

First Steps in the integration of institutional and personal learning environments

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LMS vs PLE

Learning Management System



Uniform

Rationalised

Structured

Personal Learning Environment



Ad hoc

Social

user-centered

LMS vs PLE

LMS

The screenshot shows the Moodle LMS interface for 'Moodle Lille1 - Plateforme pédagogique de l'Université Lille1'. The interface is structured with a sidebar on the left containing navigation menus for 'Personnes', 'Activités', 'Recherche forums', 'Administration', and 'Mes cours'. The main content area, titled 'Aperçu des sections', lists seven course sections with their respective topics and document counts.

- Closed & static
- Limited access

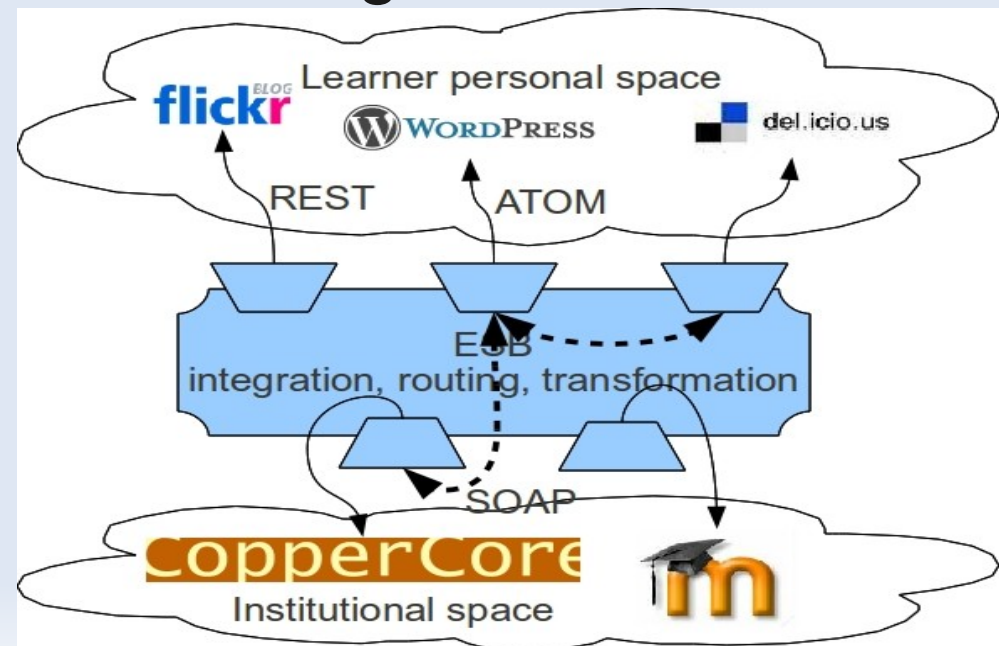
Service Mashup

This image displays a large collection of logos for various web services and applications, illustrating a 'Service Mashup'. The logos include well-known brands like YouTube, Facebook, and Twitter, alongside many smaller, niche services such as Zimbra, Flickr, and various social networking and productivity tools.

The screenshot shows a Google search page with the search bar and several search results. The results include news items from 'TeLearn news' and 'UNIX Garden', as well as a 'Quadruplay.fr' advertisement. The interface is clean and modern, typical of a web browser from the early 2000s.

