Learning Infrastructure
A project of accès à l’information scientifique

SWITCH
Serving Swiss Universities

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Learning Infrastructure


AAA Programme

Accès à l’information scientifique
Information Supply 2013-2016

• Foster cooperation and innovation of swiss universities
• Is not a direct continuation of AAA/SWITCH 2007-2011
• History and roadmap
  – May ‘12: CRUS invites SWITCH to submit a sustainability project for the year 2013
  – June ‘12: SWITCH calls for project ideas
    (AAA contact pers, AAA project mng, ASIUS, FID, eduhub, ETWG)
  – Aug 31st: submission of project proposal to AAA/SWITCH
  – Sep 30th: submission of sustainability report to CRUS
    - Learning Infrastructure
    - Swiss Academic Compute Cloud
  – Nov ’12, Jan ‘13: project accepted by CRUS
  – Jan ’13: project start
Learning Infrastructure

• E-Learning covers ~50% of AAA/SWITCH
• Bridging project Learning Infrastructure
  – E-Assessment
  – Modern learning environments
• Participating institutions:
  – EPFL, ETHZ, FHNW, FHO, SUPSI, UniBAS, UniBE, UniFR, UniGE, Unil, UZH, ZFH, and SWITCH (project management and partner)
• Period: Jan – Dec 2013
• Volume:
  – 23 work packages
  – Work: ~220 PM
  – Federal funds: ~1.3 Mio CHF
Topic: e-Assessment

• Subject
  – Service map, decision support, re-usage
  – Field tests and enhancements
  – National infrastructure
  – Competence oriented assessments

• Aims
  – E-Assessment Portal: tools, scenarios, community
  – Pilot deployment and testing
  – Implementation of enhancements
  – Development of business models
  – Guidelines & reports (deployment support, competence orientation)
**Topic: PLE**

- **Subject**
  - Learning and working environment
  - Personalization
  - Collaboration across institutions
  - Available to students, alumni, researchers

- **Aims**
  - Requirement analysis
  - Evaluation & selection
  - Mobile access
  - Pilot
  - Introduction at the institution
  - Implementation / extensions

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**Participating Institutions**
EPFL, FHNW, SUSPI, UniBas, UniBE, UniGE, UniFR, UZH
Topic: e-Portfolio

• Subject
  – Individual competencies
    - Reflect
    - Evaluate
    - Show

• Aims
  – Strategy for long-term preservation of e-portfolio data
  – Definition of structural model
  – Specification of e-pf data visualization
  – Specification of aggregation system
  – Customizable support material
Topic: e-Identity

• Subject
  – Long-term digital identity of graduates
  – prove formal competencies

• Aims
  – Forgery-proof academic certificates and artifacts
  – Clarify relation between e-identity and e-portfolio
  – Concept for integration with e-portfolio systems
Topic: Life-Long Learning

• Subject
  – LLL at swiss universities

• Aims
  – Requirements for a technical service
  – Raising awareness
  – Determine requirements of stakeholders: cont. education, alumni, career services, seniors, uni management.
  – Build community
  – Guidelines for a strategy and implementation

Participating Institutions
FHNW, SUPSI, UniBE, UniGE, UniFR, SWITCH
Dissemination of Results

• Results of work packages are available to swiss higher education community, and others…
• Sustainability by usage

Demo party at eduhub days 2014?