KnowledgeWeb
2nd Education Area Meeting

Manchester,
September 2004

Agenda

Work package 3.1
- D3.1.2: VISWE foundation (~1 hour)

Work package 3.3
- D3.3.2v2: Complete infrastructure + D3.3.4: ProLEARN / IMS cooperation (~1/4 hour)
- Advanced learning platform (~1/2 hour)

[Coffee break]

Work package 3.2
- Shared master curriculum (~3/4 hour)
- D3.2.2: Report on educational events (summer school) (~1/4 hour)
- Adding learning resources to EducaNext (~3/4 hour)

Miscellaneous
- Semantic Web Ontology (~1/4 hour)

Work Package 3.1

- D3.1.2 (month 6): Organizational / legal form of VISWE, base for MoU (D3.1.3)
  - What are the aspects to consider?
    - Organization form
    - Mutual course / exam recognition?
    - Responsibilities?
    - ...
- Idea: Found an association: VISWE foundation

VISWE Foundation

VISWE – Organization form

- Founding members: KWeb partners
  - L3S, KMi, FUB, VUB, FUBerlin, UPM, UKARL…
- Non-profit organization: association (German 'Verein')
  - According to German law (located in Germany)
  - Non-profit: Less costs for founding (court fees), financial advantages (less taxes)
- 'Non-profit' requirement: Support certain objectives within the society
  - Science / research or education possible according to German law

VISWE – Objectives

- General support of society tasks
  - Science / Education as common good
    - Not to be done by commercial companies only
      - Bologna declarations & follow ups
  - Support for spreading knowledge within society
    - Support for industry? → connection to REWERSE
  - Organization of summer schools
    - Spread knowledge
    - Support socially disadvantaged people with travel grants
      - E.g., PhD students from eastern European countries

VISWE Tasks

- Administrate the learning resources
- Administrate the learning platform (EducaNext)
- Organize summer school
- Similar to Ariadne foundation

  http://www.ariadne-eu.org

→ Provide resources for shared master curriculum

  – Also: industrial courses (?) Request from REWERSE TTA / KWeb Industrial area

VISWE: Formal requirements

- Founding members:
  – 7 persons / institutions (not necessarily German)
    - Persons typically much easier and faster…
- Creation of statutes:
  – In German (?)
  – To be signed by founding members
    - Signatures must be confirmed by a notary
  – Talk to finance office & notary first to ensure that the statutes are such that the non-profit character is ensured
- Protocol of founding session
- Necessary to register association into the German association register (located at a special court)

VISWE: Members

- Persons, Institutions from any country
  - Ex.: L3S
- Industrial partners(?) → REWERSE cooperation
  - Duties to fulfill non-profit character?
    - Must contribute something, not only take advantage of…
  - Do we have enough content for industry to be attractive?
- Question: who represents institutions / partners?
  - Delegation of right to vote in the general meeting?
  - Typically: steering committee (who is allowed to act on behalf of the organization)
    - Is this what we want, e.g. for the yearly general meeting?

VISWE: The steering committee

- President, Vice-president, treasurer
  - Are allowed to act on behalf of the association
    - (either alone or by majority vote, or…)
      - To be fixed in the statutes
- More members possible if necessary

VISWE: The General Meeting

- Organized once a year
- Decide about finances
  - Acknowledge work of steering committee
- Changes of the statutes
- …

VISWE: Member rights
(incentives to become member):

- Access EducaNext Portal and resources
  - Or should this be public to underline the non-profit goal?
- Special rights for members
  - Access source code for courses (if available)
  - Add resources to EducaNext (to make them popular)
- Everybody can become member (that's German basic law)
- …

VISWE: Member duties

- Correct usage of learning resources according to the policies
  - No usage to earn money (directly)
    - Problem for education companies
- Ensure not to violate any copyrights when uploading material
- Pay a yearly fee (to finance organizational things and probably someone taking care of the platform)
  - E.g. 500 EUR (cf. ARIADNE foundation)

VISWE: Cooperation with REWERSE

- Letter of intent (REWERSE Deliverable E-D2 / T-D2, Kweb D E-2 / D T-2 (WP 1.5))
  - Shared usage of learning units
  - To be signed by the NoE coordinators...
    - Fensel / Bry
  - ... and the education area coordinators
    - Nejdl / Maluszynski
- What industrial courses? What licence models are feasible for educational business companies
  - Which want to use the material to earn money

