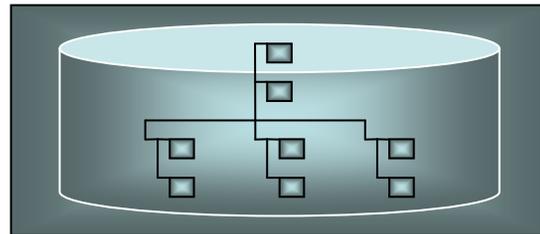# Semicolon

Semantic and Organisational Interoperability in Communicating and Collaborating Organisations
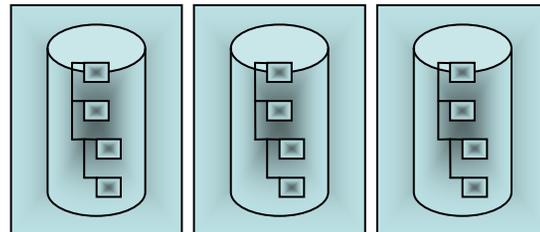
Semicolon

Semantic and Organisational Interoperability in Communicating and Collaborating Organisations
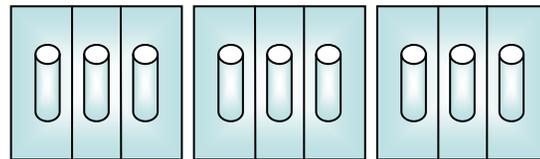
Interoperability

Collaboration between public sector organisations

Collaboration inside public sector organisations

Fragmented public sector: isolated information models

Public sector organisations

Rationale for Semicolon

- Full interoperability is highly prioritised in Norway
  - 'An Information Society for All', Report no 17 (2006-2007) to the Storting

- Norwegian public sector is increasingly user-oriented, aiming at the provision of electronic services on a 24/7 basis

- General goal: Citizens and businesses should report information only once and thus make life easier for citizens and businesses

- EU's Lisbon strategy claims that a good public sector represents a competitive advantage for businesses

- Collaboration between public organisations, citizens and businesses is necessary to provide a more effective and efficient public sector

- Semicolon will realise collaborative activities that would not have been possible to accomplish within existing relations between the individual organisations

Semicolon

Main goal:

Develop and test ICT-based **methods, tools and metrics** to obtain faster and cheaper semantic and organisational interoperability both with and within the public sector.

Participants:

- Three large public organisations
  - Directorate of Taxes
  - The Brønnøysund Register Centre
  - Directorate for Health and Social Affairs
- Private and public companies
  - DNV – Det Norske Veritas
  - Karde AS
  - eKor AS
  - Norwegian Centre for Informatics in Health and Social Care
- Universities
  - University of Oslo (Semantic interoperability, Object orientation)
  - Norwegian School of Management (Organisational interoperability)

Facts

- 3 years, Oct 2007 – Oct 2010
- Total budget: 6,5 mill. €
- Funding by the Norwegian Research Council: 2,3 mill € (35%)

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Characteristics of Semicolon

- Consortium is multidisciplinary: expertise in semantics, object orientation, organisational development

- Identification of obstacles in real cases of collaboration

- Allow differences between collaborating organisations (e.g. values, goals, and aspects of the same concept)

- Participating public organisations are locomotives for a more effective and efficient public sector

- Development activities based on prototypes/demonstrators, and verification in real collaboration cases

- Dissemination of findings and results to national and international recipients