ESUP-Portail & OAE: Keys to success

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The ESUP-Portail Consortium

- Objectives
- Strategy
- Organization & Governance
- Partnership with Apereo
The ESUP-Portail Consortium

Overview

- Since 2002: Project “Digital working space”
  => portal of digital services (ENT in France)
- 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

- Information System
- E-learning Platform
- Collaborative Space
- ENT PORTAL of SERVICES
- Digital Desktop
- ECM
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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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- Give access to the institution’s services depending on the user's profile
- Integrate e-learning platform, provide 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
  - Digital desktop
  - Group Management
  - OAE
  - Development
  - EDM
  - Mobility
  - 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

Campus @avenir

Educational Digital Resources

Open Education

ENT Digital services

Mobility

Training Teachers

Ministry of Higher Education
ESUP-Portail in practice

- 9 working groups
- ESUP-Commons-v2
  - 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
  - #17 on Feb. 6\textsuperscript{th} 2014; #18 on Jul. 3\textsuperscript{rd} 2014
  - Live streaming and recorded videos available
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Partnership with the Apereo Foundation

- Oct. 2012: Memorandum of Understanding
- Sept. 2013: Convention to formalize the involvement of the ESUP-Portail Consortium in the OAE project

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,
    - ...

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June 2, 2015
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- July 2014: Meeting between representative of Apereo, the ESUP Consortium and the Ministry of Higher Education
- September 2014: Renew convention OAE Project
- December 2014: Renew MoU with Apereo

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
A glimpse of what we do

- Working groups: what for?
- Examples of other projects
Working groups: what for?

- Portal solution
  - *(Where the ESUP-Portail journey began…)*
  - Providing a French package of uPortal
    - Simplify configuration
    - Handle French specific needs
  - Members growing to be (somewhat) experts of uPortal
  - Helping the community to deploy this solution
    - Trainings/workshops
    - Documentations (config/deployment, best practices, …)
    - Ensure support through mailing list
Working groups: what for?

- Mobility
  - Cross-platform vs pure native vs responsive?
    - Comparative table of existing projects
    - Technological watch
      - Recommendations, best practices, …
      - Develop POCs
  - Collaborate on mobile-related topics with other working groups
    - Auth.
    - UI (Responsiveness)
Authentication

- Close interaction with the CAS Working group
- Providing the ESUP CAS-toolbox
  
  => Session dedicated to this project yesterday morning

Trying to meet new needs/demands

- Multi-factor auth.
- Mobile auth. challenges
- User account management (PWM-like solution)
  
  - Online account activation,
  - Lost pwd request,
  - …
Working groups: what for?

- Mailing/Calendar solutions
  - Share technical and functional feedbacks
  - Strong relationship with Renater
  - Contribute (or help funding) developments
    - New responsive UI of SOGo
    - Portlets (zimbra)

- Work on Unitime (?)
Working groups: what for?

- Group management
  - Helping institutions deploy Grouper
    - Documentation
    - Best practices and recommendations
    - Workshops
    - Provide support through mailing list
  - Authorization management with CAS?
Working groups: what for?

- Enterprise Document Management
  - Strong partnership with Nuxeo
    - Reduce license cost (Nuxeo Connect) for members
  - Fund/Share developments (improv., new features,...)
    - Nuxeo Drive
    - Shibboleth integration
    - Document sharing
    - ...
  - Share experiences about deployment and usage of Nuxeo
Analytics/Statistics

- Keep track of e-services usage indicators => Agimus
- Entrusted by the Ministry to produce Agimus-NG
  - Logs (+ information from LDAP, DB, …)
    => Central data repository
    => Stats/Graphs (dashboard)
- April 2015: v1.0 release

Assist institutions in deploying the solution

- Technical documentation, workshop, mailing list, …
- For commonly used applications, help generating logs “readable” by Agimus-NG
Working groups: what for?

- Programming/Development
  - Talk about programmer stuff
    - Discover new languages, frameworks, tools, …
    - Share recommendations/best practices
    - Help developers during their “coder’s block”
  - Organize trainings for the community
    - ElasticSearch, NodeJS, AngularJS
  - Help upgrading existing projects when necessary
Working groups: what for?

OAE

Feb. 2012: Beginning of
Examples of other projects

- **Portlets**
  - **esup-dining**
    - Display lists of dining halls (with served meals and nutrition information) on campus
  - **esup-filex** *(filex = file transfer system)*
    - Display list of uploaded files by the user
  - **esup-papercut** *(papercut = print management system)*
    - Display an overview of the user’s papercut account
  - **esup-filemanager**
    - Enable file management on user’s homedirs
  - **esup-crousannonces**
    - Display list of job and home/apt rental ads
  - **esup-koha** *(KOHA = integrated library system)*
    - Display patron and loans information of the user’s KOHA account
    - Enable user’s loan renewal
Examples of other projects

- Other specific applications
  - ESUP-Dematec
    - Enabling paperless job applications
  - Uniform
    - Exporting all program/course details of a university into the CDM(-fr) format (European standard)
  - P-Stage
    - Managing internship offers and conventions
  - e-Candidat
    - Online application/admission tools for (future) students
  - SMS-u
    - Tool suite for writing and sending SMS (and/or e-mails) to our users
Looking for something?

