

Project no. FP6-028038

## **PALETTE**

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

Instrument: Integrated Project

Thematic Priority: Technology-enhanced learning

### **D.DIS.07 – PALETTE Draft Exploitation Plan**

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**Responsible Partner:** UNIFR and CTI

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## Summary

The deliverable reports on the draft exploitation plan for the PALETTE Services. The first part of the report focus on a compact description of the various PALETTE Services. The second part presents the methodology for establishing the exploitation plan. Finally, the third part describes the preliminary results of this investigation.

The content of this deliverable is related to the upcoming D.MAN.08 Open Source Strategy Deliverable. As a matter of fact, PALETTE will probably be used as a "use case" by the European project QualiPSo whose study is about open source.

## 1 PALETTE Services

### 1.1 Classification

The PALETTE Services can be classified in 3 categories: Collaboration Services, Knowledge Management Services and Information Services. In this chapter we analyze the Services by category. We pay special attention to the way they can be accessed and by whom these Services can be used.

On the Collaboration Services category we find e-Logbook (EPFL) and CoPe\_it! (CTI). Both of them can be accessed through a Web Portal and Web Services. Both services offer Guest access.

SeWeSe (INRIA), Corese (INRIA), SweetWiki (INRIA), BayFac (CRP Henri Tudor) and Generis (CRP Henri Tudor) are part of the Knowledge Management Services category.

SeWeSe and Corese are not directly accessible by end-users. Corese is however used by SeWeSe. Only SweetWiki and BayFac can be accessed through a Web Portal and Web Services. However, neither of them provides Guest access.

On the Information Services category we find DocReuse (EPFL), Amaya (INRIA) and LimSee3 (INRIA) Services. DocReuse can be accessed through a Web Portal and Web Services. It is necessary to download Amaya and LimSee3 in order to use them.

The PALETTE Service Portal (CRP Henri Tudor) can be accessed through a Web Portal and Web Services.

These details are summarized in the next table.

Service Name	Category	Partner	Mediator & Developer	Website	Type	Guest account
e-Logbook	Collaboration	EPFL	Denis Gillet Sandy El Helou	<a href="http://elogbook.epfl.ch/">http://elogbook.epfl.ch/</a>	Web portal Web service	Yes
CoPe_it!	Collaboration	CTI	Manolis Tzagarakis Nikos Karacapilidis CTI development team	<a href="http://copeit.cti.gr/">http://copeit.cti.gr/</a>	Web portal Web service	Yes
SeWeSe	Knowledge Management	INRIA	Adil El Ghali Fabien Gandon Priscille Durville	<a href="http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=SeWeSe">http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=SeWeSe</a>	Not directly used by CoPs	
Corese	Knowledge Management	INRIA	Olivier Corby Rose Dieng-Kuntz	<a href="http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=Corese">http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=Corese</a>	Used by SeWeSe	
SweetWiki	Knowledge Management	INRIA	Adil El Ghali Michel Buffa	<a href="http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=SweetWiki">http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=SweetWiki</a>	Web portal Web Service	Possibility to play in the sandbox
BayFac	Knowledge Management	CRP-HT	Jean-David Labails	<a href="http://www.palette.tudor.lu/wiki/doku.php/bayfac">http://www.palette.tudor.lu/wiki/doku.php/bayfac</a>	Web portal Web service (in the future)	Not for the moment
Generis	Knowledge Management	CRP-HT	Jean-David Labails	<a href="http://www.palette.tudor.lu/wiki/doku.php/generis">http://www.palette.tudor.lu/wiki/doku.php/generis</a>		
DocReuse	Information	UNIFR & EPFL	Aida Boukottaya	<a href="http://docreuse.epfl.ch/">http://docreuse.epfl.ch/</a>	Web portal Web service	Yes
Amaya	Information	INRIA	Irène Vatton	<a href="http://www.w3.org/Amaya/">http://www.w3.org/Amaya/</a>	Download it	N/A
LimSee3	Information	INRIA	Jan Mikáč	<a href="http://limsee3.gforge.inria.fr/public-site/">http://limsee3.gforge.inria.fr/public-site/</a>	Download it	N/A
PALETTE Service Portal		CRP-HT	Alain Vagner	<a href="http://sim.tudor.lu/portal">http://sim.tudor.lu/portal</a>	Web portal Web service	N/A

**Table 1:** Classification and details regarding the PALETTE Services.

Additional information can be found on the mediator page:

<http://argentera.inria.fr/swikipalette/data/Mediators/MediatorsHome.jsp>

and on the palette Web Site

<http://palette.ercim.org/content/view/13/30/>

## 1.2 Description of the PALETTE Services

Detailed information regarding the PALETTE Services is given in this Chapter. The services are classified in the three aforementioned groups: Collaboration Services, Knowledge Management Services and Information Services.

