KnowledgeWeb WP3.1 Meeting

Hanover,
January 2005

Agenda

- Next deliverable: D3.1.3: First version of the VISWE statutes

  - Discuss open issues

- VISWER:

  - More industrial content

  - Quality guidelines

D3.1.3: VISWE Statutes

- Currently open issues:
  - The membership fees
  - Founding members: Personal vs. institutional membership
  - Incentives for members
  - [Steering committee members]
  - Technical issues around the general assembly of the association (e.g. possible using video conferencing system etc.)
    - Educational events and VISWE (like the SWSA -- ISWC?)

VISWE statutes

- Membership fees:
  - Ariadne: 500 EUR / year for 'usual' research institutions (I.e. as the current Kweb / REWERSE partners)

  → Adopt this?

  - Other interested partners (industry?)
- Objective: Get money for the phase after the end of Kweb (administration, webspace, support for educational activities…)

Founding member status

- Founding members:
  - L3S, OU, FUB, VUB, FUBerlin, UPM, UKARL
  - More?
- Personal membership: Easier to get signatures for the founding protocol to be filed in at court for the registration of the association
- Institutional membership: No personal liability (but as soon as the association is officially 'non-profit' personal liability is (mainly) limited to the steering committee people and only if the act 'illegal' by intention

Member incentives

1. Limit general access to member?

   - Everybody agrees: Not a good idea

2. Limit access to source code to members?

   - Many agreed: A good idea → implementation issue, not yet solved…

     1. Either clone each resource and restrict usage of sources to community 'VISWE'
     2. Or: changes in the platform (to be paid to the developers…)
     3. Or: link in between the platform and the database (to be examined…)

3. Limit upload of material to members?

   - Probably not a good idea since we need a quality assurance process in anyway…

4. Limit usage of semantic add-ons to members

   - Probably not a good idea since we want to raise interest in Semantic Web techniques…

5. Unlimited access to material, but limited access to events (I.e. less fees for VISWE members)

Basic decision: Bullet 2 and/or Bullet 5

VISWE and Educational Events

- Current status: Flexible support, separate decision for each event

    – Decision to be made by the steering committee

    1. Direct organization

        – Too high risk, too high efforts for now…

    2. Supervision with financial connections

        – The SWSA/ISWC model

        – Some risk, but also possibility to raise money from events

    3. Supervision without financial connections

        – No risk, no money :-)

More minor issues

- Usage of 'modern' telecommunication means?
  - General assembly via videoconference
  - Invitations via email

→ Save costs and time

→ Put these in the statutes to be sure (else a 'malicious' member could enforce the old-style face-to-face general assembly …)

→Not too important ☺

VISWER: Industrial Content

- More industrial content
  - Latest news: IM-C offers to run a workshop on how to prepare material for education for professional (they call it content for corporate partners…)
    - → ProLEARN will participate, Kweb, too?
    - → to ask REWERSE
    - → Could create a joint PROLEARN/KWEB/REWERSE workshop

VISWER Quality process

- Create a list of 'guidelines'/recommendations…
  - Comprising technical issues / content issues
- Which ones to enforce for approving a unit? How?
  - Technical issues: VISWER administration (me :-)
    - I have to approve each offer in anyway
  - Content issues: how to assess?? Like a paper review process?? Any simple, but effective mechanism?
- 'KnowledgeWeb certificate' for approved material

Quality guidelines: Technical issues

- Non-proprietary format (I.e. PDF / html)
  - Our PO feels strongly about this, so we really should do this…
- Metadata annotations: Field 'Curriculum':
  - Fixed keywords BSc, MSc, PhD, Professional,…
    - Better user classification of 'Professionals'? (programmers, project managers,…)
  - Idea: Search according to user profile (very important for 'professional')
    - http://ubp.l3s.uni-hannover.de/ubp/srchFullTextSearchResult?$global.search.text=Professional
  - currently only 'human language technology' from USFD.
  - I think 3 more units suited for professionals:
    - Semantic Web Information day (FUBerlin)
    - Ontology engineering (UPM)
    - WSMO tutorial (OU)
  - →Adapt the meta-data for these resources (and others, if they are also suitable for practitioners / professionals)

Quality guidelines: Technical issues II

- Upload the material instead of providing links

  - Links can go to the already existing background collection

- Provide the sources for each resource

- Modularization

  - Problems:

    - Difficult to reuse whole university courses

    - Difficult to group whole course into catalogue

      - Some material cannot be classified according to our catalogue because it matches all classification criteria…

  - Including linking of different modules (Topic A (in Module X) required for Module Y…) → metadata field 'prerequisites'

VISWER: More issues

- Modify/enhance the classification criteria for the catalogue?

List of available Learning Resources

- L3S: Semantic Web Lecture (example for modularization of a lecture into 4 modules with 8 hours each)
- OU: Classification Problem Solving, Knowledge-level Models (1 hour each), WSMO tutorial (6 hours)
- FU Berlin: Semantic Web Information Day
- LivUni: Introduction to Multi-Agent Systems
- INRIA: Ontologies and Knowledge Representation (12 hours), Distributed AI (PhD thesis), Knowledge Engineering applied to the Semantic Web (50 h), Ontologies in a nutshell (20 min), RDF (5h), User models (1h, slides from PhD defense), Methods and tools for corporate memory (1h)
- FUB: Description Logics (24hours), DL for Conceptual Design (12h)

List of available Learning Resources II

- UniTn: Introduction to Java Tools for XML, Introduction to XML, Introduction to XSL (all 2 hour modules)
- UPM: Ontological Engineering (4h)
- UoM: Semantic Web: Languages, Project, Tools (html), Info retrieval (20h, html), OWL tutorial (html)
- VU: Web-based knowledge representation (collection of modules)
- USFD: Document annotation (3 hours), HLT (4h)
- ITI: Knowledge-assisted multimedia
- UKARL: Knowledge management I (9h) & II (6h)

Not yet available:

- (list compiled from D3.2.1):
    - UPM: Upgrade legacy content, Semantic portal technology
    - UKARL: Intelligente Systeme
    - FUB: Computational Logics
    - UniTn: Logics for knowledge representation and reasoning, models of knowledge representation
    - L3S: Internet technologies
    - [VUM: no further efforts in education area…]