

Pedagogically sustained Adaptive LEarning
Through the exploitation of
Tacit and Explicit knowledge



Communities of practice The PALETTE European Project

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<http://palette.ercim.org>

IP/FP6-2004-IST-4



Communities of practice

- PALETTE addresses the needs of Communities of Practice (CoPs)



“Communities of practice are groups of people who share a concern or a passion for something they do and learn how to do it better as they interact regularly.”

Etienne Wenger



Communities of practice

Community

Volunteers

Common concern

Roles: assigned/ emergent

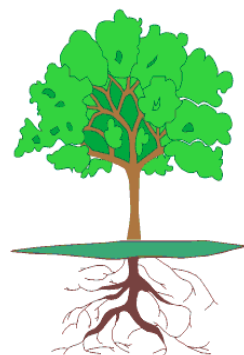


Domain

Knowledge is

explicit & tacit

individual & shared



Practices

Data

Tools

Common approaches





Palette consortium



Administrative Coordination

Scientific Coordination

R&D partners

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- **UNIFR (CH)**
University of Fribourg
- **ULG (BE)**
University of Liège
- **AESCRA EM Lyon (FR)**
Association de l'enseignement supérieur Commercial Rhône Alpes
- **GATE-cnrs (FR)**
University Lyon 2
- **CSET (UK)**
Lancaster University

- **INRIA (FR)**

Institut National de Recherche en Informatique et Automatique

- **EPFL (CH)**

Ecole Polytechnique Fédérale de Lausanne

- **CTI (GR)**

Research Academic Computer Technology Institute

- **CRP-HT (LU)**

Centre de Recherche Public Henri Tudor

- **UT (DZ)**

University of Tlemcen

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Users and companies

- **ePrep (FR)** TIC & Ecoles préparatoires
- **MindOnSite (CH)** Integral Coaching
- **NISAI (UK)** Support IT Ltd.

Associated to the project

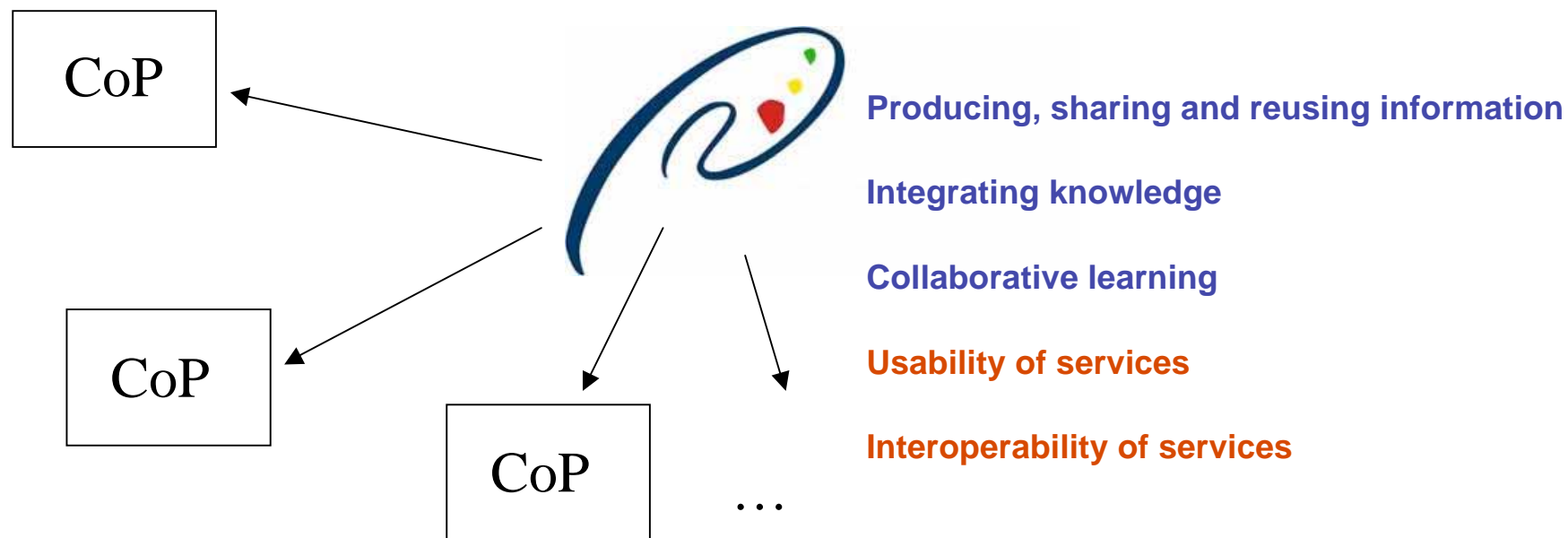
- **LICEF (CA)** Télé-Université Québec





PALETTE in brief

Provide a set of services to sustain CoPs activities



... exploiting explicit and tacit knowledge



Palette of services

Information services

- Production of multimedia documents
- Reuse of structured information
- ...

Producing, sharing and reusing information

Knowledge management services

- Ontologies management
- Domain specific ontologies building
- ...

Integrating knowledge

Collaborative learning

Usability of services

Interoperability of services


Collaboration services

- Support to argumentation
- Support to awareness
- ...



Usability


<http://www.worldusabilityday.org/>




Who said users don't matter?


World Usability Day promotes the value of usability, user centered design, and your right to have things that work better.


To find out more and see what's happening in your city on November 14th, go to www.worldusabilityday.org.


 **World Usability Day 2006**
14 November 2006 • Making life easy!


 **upa**
www.upa.org


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MAKING IT REAL


 **different**


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 **TechSmith**

 **usability**

 **WESTER SHANDWICK**

Supporting organisations

HFES - Human Factors and Ergonomics Society IEC - Society of Technical Communication UEN - User Experience Network



Interoperability

- Example: debate about a practice
 - Use of a tool to support argumentation
 - + ...
 - Information retrieval (Google, bookmarks, etc.)
 - Cut&Paste (from different applications: Word, HTML, PDF, etc.)
 - Classifying the information
 - Combined use of tools
 - Argumentation support tool may invoke ontologies service (relevance of information)
 - Reusability service (more efficient than cut&paste)
 - The awareness tool keep trace of actions in context (support to organization)



Palette portal (a way to access services)

The screenshot displays the Palette portal interface with several widgets:

- Widget: e-learning catalog:** A 'CATALOG' with a 'Module list' and 'Graphical view' tabs. It lists 'PALETTE Trainings' including Summer School 2006, AMAYA Training, The Communities of Practitioners, CoP and Professional Development in Higher Education, and CoP's day.
- Widget: VideoPlayer:** Displays a video titled 'EIAH 2007 : International Workshop on June 26th, 2007' with a video player interface and a list of 'Related Videos'.
- Widget: BayFac Search:** A search bar with a 'Search' button.
- Widget: Palette Widget Categories:** A list of categories including Accessories, Activities, Awareness, Beta, Communication, Discussions, Documents, Entertainment, and News.
- Widget: Generis Hypergraph:** A network diagram with nodes and edges, labeled 'HyperGraph'.
- Widget: Palette Widget Tag Cloud:** A tag cloud with terms like 'activities', 'communication', 'bayfac', 'chat', 'clock', 'date', and 'document'.



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