documentation ongoing

Monat 2

Monat 4

Project Documentation Handover

Monat 6

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Organizational Issues

Prerequisites

- Motivation, readiness to experiment and to learn how to approach problems systematically
- Team spirit, communication and presentation skills

Organizers:

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