### 1.2.1 Collaboration Services

#### *e-Logbook (EPFL)*

- *People in charge:* Denis Gillet ([denis.gillet@epfl.ch](mailto:denis.gillet@epfl.ch))  
Sandy El Helou ([sandy.elhelou@epfl.ch](mailto:sandy.elhelou@epfl.ch))
- *Web site:* <http://elogbook.epfl.ch/>
- *Description:* e-Logbook is a collaborative Web-based environment offering mediation & awareness services to communities of practice. It consists of an activity-oriented shared space where members can manipulate stored assets.
- *Summary:* collaborate, share and be aware!
- *How to use it:* Web portal, Web services
- *Components:* Developed in Ruby on Rails.  
External components:
  - MySQL 5: data base
  - Postfix 2.4.1: mail server for sending emails
  - Getmail 4.7.3: mail server for getting emails
- *Guest account:* yes



- *Logo:*

#### *CoPe\_it! (CTI)*

- *People in charge:* Manolis Tzagarakis ([tzagara@cti.gr](mailto:tzagara@cti.gr))  
Nikos Karacapilidis ([karacap@cti.gr](mailto:karacap@cti.gr))
- *Web site:* <http://copeit.cti.gr/>
- *Description:* CoPe\_it! is a Web-based system that attempts to assist and augment collaboration being held among members of Communities of Practice by facilitating the creation, leveraging and utilization of the relevant knowledge. The system follows an argumentative reasoning approach, which complies with collaborative principles and practices.

- *Summary:* Collaborate by sharing opinions and resources in private or public community workspaces. A scalable approach has been followed to accommodate the diversity of users' requests. Features and functionalities offered range from merely human-understandable to machine-interpretable ones. Sensible conclusions can be produced by exploiting the diverse views of a workspace.
- *How to use it:* Web portal, Web services
- *Components:* The following software products are needed for installing and running CoPe\_it!:
  - Internet Information Server (IIS)
  - Microsoft .NET Framework 3.0
  - Microsoft SQL Server 2005 Purpose
  - TIBCO General Interface v3.4.1 Purpose
  - Script.aculo.us v1.7.0 Purpose
- *Guest account:* yes



- *Logo:*

## 1.2.2 Knowledge Management Services

### *SeWeSe (INRIA)*

- *People in charge:* Adil El Ghali ([adil.elghali@sophia.inria.fr](mailto:adil.elghali@sophia.inria.fr)) mediator  
Fabien Gandon ([Fabien.Gandon@sophia.inria.fr](mailto:Fabien.Gandon@sophia.inria.fr))  
Priscille Durville ([Priscille.Durville@sophia.inria.fr](mailto:Priscille.Durville@sophia.inria.fr))  
Contact the currently working team ([sewese@lists-sop.inria.fr](mailto:sewese@lists-sop.inria.fr))
- *Web site:* <http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=SeWeSe>  
<http://argentera.inria.fr/swikipalette/data/Mediators/SeWeSe.jsp>
- *Description:* SeWeSe (Semantic Web Server) is a JSP/Servlet environment built upon Corese engine to provide a set of primitives to build interfaces for queries, edition and navigation, and for the management of the transverse functions of a portal (presentation, internationalization, security, etc.). An ontology editor, a generic annotation editor and a basic rule editor are parts of the SeWeSe platform. The main purpose of SeWeSe is to integrate recurrent semantic Web operations (e.g. perform a SPARQL Query, transform a result binding in a given view) in classic Web technologies (e.g. JSP pages, servlet calls).
- *Summary:* The goal of SeWeSe is to provide reusable, configurable and extensible primitives and components in order to reduce the amount of time spent to develop new semantic Web applications.

- *How to use it:* Corese/SeWeSe can be used in two different ways depending on the nature of the application that use it:
  - *Java Library/JSP taglib (semtags)* To be used in a Java application/JSP Webapp, the semtags allow developers to use (and work with) RDF/S and OWL ontologies and annotations in their Java applications/JSP pages.
  - *Web services (semservices)* Most of the functionalities are provided as SOAP Web services.

The **CoPs do not use directly these services**, they are dedicated to PALETTE developers who need to add KM capabilities to their services, or to address interoperability issues between KM services and other services.

- *Components:* SeWeSe is a Java 5 application. It has to be deployed under Tomcat 5.5.x and uses Servlet API 2.4, JSP 2.0 and the standard JSP Tag library 1.1.2. SeWeSe uses some open source libraries:
  - XSLT engine Xalan 2.7.0
  - The logging library Log4j 1.2.12
  - The workflow library of Opensymphony (OSWokflow 2.8.0)
  - The file upload library of Apache (commons-fileupload 1.1.1)
  - Javax.mail 1.4 and javax activation 1.1
- *Guest account:* No, because it is not used directly by CoPs.

