L’Education à l’ère du logiciel libre

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Consortium Esup-Portail
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The ESUP-Portail Consortium

- Objectives
- Strategy
- Organization & Governance
- Partnership with Apereo
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Overview

- Since 2002: Project “Digital working space”
  7 years since the new organization
  => non profit structure with its own budget
- Community of French Higher Education Institutions united for Digital Innovation
- 70 members in France
- French Consortium funding and promoting international collaboration on open source projects
- About 20 conventions with the community members
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**Objectives**

- Facilitate learning and campus life for students... but also the daily work of the staff members
- Pool development of digital services to divide costs between universities
- Share technological developments and new services
- Conceive and plan for the development (or evolution) of portals, collaborative tools and mobile services
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- Wide range of projects
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- **Strategy**

  - Solutions are **open source** to enable a constant evolution of tools and services.
  - Each establishment can adapt the technological groundwork to fit its own strategy and needs.
  - Collaborate with other organizations such as Apereo, whose solutions are the basis of the ESUP projects.
  - Assure the perpetuity, the adaptability, the technological developments.
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- New technologies, Innovation
- Integrate e-learning platform, provide new pedagogical services and documentation components...
- Encourage team brainwork and sharing of experience/feedback
- Support on the standards
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Organization & Governance

9 people
(incl. Consortium Director: Alain Mayeur)
from 9 different institutions

14 people
from 12 different institutions

9 working groups
Authentication
Development
Digital desktop
ECM
Group Management
Mobility
OAE
Portal
Statistics

Countless community people
from 70(ish) member institutions
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- Gatherings:
  - 4 meetings a year
  - annual seminar for global coordination
- Support of the French Ministry of Higher Education and Research
  - evolution of digital plans and services for training, employability and academic life
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- A national cause

- Information System
- Infrastructures
- Educational Digital Resources
- Open Education
- Training Teachers
- Ministry of Higher Education
- Campus @avenir
- ENT Digital services
- Mobility

ESUP-Portail : October 2, 2015
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- **ESUP-Portail in practice**
  - 9 working groups
  - Development
    - Portlet, web mobile..
    - Trainings, Collaborative maintenance
  - GitHub
  - Contribution from universities and engineering schools
  - Lively community, encouraging debate
  - Mailing lists and Wiki
  - ESUP-Days: 2 conferences a year in Paris
    - more than 100 participants each time
    - Live streaming and recorded videos available
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- Partnership with the Apereo Foundation
  
  
  - Keep this collaboration growing by…
    - Being active contributors (participate in WGs, work on internationalization matters, etc.)
    - Taking part in the Foundation’s overall strategic decisions (incubation process, board)
    - Assisting Apereo in its European implementation
    - Promote Apereo in the French speaking world
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- Partnership with the Apereo Foundation

- Convention to formalize the involvement of the ESUP-Portail Consortium in the OAE project: Sept. 2013, renew June 2014 and June 2015

- Convention terms:
  - ESUP-Portail takes part in the strategy of the OAE project
  - ESUP-Portail contributes in funding the solution
  - The OAE and the ESUP-OAE development teams work together to provide new features
  - The ESUP-OAE team maintains the French translation of the project
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- Feb. 5-6, 2015: Joint conference
  - Apereo Europe & ESUP-Days #19 in Paris
  - Large attendance
  - Keynote Next Generation LMS
  - Never-discussed-before topics on the agenda
    - Xerte,
    - Opencast,
    - Karuta,
    - Unitime,
    - …
OAE in France

- History
- Strategy
June 2012: Creation of the ESUP-OAE WG

Objectives:

- Maintain the French version
- Organize thematic conferences to share feedbacks with other partners
- Define a strategy for implementing OAE in France, considering institutions’ needs and requirements
- Develop widgets
OAE in France - Strategy

- A big challenge...
- Workshop in Cambridge with the OAE Team
- Training Elasticsearch, nodeJS
- Hosting in University Lorraine

- A Tenant for the ESUP-community

2 objectives:
- Test OAE features, promotion
- Use cases with national or regional projects
- Give a real view of new collaborative tools
- Help us to motivate the decision to create his own tenant
OAE in France - Strategy

- Session at every ESUP-Days conference
- Activities of ESUP-OAE WG
- Thanks to Nico and Sam for the presentations in France

- Tenant for the members of ESUP-community
- New organizations, Cloud Projects, Group activities
- Pedagogical use case
Evolution du nombre d’utilisateurs
Évolution du nombre de groupes

- Sept. 14: 162
- Oct. 14: 206
- Nov. 14: 242
- Déc. 14: 269
- Janv. 15: 302
- Févr. 15: 359
- Mars 15: 428
- Avr. 15: 469
- Mai 15: 510
- Juin 15: 560
- Juil. 15: 596
- Août 15: 601
- Sept. 15: 724
French Strategy for shared developments

Two examples: AGIMUS & E-Candidat
AGIMUS – Project Presentation

Order from French Ministry of National Education & Research to Esup

Dispose a data warehouse – automatically updates - to produce use indicators on digital services related to university portals (mailing, library, on-line courses...)

- Objectives of AGIMUS:
  - Improve the quality on digital services
  - Understand & analyse the uses
  - Guide digital politics
AGIMUS – Technical Specificity

- Open software for all universities
- Low impact on IT security
- Take into account heterogeneous IT environments
- Open source development
AGIMUS – Development

ESUP executive committee

- Validate AGIMUS software
- List institutions interested in the topic, and propose a coordinating institution
- Allocate a budget

Coordinating Institution

- Share tasks: requirements definition, technical implementation, tests, …
- Share costs proposition to ESUP
- Interaction with Ministry on software functionality

ESUP Consortium

- Establish agreement between institutions (definition of actions and fundings)
- Receive fundings from Ministry
Actors of AGIMUS

- ESUP Portail
- Université de Lorraine
- Université de Lille 1 Sciences et Technologies
- Université François-Rabelais Tours
- Université Paris 1 Panthéon Sorbonne
- Université de Franche-Comté
- Université de Valenciennes et du Hainaut-Cambrésis
- Université de la Réunion
Principle of the solution

\[ \text{USERS DATABASE} = \rightleftharpoons \]
AGIMUS – Technical solution

- fichier.log
- LogStash
- Elasticsearch
- Kibana
- USERS DATABASE
Example of dashboards
AGIMUS : next steps

- Accompanying phase & dissemination
  - Workshop 12 & 13th October 2015 in Paris

- Appropriation of new technology by developpers teams

- Impact on institution governance
E-Candidat - Context

- Every year french university have to organise students selection (master, Bachelor, …)
- Softwares exist but are not sufficiently integrated to IT of universities
- Some universities have expressed the wish to share the software construction
- ESUP Executive comitee has decided to support the project
E-Candidat - Organization

- An institution in charge of needs definition: Montpellier University

- Steering committee and working group representing ESR: Toulouse, Rennes, Paris-Dauphine & Lorraine

- Institution in charge of development: Lorraine University
E-Candidat : Funding

- Esup Consortium allocate funding to the project

- Agreements with the involved institutions
E-Candidat - Results

- Solution developed jointly with scolarity specialists
- Integrated to IT security systems of institutions
- Global costs kept low
- Solution adapted to the evolutive context of universities