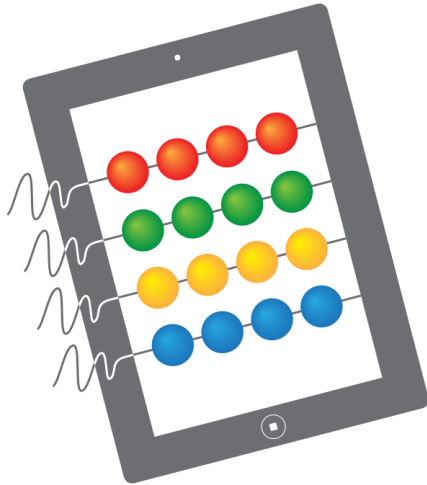




FP7 ICT STREP Project



LEARN PAd

Deliverable D9.5

Technology-oriented Learn PAd whitepaper

First version

<http://www.learnpad.eu>



LINAGORA



No Magic Europe

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Fachhochschule
Nordwestschweiz



*WIKI



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Abstract

Provides a technology oriented overview of Learn PAd that is targeted to readers from research and software vendor communities with a goal to build interest in adopting Learn PAd concepts in further research and integrating technological components in external e-learning, modelling and middleware software applications.

Keyword List

platform, white paper

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1 E-Learning and Knowledge Management of processes in Public Administration

In modern society public administrations (PAs) are undergoing a transformation of their perceived role from controllers to proactive service providers, and are under pressure to constantly improve their service quality while coping with quickly changing context (changes in law and regulations, societal globalization, fast technology evolution) and decreasing budgets. Civil servants are challenged to understand and put in action latest procedures and rules within tight time constraints.

Learn PAd is an innovative holistic e-learning platform for PAs that enables process-driven learning and fosters cooperation and knowledge-sharing. Learn PAd technical innovation is based on four pillars:

- 1) a new concept of model-based e-learning (both process and knowledge)
- 2) open and collaborative e-learning content management
- 3) automatic, learner-specific and collaborative content quality assessment
- 4) automatic model-driven simulation-based learning and testing

2 Public Administration is already using it

State-of-the-art about existing technologies on these topics. Half a page/a page.

3 Needed features for adoption in Public Administration

What are the problems of existing tools and what Learn PAd is trying to address.

- new-comers
- learning of processes
- centralization of the documentation
- continuous and collaborative maintenance of the knowledge

4 Learn PAd platform: solutions and technologies

Macro description of Learn PAd platform, what are the elements, the workflow in it and the technologies used. Need some graphic (UML?) to describe the platform.

Here is a list of technologies we should address:

- EMF: transformations of model
- Adoxx/MagicDraw: Modeling tools
- Ontology: Recommendation capability
- Model verification: PetriNET?
- Content Analysis: have to ask about the technology

The goal is not to enter to much details but explains in which context and for what feature these technologies are used, then mention the name of the technologie and the specificities (benefit/drawbacks) of it.

5 Partners

List of partners with a small paragraph that explain domain of expertise.

Bibliography