### **Corese (INRIA)**

- *People in charge:* Olivier Corby ([Olivier.Corby@sophia.inria.fr](mailto:Olivier.Corby@sophia.inria.fr))  
Rose Dieng-Kuntz ([Rose.Dieng@inria.fr](mailto:Rose.Dieng@inria.fr))  
Contact the currently working team ([corese@lists-sop.inria.fr](mailto:corese@lists-sop.inria.fr))
- *Web site:* <http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=Corese>
- *Description:* Corese (COnceptual REsource Search Engine) is an RDF engine based on Conceptual Graphs (CG). It enables the processing of RDF and OWL Schemas and RDF statements relying on a CG formalism. It can perform a SPARQL Queries and rules over the base of RDF. Corese is used in SeWeSe to provide a framework to develop semantic Web applications.
- *Summary:* a semantic Web search engine based on Conceptual Graphs.
- *How to use it:* Corese is used by SeWeSe.
- *Guest account:* No, because it is not used directly by CoPs.

**SweetWiki (INRIA)**

- *People in charge:* Adil El Ghali ([adil.elghali@sophia.inria.fr](mailto:adil.elghali@sophia.inria.fr)) mediator  
Michel Buffa ([Michel.Buffa@sophia.inria.fr](mailto:Michel.Buffa@sophia.inria.fr))  
Fabien Gandon ([Fabien.Gandon@sophia.inria.fr](mailto:Fabien.Gandon@sophia.inria.fr))
- *Web site:* <http://www-sop.inria.fr/edelweiss/wiki/wakka.php?wiki=SweetWiki>  
<http://argentera.inria.fr/wiki/>  
<http://argentera.inria.fr/swikipalette/data/Mediators/SweetWiki.jsp>
- *Description:* SweetWiki (Semantic WEb Enabled Technology Wiki) is a new wiki engine written in java. It has been developed around the semantic Web technologies by researchers from the Acacia research group at INRIA and from the Mainline research group at the I3S laboratory.
- *Summary:* Semantic Web Enabled Wiki. Edit Wiki pages and tag them with keywords, and we will organize them for you in an ease way!
- *How to use it:* Web portal, Web services
- *Components:* Written in java, JavaServerPages (JSP) based. Tested with the J2EE server Tomcat 5.5.x.
- *Guest account:* Possibility to play in the SandBox. Otherwise, an account has to be created.
- *Logo:* The logo for Sweet Wiki features the word "Sweet" in a red, rounded font above the word "Wiki" in a similar font. To the right of the text is a stylized orange oval shape.

**BayFac (CRP Henri Tudor)**

- *People in charge:* Jean-David Labails ([jean-david.labails@tudor.lu](mailto:jean-david.labails@tudor.lu))
- *Web site:* <http://www.palette.tudor.lu/wiki/doku.php/bayfac>  
Example: <http://sim.tudor.lu/exampleBayFac/index.php/Search/SearchDomain?domainName=Document>
- *Description:* This BayFac service aims at providing a mean to semi-automatically index textual documents (documents, emails, forum posts, wiki pages, blog posts, etc.) regarding a vector of concepts relevant to a CoP, hence allowing classification according to multiple facets. The benefits for the users are to have incoming documents automatically classified according to known useful categories, and to be able to search information in a more efficient manner thanks to this indexation.
- *How to use it:* the service is deployed on a Generis platform and made available to the external world in the forms of a Web portal allowing browsing and search through the documents (knowledge) base, manual and automatic classification, all using the facets. In the next release, a Web service access will be provided.

- *Guest account:* Not for the moment.

Research and classification service, personalized for each CoP. In the future, planned to open it to everybody.

### ***Generis (CRP Henri Tudor)***

- *People in charge:* Jean-David Labails ([jean-david.labails@tudor.lu](mailto:jean-david.labails@tudor.lu))
- *Web site:* <http://www.palette.tudor.lu/wiki/doku.php/generis>
- *Description:* Generis is a knowledge management tool working as a Web platform treating knowledge as information within some context. It is an ontology server able to work in a distributed way. Generis allows collaborative creation, edition and management of models representing the concepts of a particular domain as well as relations between these concepts and annotations of Web resources according to these concepts and relations.
- *How to use it:* Generis may be accessed using three different interfaces provided consisting in a Graphical User Interface (GUI), an Application Programming Interface (API), and a series of Web Services (WS).
- *Components:* MySQL, Apache server

- *Logo:* 

## **1.2.3 Information Services**

### ***DocReuse (UNIFR & EPFL)***

- *People in charge:* Aida Boukottaya ([aida.boukottaya@epfl.ch](mailto:aida.boukottaya@epfl.ch))  
Stéphane Sire ([stephane.sire@epfl.ch](mailto:stephane.sire@epfl.ch))
- *Web site:* <http://docreuse.epfl.ch/>
- *Description:* DocReuse (Document Reuse) is a tool enabling the semi-automatic reuse of structured documents. In our work, document reuse is the problem of restructuring existing documents initially structured for a given purpose to be used in a different context, thus improving reusability and information sharing between communities of practice.
- *How to use it:* Web portal, Web services
- *Summary:* Simplify and automate your work, Save time Reusing documents.

