Peppi consortium

Tuomas Orama, Jaakko Rannila, Mika Lavikainen
Content

● Peppi Core

● A Glance at the Peppi consortium

● Consortium’s Roadmap
Peppi project

● Goal
  o To create the ultimate ecosystem for HEI education management and planning

● Statistics
  o Project started 2010 and ended 2013
  o Budget over 2,8 million euros
  o Over 80 project members
  o Cooperation project of two large HEI organisations (Metropolia and TAMK)
Peppi Ecosystem

- curriculum/syllabus planning
- rule engine
- course planning
- course instance planning
- organization planning
- expense planning and budgeting
- teacher work hour planning and
- schedule planning
- communication tools
- workload handling
- material and document handling
The dawn of cooperation

- The economical situation in Finland as well as in the whole Europe has lead to a situation where funding has declined dramatically.

- This means that HEI’s need to find new ways to provide same or even better IT-services with less money.
  - Our solution to this challenge was to establish a consortium that offers some of the needed IT-solutions with shared development costs.

- The basic idea in our consortium is that new HEI’s and additional vendors can join in with minimal costs and the future development of the system is funded through annual fees gathered from the new participants.
  - This means that we are not aiming to cover initial development costs of the system but only the further development.
Peppi consortium
The Peppi consortium

- Consortium’s mission and objective is to develop systems for education, teaching and management purposes and offer development rights to the members of consortium.

- Peppi consortium is open for any institution in the education sector as well as commercial vendors.

- The aim is to enhance current systems and create additional supporting systems for the consortium.

- By joining to consortium the educational organisation obtains rights to use the systems included in Peppi consortium.
Consortium’s operational structure

- Decision making in Peppi consortium is done by the board of the consortium.
- Content workgroup includes members from educational institutions and founding members. Their assignment is to elaborate on the development roadmap for the Peppi software components and propose development plans to board of consortium.
- Technical workgroup is responsible for the architecture and technological principles of Peppi systems portfolio. They present plans and roadmaps for board decisionmaking.
Consortium’s principles (1/2)

- Consortium welcomes additional vendors and HEI’s to participate in the development.

- The fundamental principle is the technical environment consistency.

- The consortium requires that new services comply with the specified technical architecture.

- All technical solutions are based on open source products.

- All annual fees go into continuous development & delivery.
Consortium’s principles (2/2)

- Loose coupling between consortium members
- Everybody contributes, creates, innovates
- Commit members to create and develop information systems together with vendors on equal terms
- Support for open data principles
- Freedom to join and freedom to leave
Funding and dividing the costs

- In Peppi consortium principles for funding and dividing costs are based on the amount of full-time students (in HEI’s) and annual turnover related to education business-area (used in case of other vendors with private companies).

- Costs
  - Joining fee and
  - Annual fee for continuous development

- Currently funding is solely based on the annual fees

- Donations are welcome! =)
Consortium at present and in the future
State of the Consortium

- Within the first 6 months the consortium has acquired 8 new members.
  - 8 Higher education institution
  - 1 upper secondary education institution
  - 3 companies
State of the consortium

- Calculated number of students included in Peppi consortium is now after 9 months over 50,000 - Consortium target was 70,000 in two years time
- Grand total of FTE HEI students in Finland is about 300,000
Innovations

● Plugin services using Peppi’s open service interfaces (open data).
  ○ The study guide used in Helsinki Metropolia University of Applied Sciences is using only Peppi’s service interfaces. As a proof of excellence of study guide, Metropolia acquired ECTS label in 2013.

● Plugin portfolio contains
  ○ mobile service for students (Nominee for best mobile service in Finland 2013 competition)
  ○ Powerful search platform for all data in Peppi ecosystem
  ○ integration services to various 3. party systems (ie. Identity services, HR-systems, Student administration system).
Future plans

● Consortium expansion

● International expansion

● Broadening the scope of services:
  ○ Student administration
  ○ Student services
  ○ Cloud services
  ○ Reporting services
  ○ Portal services
Thank you!

Further information:  
Tuomas Orama

Peppi consortium tuomas.orama@metropolia.fi