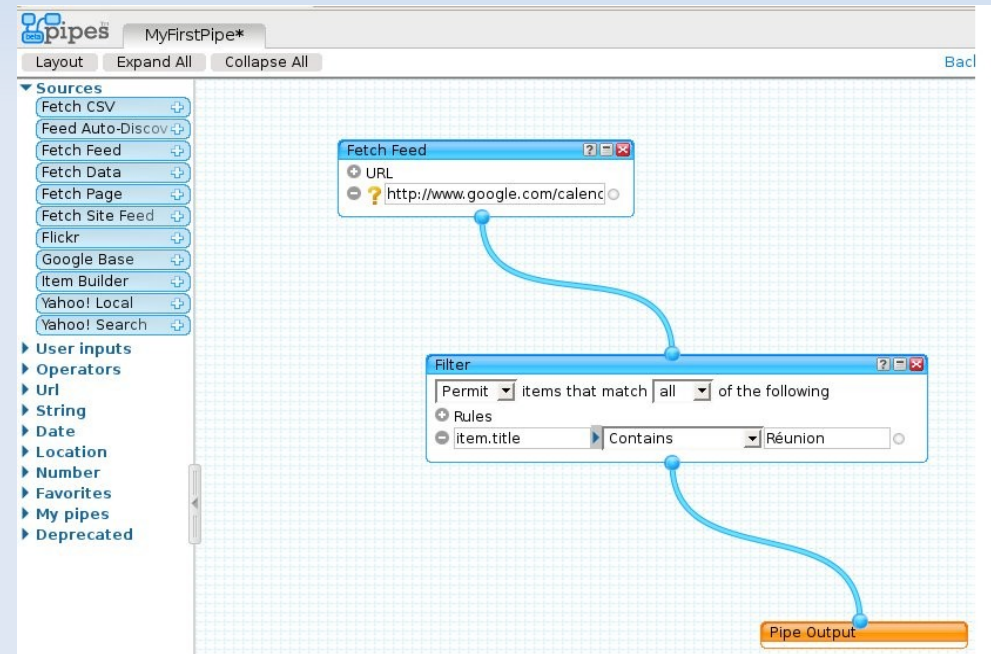
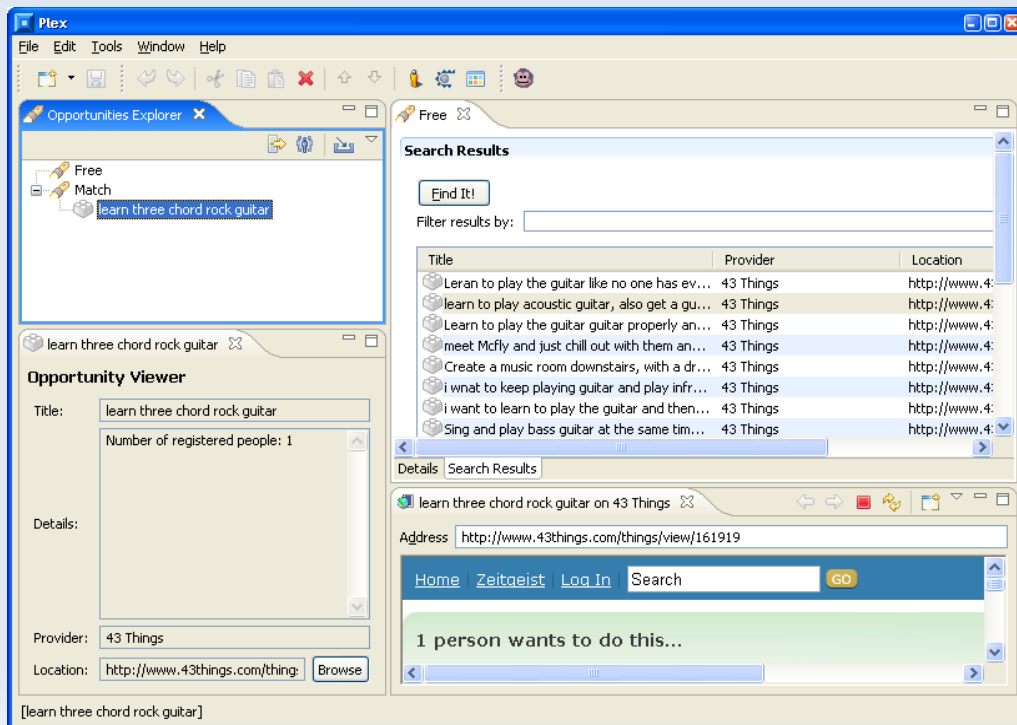
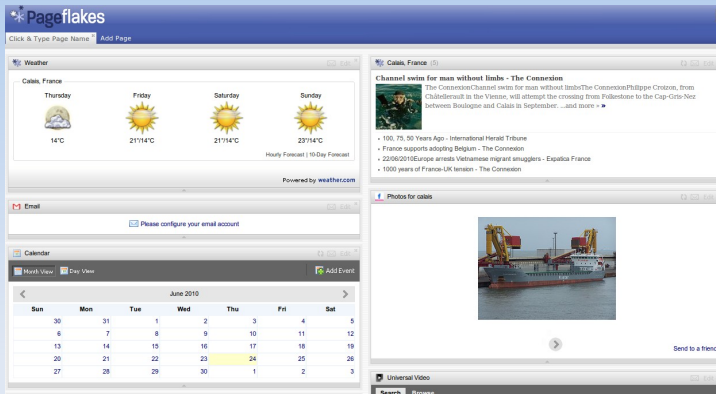
Research focus

- How to conciliate "formal" learning objectives and freedom of learning services
 - Structuring learning activities
 - Building an ad hoc learning environment
 - Enable collaboration and monitoring



Integration & aggregation

- REST
- RSS, ATOM & ATOM Publishing Protocol
- OpenID & Oauth
- FOAF, OPML...



Perspective

- Prototype extension (new services, LMS integration)
- Integration patterns according to learning activities
- Use of semantic data