- *Components:* Developed in Ruby on Rails
- *Guest account:* Yes

- *Logo:* 

### *Amaya (INRIA)*

- *People in charge:* Irène Vatton ([Irene.Vatton@inria.fr](mailto:Irene.Vatton@inria.fr))  
Vincent Quint ([Vincent.Quint@inria.fr](mailto:Vincent.Quint@inria.fr))
- *Web site:* <http://www.w3.org/Amaya/>
- *Description:* Amaya is a Web editor, i.e. a tool used to create and update documents directly on the Web. Browsing features are seamlessly integrated with the editing and remote access features in a uniform environment. This follows the original vision of the Web as a space for collaboration and not just a one-way publishing medium.
- *How to use it:* You have to download to use it. Once installed, it is executed in the client's computer.
- *Guest account:* No. It is necessary to download it to use it. On the Web page we can find some snapshots.

- *Logo:* 

### *LimSee3 (INRIA)*

- *People in charge:* Jan Mikáč ([Jan.Mikac@inria.fr](mailto:Jan.Mikac@inria.fr)) technical contact  
Cécile Roisin ([Cecile.Roisin@inria.fr](mailto:Cecile.Roisin@inria.fr)) scientific contact  
Vincent Quint ([Vincent.Quint@inria.fr](mailto:Vincent.Quint@inria.fr))
- *Web site:* <http://limsee3.gforge.inria.fr/public-site/>
- *Description:* LimSee3 is a multimedia authoring tool that aims at flexibility and easiness of use through extensive use of document templates and a customizable user interface. It is based on a new document model that allows multimedia documents to be published in various Web-based standards.
- *How to use it:* You have to download it and install it.
- *Components:* developed in Java.
- *Guest account:* No. It is necessary to download it for using it, but anyone can download it.

#### 1.2.4 PALETTE Services Portal

- *People in charge:* Alain Vagner ([alain.vagner@tudor.lu](mailto:alain.vagner@tudor.lu))
- *Web site:* <http://sim.tudor.lu/portal>
- *Description:* Through the Web portal, users are provided with a way of customizing access to PALETTE services by adding and removing PALETTE widgets, i.e. small Web applications that provide a summarized view and an access to current tools used by CoP members.
- *Summary:* Customize access to PALETTE services by adding and removing PALETTE widgets.
- *How to use it:* Web portal, Web service
- *Guest account:* No. For the moment, we need to create an account in order to use it.

## 2 Methodology to draft the exploitation plan

For establishing the draft exploitation plan, a questionnaire has first been drafted in the WP7 framework. It was then presented at the General Assembly in Lyon, December 19-21, 2007, and circulated again between January 10 and 18 for fine-tuning. The final version was presented at the Steering Committee in Paris, January 21, 2008. It was decided to publish the questionnaire online for helping in further results analysis. The questionnaire was made available online for one month on February 1st, 2008, to the concerned project partners, i.e. service mediators, CoP mediators, and commercial partners as detailed below:

<b>Service Mediators</b>	
- e-Logbook	Sandy Helou
- CoPe_it !	Manolis Tzagarakis
- SeWeSe	Fabien Gandon
- Corese	Adil El Galhi
- SweetWiki	Adil El Galhi
- BayFac	Jean-David Labails
- Generis	Patrick Plichart
- Amaya	Irene Vatton
- LimSee3	Jan Mikac
- DocReuse	Aida Boukottaya
- PALETTE Web Portal	Alain Vagner
<b>CoP Mediators</b>	
- ADIRA	Liliane Esnault
- APCdE	Liliane Esnault
- ARADEL	Liliane Esnault
- Centre des entrepreneurs	Naima Cherchem
- @pretic	Stéphane Rieppi
- Did@cTIC	Annick Rossier
- ePrep	Nathalie Van de Wiele
- FORM@HETICE	Arnaud Milstein
- Learn-Nett	Amaury Daele
- TFT	Étienne Vandeput and Klara Grudzien
- CoP e-Learning	Stéphane Jacquemart
<b>Commercial partners</b>	
- MindOnSite	Elodie Primo
- Nisaiï	Dhruv Patel

The questionnaire was organized in three pages, one for each target representative, i.e., services mediators, CoP mediators, and commercial partners. The answers correspond to their visions and expectations for after the project. These three pages are illustrated below.



**PALETTE - QUESTIONNAIRE WP 7**

A SERVICE PROVIDED BY KIS

EPFL > LA > PALETTE - Questionnaire WP 7

  

**Questionnaire for the Draft Exploitation Plan - WP7**

This questionnaire is useful for the Draft Exploitation Plan in the framework of PALETTE project, WP7.