Work Package 3.3

- D3.3.4: Collaboration with IMS consortium and ProLEARN (month 12)
  - ProLEARN workpackages 4 and 5
  - IMS: use their standards
  - Additionally: Cooperation with ARIADNE?
- → L3S and OU

Work Package 3.3

- D3.3.2v2: Complete infrastructure installed
  - Extend learning unit collection
    - Add material from summer school 2004?
    - cf. D3.2.1v2: populate EducaNext with learning units / modularization
- Further action points:
  - Explore EducaNext communication tools
  - Advanced learning platform
    - Magpie presentation: OU

Work Package 3.2

- D3.2.2: Report on educational events (month 12)
  - Initiatives towards summer school (OU, UPM, ...)
    - Report based on questionnaire, which has been sent around (OU, UPM)
  - More?
- D3.2.1v2: Extended learning unit available (month 18)
  - Modularization of learning units / adaptation if necessary
  - Populate EducaNext / Ariadne with learning units
    - http://ubp.learninglab.uni-hannover.de/EducaNext/ubp
    - First examples available in EducaNext
    - HowTo: Some hints for the insertion of resources
- D3.2.4/D3.2.5: Curriculum in ontology and semantic web (due in month 18)

Shared Master Curriculum

- D3.2.4 / 3.2.5
  - Discussion necessary soon, based on D3.2.3
  - Agree about the level for the shared master scenario (for those who want to support the shared master)
    - From the mailing list: Level 2 seemed to have received most support(?)
    - Presentation by Enrico Franconi

D3.2.1v2: Extended Learning Unit Collection

- Main problem: Upload your courses described in D3.2.1v1…
  - Currently: Two partners have provided content

  → Provide at least one course per partner until end of October
- Some more help available:
  - 'Howto' for inserting learning resources
  - New mailing list for everybody providing learning resources

The kwebrew-lu mailing list

- Intended for providers of learning resources from both, Kweb and REWERSE NoE
  - Discuss everything around using EducaNext, things to improve, how to make modules, improve the 'howto', …
  - https://info.learninglab.uni-hannover.de/mailman/listinfo/kwebrew-lu
    - Everybody having provided material for D3.2.1 / E-D1 is automatically subscribed
  - More interested parties welcome (of course)

The 'Howto': How to insert learning resources in Educanext

- Build modules not being larger than ~ 8 hours
  - For lectures: Insert each module separately
    - Use the 'clone' functionality for a fast process to enter modules
- Please: upload your material instead of providing a URL

  → ensures that the material is still there in a few years…
  (example: In ontoweb already some broken links)
- Please: fill in as many metadata fields as possible
  - Some of them are 'mandatory', so you have to…
  - Some (esp. educational metadata) are optional
    - Mandatory: curriculum (which means the intended scenario as discussed in D3.1.1, but more information on other possible usage scenarios is welcome)

Howto II

- Upload single files / ZIP-files
  - Try to include small index.html in zip-files
- → Objective: Good metadata enables semantic add-ons to the platform (WP 3.3)
  - →Advanced learning platform
  - Provide keywords in the 'description' metadata field
  - Provide dependencies in the 'dependencies' metadata field

List of Learning Resource Providers

- Available:
  - FU Berlin: Semantic Web Information Day
  - L3S: Semantic Web Lecture (example for modularization of a lecture)
- Not available (tell me which you want to add):
  - FUB: Comput. Logics, Description Logics, Concept. Design
  - UniTn: Logics, Intro to XML
  - VUM: Info. Retrieval, Knowledge Repres., Ontologies and OWL
  - VUA: Knowledge Representation
  - INRIA: Ontology nutshell, Course on Ontologies, RDF
  - UPM: Ontol. Engineering, Upgrade legacy content, Semantic portal
  - UKARL: Intelligente Systems, Wissensmanagement
  - OU: Semantic Web Services
  - USFD: Human Language Technology
  - CERTH: Multimedia Content Analysis
  - LivUni: ?

All Work Packages

- What ontologies are necessary?
  - Semantic Web ontology
    - Classification system for SemanticWeb
    - Necessary at least for the modularization of the LUs
  - More… ?
- → Will be developed in parallel to other activities
  - → Open University [+ help from L3S] + …?