STI International’s Web 3.0 Strategy

Eating our own dogfood in a professional sustainable way

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Why

• Advocate for Semantic Technology
• Experience semantics from a user perspective
• Increase efficiency and effectiveness
Key Influences

- Character of Partners and Members of STI2
- STI2’s structure
- STI2 events
- STI2 website
• 2075 papers
• 4861 people
• 1125 organisations
• 19 conferences and
• 132 workshops
Organisation

DERI, Universität Innsbruck

Homepage: http://www.deri.at
Homepage: http://www.uiibk.ac.at
Homepage: http://www.sti-innsbruck.at

The following people are or were members of DERI, Universität Innsbruck:

- Bishop, Barry (ESWC2010)
- Bruijn, Jos De (ESWC2007)
- Buerger, Tobias (ESWC2009, I-Semantics 2009)
- Cimpian, Emilia (ISWC2006, ISWC2007+ASWC2007)
- Ding, Ying (ISWC2007+ASWC2007, OM2007)
- Duan, Yubin (ISWC2007+ASWC2007)
- Facca, Federico (SWSC2008)
- Hench, Graham (ESWC2007)
Conceptual model (1/2)

- **Organisation**
  - FOAF can be used as a starting point

- **Network organisation**

- **STI2** – an instance of a network organisation.

- **Person** – can be defined using the FOAF ontology.

- **STI2 Member** - subclass of organisation.

- **STI2 Partner** - subclass of organisation

- **STI2 Executive** – role within STI2

- **STI2 Fellow** – role within STI2

- **STI2 Board**
Conceptual model (2/2)

• **STI2 Event** – STI2 events
• **STI2 Projects** – projects currently running in STI2
• **STI2 Working Groups**
• **STI2 Technologies** – developed or owned by STI2
• **STI2 National Centres** – instances are Germany and Austria.
• **STI2 Team** – the personnel in the office in Vienna
URI Naming Scheme and Linking

- Toplevel domain should be data.sti2.org
- Link to
  - Data.semanticweb.org
    - the Semantic Web Dogfood site
  - Data.<sti-member>.x
    - Partner linked data sites
SELECT ?picture
WHERE {?group foaf:member ?student .
?student foaf:depiction ?picture}
Final Remarks

• We should move the underlying content management system to Drupal 7.0
  – Some capability issues currently(?)

• Provide as a service for:
  – All project and event websites that STI2 runs
  – STI Partners and members