The questionnaire has 3 main parts : one for commercial partners (page 1), one for service mediators (page 2), and one for CoP mediators (page 3). Please answer only one part depending on your status. Thanks.

We need answers only from one representative for each service, one representative for each CoP, and one representative for each commercial partner.

NOTE : Please save your answers if needed, the confirmation eMail does not involve answers. \* mandatory field

1 | 2 | 3

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**Personal Information**  
Please fill these fields before sending your answers

<b>First Name</b>	<input type="text"/>
<b>Last Name</b>	<input type="text"/>
<b>eMail</b>	<input type="text"/>
<b>Phone</b>	<input type="text"/>

  

**Part I - Questionnaire for commercial partners**  
(If not applicable, please go to next pages)

**Please select your institution**  
(If not applicable, please go to the next page)

**Commercial Partner** Not Applicable ▾

**Which Palette services (Web or downloadable applications) would you integrate in your products or service portfolio ? Please detail any critical decision factors.**

[Go to next page](#)

1 | 2 | 3

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**Figure 1:** First page of the questionnaire dedicated to commercial partners.

**Part II - Questionnaire for Service Mediators**  
(If not applicable, please go to next pages)

**Please select your service**  
(If not applicable, please go to the next page)

**Service** Not Applicable ▾

This part of the questionnaire deals with the current state (during the Palette project).

**Currently your service is available for end users as :**  
(check more than one if applicable)

<b>Web service</b>	<input type="checkbox"/>
<b>Downloadable application</b>	<input type="checkbox"/>
<b>Others</b>	<input type="checkbox"/>

If others :

**Currently your service is available to other services as**  
(check more than one if applicable)

<b>Web services</b>	<input type="checkbox"/>
<b>API</b>	<input type="checkbox"/>
<b>Others</b>	<input type="checkbox"/>

If others :

**Currently your service is accessible for registered Palette members :**

<b>For free</b>	<input type="checkbox"/>
<b>For subscription</b>	<input type="checkbox"/>
<b>Others</b>	<input type="checkbox"/>

If others :

**Currently your service is accessible for registered CoP members :**

<b>For free</b>	<input type="checkbox"/>
<b>For suscription</b>	<input type="checkbox"/>
<b>Others</b>	<input type="checkbox"/>

If others :

**Figure 2:** Second page of the questionnaire dedicated to Service Mediators (1/3).

Currently your service is accessible for external users	For free	<input type="checkbox"/>
	For suscription	<input type="checkbox"/>
	Others	<input type="checkbox"/>
If others :		
<input type="text"/>		
Currently your service is accessible freely for guests :	Yes	<input type="checkbox"/>
	No	<input type="checkbox"/>
Currently your service relies on :	Other Palette services	<input type="checkbox"/>
	Other non Palette services	<input type="checkbox"/>
<input type="checkbox"/> Currently do you have other source of funding to support your development :	Yes	<input type="checkbox"/>
	No	<input type="checkbox"/>
If yes, please indicate source and pourcentage ( ... % , from ... )		
<input type="text"/>		
This part of the questionnaire deals with future state (after the end of Palette project).		
In the future your service will be available to end users as : (check more than one if applicable)	Web service	<input type="checkbox"/>
	Downloadable application	<input type="checkbox"/>
	Others	<input type="checkbox"/>
If others :		
<input type="text"/>		
In the future your service will be available to other services as : (check more than one if applicable)	Web services	<input type="checkbox"/>
	API	<input type="checkbox"/>
	Others	<input type="checkbox"/>
If others :		
<input type="text"/>		
In the future your service will be accessible for registered members affiliated to new projects :	For free	<input type="checkbox"/>
	For subscription	<input type="checkbox"/>
	Others	<input type="checkbox"/>
If others :		
<input type="text"/>		
In the future your service will be accessible for registered members of CoPs affiliated to new projects :	For free	<input type="checkbox"/>
	For subscription	<input type="checkbox"/>
	Others	<input type="checkbox"/>
If others :		
<input type="text"/>		
In the future your service will be accessible for registered external users :	For free	<input type="checkbox"/>
	For subscription	<input type="checkbox"/>
	Others	<input type="checkbox"/>
If others :		
<input type="text"/>		
In the future your service will be accessible for registered external users :	For free	<input type="checkbox"/>
	For subscription	<input type="checkbox"/>
	Others	<input type="checkbox"/>
If others :		
<input type="text"/>		
In the future, your service will be accessible freely for guests :	Yes	<input type="checkbox"/>
	No	<input type="checkbox"/>
In the future your service will rely on :	Other Palette services	<input type="checkbox"/>
	Other non Palette services	<input type="checkbox"/>
In the future do you expect to apply /have other source of funding to support your development :	Yes	<input type="checkbox"/>
	No	<input type="checkbox"/>
If Yes, please indicate source and pourcentage ( ... % , from ... )		
<input type="text"/>		

Figure 3: Second page of the questionnaire dedicated to Service Mediators (2/3).