- Go take a look at our...
  - Github account
    - https://github.com/EsupPortail
  - Wiki
    - https://www.esup-portail.org/wiki
  - Catalog of existing projects (WIP)
    - https://apps.esup-portail.org
OAE in France

- History
- Strategy
- French model
- First assessment
A brief recap of our story...

- History
  - Feb. 2012: Beginning of the Nakamura translation
  - June 2012: Creation of the ESUP-OAE WG
**History**

- Feb. 2012: Beginning of the Nakamura translation
- 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
A brief recap of our story...

Sept. 2013: A convention is signed between the Apereo Foundation and ESUP-Portail
A brief recap of our story...

A brief recap of our story...

- Apr. 2014: Launch of the pilot phase
Our strategic plan

Our strategy?

“We like to keep what is ours”

…and no, it’s not (just) an ego thing
Our strategic plan

- A big challenge…
Our strategic plan

- To infinity and beyond!
The agreement
Our upgrade policy

“Perfection is not attainable, but if we chase perfection we can catch excellence.” -- Vince Lombardi
Widget dev -- How?

- Trainings in 2015
Widget dev -- How?
Widget dev -- Project #1

- Widget Notification (WIP)

![Widget Notification](image-url)
Widget dev -- Project #2

- Doodle-like feature
- A simple concept

Doodle Server

NodeJS
Cassandra

API REST

OAE Server
User interfaces:

- Creating a public Doodle
User interfaces:
- Signing up
Widget dev -- Project #2

- User interfaces:
  - User dashboard

User dashboard:

- My doodles
  - Mon second doodle
    - La description de mon super second doodle.
  - mon premier doodle
    - test

CREATE NEW DOODLE

You currently have no participation requests
## User interfaces:

- **Doodle responses**

![Doodle interface]

<table>
<thead>
<tr>
<th>User</th>
<th>Mar 6 12:00 - 14:00</th>
<th>Mar 6 14:45 - 16:45</th>
<th>Apr 7 12:00 - 14:00</th>
<th>Apr 7 14:45 - 16:45</th>
<th>Apr 8 12:00 - 14:00</th>
<th>Apr 8 14:45 - 16:45</th>
<th>May 12:00 - 14:00</th>
<th>May 14:45 - 16:45</th>
</tr>
</thead>
<tbody>
<tr>
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<td>✗</td>
<td>✔</td>
<td>✔</td>
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<td>✔</td>
<td>✗</td>
</tr>
<tr>
<td>Loulou Duck</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>
OAE adoption is growing

- Institutions are interested...
  - 9 tenants: ESUP-Portail + 8 institutions

- Univ. de La Rochelle
- Univ. de Lorraine
- Univ. de Valenciennes & du Hainaut-Cambrésis
- Univ. du Littoral Côte d'Opale
- Univ. du Maine
- Univ. du Littoral Côte d'Opale
- GIP Recia
- Univ. Jean Monnet (St-Etienne)
- ESUP-Portail community
Some key statistics

Users (all tenants)
OAE adoption is growing

Some key statistics

Groups (all tenants)

- Sept 14: 159
- Oct 14: 206
- Nov 14: 242
- Dec 14: 269
- Jan 15: 302
- Feb 15: 359
- Mar 15: 428
- Apr 15: 469
- May 15: 490
The end-users have spoken

- Feedbacks from the users
  - Survey to ask about their...
    - main usages
    - level of satisfaction
    - expectations
The end-users have spoken

Survey to ask about their usages and satisfaction

Which of the following device(s) do you use to access the OAE platform?

- Smartphone
- Tablet
- Computer

The bar chart shows the following usage percentages:
- Smartphone: 13
- Tablet: 19
- Computer: 86

The end-users have spoken

Survey to ask about their usages and satisfaction

Which of the following device(s) do you use to access the OAE platform?
The end-users have spoken

- Survey to ask about their usages and satisfaction
  - Would you say that OAE is...
    - Intuitive 😊 80%
    - Ergonomic / User-Friendly 😊 85%
The end-users have spoken

- Survey to ask about their usages and satisfaction
- How often do you use these features?

![Bar chart showing usage frequency:](chart)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Never</th>
<th>Sometimes</th>
<th>Often</th>
</tr>
</thead>
<tbody>
<tr>
<td>Editor</td>
<td>26</td>
<td>44</td>
<td>30</td>
</tr>
<tr>
<td>Groups</td>
<td>16</td>
<td>41</td>
<td>43</td>
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<tr>
<td>Folders</td>
<td>13</td>
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<td>Discussions</td>
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<td>12</td>
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<tr>
<td>Search</td>
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<td>35</td>
<td>5</td>
</tr>
<tr>
<td>Comments</td>
<td>41</td>
<td>44</td>
<td>15</td>
</tr>
</tbody>
</table>

Legend:
- Red: Never
- Blue: Sometimes
- Green: Often
The end-users have spoken

- Survey to ask about their usages and satisfaction
- Will you keep using OAE in the future?

![Survey Results]

- No (5%)
- Yes (95%)
- Yes, daily (8%)
- Yes, often (36%)
- Yes, sometimes (51%)
- No thank you! (5%)
The end-users have spoken

Survey to ask about their usages and satisfaction

Would you recommend the OAE platform to others (colleagues, fellow students, etc.)?

- 84% Yes
- 16% No
Conclusion

> ROADMAP

- Finish the widgets
- Launch phase #2
- Tutorial videos
- Ethercalc?

\!/ Have our own sandbox first!!!
That’s it folks!

Questions?

=> https://www.esup-portail.org