This part of the questionnaire deals with your business plan for the sustainability of your service.

**Describe your general strategy (10 lines, max)**

**Describe your Business Model and targeted public / Customers (10 lines, max)**

**Describe your risk analysis (10 lines, max)**

[Go to next page](#)

**Figure 4:** Second page of the questionnaire dedicated to Service Mediators (3/3).

**Part III - Questionnaire for CoP mediators**

Please select your CoP (if not applicable, please skip this page) **CoP**

**Which Palette services (Web or downloadable applications) do you use now ?**

**Which non-Palette services do you use now ?**

**Which Palette services (Web or downloadable applications) would you use in the future (i.e. after the end of the project) ? Please detail any critical decision factors.**

**Which non-Palette services would you use in the future ? Please detail any critical decision factors.**

[Send](#)

**Figure 5:** Third page of the questionnaire dedicated to CoP mediators.

### 3 Draft Exploitation plan

The draft exploitation plan described in this Chapter relies on the raw data extracted from the questionnaire. Its reification and the final integrated plan will be provided in the Final Exploitation plan.

#### 3.1 Commercial partners

The feedback from the PALETTE commercial partners is essential to give PALETTE Service providers a market-oriented view to consolidate their exploitation plan and developers with cues to concentrate on added-value features. The feedback from MindOnSite and Nisaï is given below.

##### MindOnSite

*PALETTE Services to be integrated:* MindOnSite (MOS) is interested in additional Web services to integrate in the MOS Chorus Learning Content Management System. MOS is especially interested in the Collaboration Services category. On the synoptic table of tools and services, we noticed the following tasks:

- Sharing resources
- Discussion
- Notification of the development of a project

Two applications have implemented services to answer these needs: CoPe\_it! and e-Logbook.

CoPe\_it! is an online mediation service, including support for collective argumentation and decision making. It supports three kinds of tasks: Debating about a subject, topic, theme; Identifying and solving a problem; Managing a project. It integrates three kinds of objects with iconic representations: Ideas; Notes; Comments. Resources of different natures: a text, an image, a video... of any format. Links to visualize the discussion as a set of interventions in a Desktop View (informal), a Formal view and a Time-ordered view.

Intuitive and innovative application, e-Logbook is a virtual office in a collaborative environment which offers: activity or task management; asset repository, a system of archives where the user can place all sorts of assets; an events logging service; management of user profiles and notification preferences; awareness services. The main advantage of the service lies in the awareness services enabling to support the collaboration and coordination between the members of a community.

*General strategy:* We would present the services like additional free tools that can be integrated as Web services in our e-Learning platform. The strategy to introduce the tool is to create an e-Learning content developers CoP among our customers. We intend to present the tools during a face-to-face event in May. The services will be used by the CoP and we will ask for feedback on experience and validation.

*Business model:* Our goal is to build e-Learning content developers CoPs and to provide them with free additional tools. Our customers do not usually use open source software for their business. MOS will start to use the services "externally". The services will be available on MOS Internet server for the CoPs. First targets are worldwide companies with a large community of e-Learning content developers. Nestlé will be the "pilot" company. We will

extend the services to our SME's customers.

*Risk analysis:* Risks are related to open source software and the need to build a strong community to maintain and develop the application.

## **Nisai**

*PALETTE Services to be integrated:* Our collaborative learning platform will be looking to integrate some of the tools developed with in the PALETTE project. The ones under consideration are as follows:

- SweetWiki: This will provide our educational platform with additional search capabilities;
- LimSee3: we are looking in to new generation of authoring tools to complement our offering for the education community;
- DocReuse: to see how this tool will help in achieving personalized learning for the individual learners.

Our initial approach would be to deliver these services to our virtual school. Once these have been tried and tested we will look at rolling this out to our educational customers.

These tools will be provided free of charge to the Educational community as part of our Learning Platform.

*Communities of Practice:* We are looking to exploit the experience and technologies that have been developed to develop a number of CoPs. We are working with University of Staffordshire to set up a CoP for teachers in the secondary education. The UK education system is undergoing a major reform and there is very large need to retrain the teachers and create a forum for best practice.

## **3.2 Communities of practice**

Through participatory design and in the context of the teams, CoPs and CoP Mediators have had and still have the ability to shape or reshape the PALETTE Services and their practices. This process is both the mean and the result of the appropriation of the PALETTE Services. As a consequence, the feedback from the CoP Mediators on their future exploitation plans is a good measure of the PALETTE services fitness to their current and expected needs, as well as appropriation level. Some PALETTE Partners being mediator for more than one CoP, some comments have been combined together. See below the edited citations from the questionnaires filled by CoP Mediators.

### **ADIRA-APCdE-ARADEL**

Currently, we use two PALETTE services which are SweetWiki and CoPe\_it!. As non-PALETTE services we sometimes use Google Doc in order to share documents. In the future we may continue to use SweetWiki and CoPe\_it!. As non-PALETTE services we may use in the future Facebook and Google Doc.

## **Centre des entrepreneurs**

Currently, we use SweetWiki and we hope to use CoPe-it! and e-Logbook to communicate, share and learn with CoP members. As non-PALETTE service we use Google Doc. In the future, I think we would use CoPe\_it! because it allows us to share and to give an opinion (against, favor,...) on a document shared in a workspace and may be we would use also e-Logbook. As non-PALETTE service, may be we would work with Facebook in the future.

## **@pretic**

Currently @pretic members use Amaya, SweetWiki and are going to use SemanticFAQ. As non-PALETTE services, @pretic members use various Web applications, a mailing-list/archive system, homebrew applications for precise tasks, office applications, image manipulation programs and video applications, for the most of them on (old) Windows NT 4 workstations and a few newer Macs. In the future, @pretic will use the same services as it use today, providing SemanticFAQ passes trials. Amaya 10 (Lite profile) should help attract more CoPs members. SweetWiki has still some shortcomings that we hope will be history at the end of the project. Regarding non-PALETTE services, there is no plan at the moment, but a light forum like SMF or PunBB could be used in the future. A few CoP members also would like to use MediaWiki.

## **Did@cTIC**

Currently, Did@cTIC uses Amaya, DocReuse, CoPe\_it! and SweetWiki as PALETTE services, and as non-PALETTE services Moodle and Microsoft. We hope to use the Amaya, DocReuse, CoPe\_it! and SweetWiki as a chain of services in the future.

## **ePrep**

The exploitation perspectives of the PALETTE services by the ePrep CoP are really good. Indeed, since the beginning of the PALETTE project, the ePrep CoP strived to use a lot of PALETTE services and to promote a full design-in-use methodology for a mutual interest of PALETTE and the ePrep CoP. If this design-in-use phase had strong results for PALETTE services, it had strong results for the ePrep CoP projects too: for instance, a new project called "Pedagogical innovation" is born within the CoP thanks to the use of some PALETTE services.

ePrep CoP members currently use Amaya and LimSee3 to edit pedagogical content for CPGEs (for their "Francophone Platform Project" and for their "International Cooperation Project"); they used SweetWiki for the first part of their "Wikiprepas Project" – later, despite the very interesting semantic functionalities offered by SweetWiki, ePrep CoP members adopted MediaWiki for this "Wikiprepas Project" because they need LaTeX functionalities; they use e-Logbook to manage their different projects; they use the Saatar Platform for their "Francophone Platform Project".

In the future, the ePrep CoP would use the following PALETTE Services:

1. Amaya and LimSee3, certainly (because these tools respect the Web standards, are very competitive tools and have now a more user-friendly interface);
2. e-Logbook, perhaps, if its functionalities fulfill the CoP needs (but the CoP members need to more practice this tool before having it as the central tool for managing their

different projects);

3. DocReuse, perhaps, for some CoP administrative activities (edition of meeting accounts, edition of the ePrep Newsletter for instance), especially for its retrieval functionalities.

The fact that PALETTE services are open source and free services and that they respect the Web standards is really important for ePrep CoP members (and, beyond, for ePrep partners who support the ePrep CoP projects as the Conférence des grandes écoles, the Union des professeurs de spéciales...).

As non-PALETTE Services, the ePrep CoP would use in the future:

1. MediaWiki for its LaTeX functionalities and, in the future, for its semantic functionalities;
2. the Saatar Platform, adapted to the SCORM norm and well suited to the CoP needs (the Manager of A6, the company developing Saatar, is a member of the ePrep CoP).

### **Form@HETICE**

Currently as PALETTE Service, Form@HETICE uses BayFac. As non-PALETTE Services, it uses Mediawiki, CMS (Joomla), videoconference software (Skype), Web navigators, e-mail clients, office applications, word processor, spreadsheet, distance learning platforms (Acolad, Moodle, Claroline), databases.

In the future, they will continue to use BayFac because this service answers a real need. The Form@HETICE community has various challenges to pick up, one of them being to sort and make available to its members the numerous documents collected in the last six years. BayFac offers an interesting solution to this challenge, notably thanks to its sorting method by facets and its Bayesian search engine. The CoP could/should be interested in using tools and services such Amaya, Limsee3, SweetWiki, e-Logbook, DocReuse to support its activities. The Form@HETICE community will surely keep the non-PALETTE communications tools and services aforementioned.

### **Learn-Nett**

Currently as PALETTE Services, Learn-Nett uses SweetWiki and BayFac. As non-PALETTE Services, it uses Moodle (Learning Management System for the tutors), Galanet (collaborative Learning Management System for the students), CENTRA (videoconf).

In the future, it would use BayFac and SweetWiki, if they remain true services, i.e. hosted by the PALETTE partners or very easy to host by a Learn-Nett partner. These two services should remain integrated through the management of a common ontology and the opportunity to export SweetWiki pages as BayFac resources. Regarding non-PALETTE Services, it would use Moodle, Galanet (both already integrated in CoP activities and on partners servers).

### **TFT**

Currently as PALETTE Service, TFT uses SweetWiki. As non-PALETTE Services, it uses Web navigators, e-mail clients, office applications, SMF forum, Moodle (a few institutions), various administrative and accounting applications.

Amaya 10, Lite profile, may be useful in the long term, but for now the nurses have not manifested their need for it and prefer using word processing applications. No need for further tools or services have been devised for now – it is to be noted that TFT is a relatively low-tech CoP and therefore the tools and services they use must be simple and minimal.

### CoPe-L

At the moment we have just started to identify the CoP's needs. We will probably use BayFac, CoPe\_it! and the Palette portal. YahooGroup is also considered.

### Summary

The current and future selections of PALETTE and non-PALETTE services made by CoP Mediators are summarized in Table 2. Only the services accessible to end-users are listed.

Services	ADIRA APCdE ARADEL	Centre entrepre- neurs	@pretic	DID@cTIC	ePrep	FORM@ HETICE	Learn-NET	TFT	e-Learning
<b>PALETTE</b>									
e-Logbook		X			X	+			
CoPe_it!	X	X		X					+
SweetWiki	X	-	X	X	-	+	X	X	
SemanticFAQ			X						
BayFac						X	X		+
Amaya			X	X	X	+			
LimSee3					X	+			
DocReuse				X	+	+			
Web portal									+
<b>Non PALETTE</b>									
Google Doc	X	-							
FaceBook	+	+							
MediaWiki			+		X	-			
Saatar					X				

**Table 2:** Selection of Services by CoP Mediators.

In this table, the “X” sign means that the service is currently used and would also be used in the future. The “+” sign means that the service is not currently used but would be used in the future. The “-” sign means that the service is currently used but would not be used anymore in the future.

### 3.3 Service Mediators

This section details the current status and the vision for the future exploitation of the PALETTE Services as stated by the Service Mediators. The major statements are given in the next paragraphs.

#### e-Logbook

The EPFL e-Logbook development team has received an internal grant to deploy e Logbook in its School of Engineering for Control Education. In this framework, e-Logbook is extended to integrate, thanks to its built in user-oriented mashup capability, services for remote and virtual experimentation. In the future, it is envisioned to maintain a freely accessible e Logbook platform at the EPFL, which will be used as a tested for further joint research in

Human Computer Interaction and Computer Supported Collaborative Learning. The code of this version will be available with an open source license.

### **CoPe\_it!**

In the future, CoPe\_it! will be accessible for free for registered members affiliated to new projects, registered members of CoPs affiliated to new projects and for registered external users.

### **SeWeSe**

This service will not be used directly by the end users. It is available to other services through Web service, API or as a JSP Taglib. [SeWeSe](#) has been released with the [CeCILL-C](#) free software license on September 20, 2007 (source: <http://www-sop.inria.fr/teams/edelweiss/wiki/wakka.php?wiki=News>).

### **Corese**

This service will not be used directly by the end users. It is available to other services through an API. [Corese](#) has been released with the [CeCILL-C](#) free software license on September 20, 2007 (source: <http://www-sop.inria.fr/teams/edelweiss/wiki/wakka.php?wiki=News>).

### **SweetWiki**

SweetWiki currently is and in the future will be accessible for free for registered members affiliated to new projects, registered members of CoPs affiliated to new projects and for registered external users.

### **BayFac**

BayFac currently is and in the future will be accessible for free for registered members affiliated to new projects, registered members of CoPs affiliated to new projects and for registered external users. It is currently accessible as Web services and will also be accessible with an API in the future. The general strategy is that, at the end of the project, BayFac will be used as a support tool for series of CoPs. The business model is to release BayFac under the Open source license GPL 2.0. The target public includes CoPs in public and private organizations.

### **Generis**

Strategy yet to be defined.

### **Amaya**

Amaya currently is and in the future will be accessible for free for registered members affiliated to new projects, registered members of CoPs affiliated to new projects and for registered external users. The strategy is to deliver an open source application to help users to generate valid Web information. From a business model point of view, the application is free. Some services can be developed around.

### **LimSee3**

LimSee3 is a downloadable application also accessible through an API. LimSee3 currently is and in the future will be accessible for free for registered members affiliated to new projects, registered members of CoPs affiliated to new projects and for registered external users.

### **DocReuse**

Currently DocReuse exists as downloadable and Web application. In the future, only the Web application will be retained. DocReuse currently is and in the future will be accessible for free for registered members affiliated to new projects, registered members of CoPs affiliated to new projects, registered external users and for guests.

### **PALETTE Web Portal**

The PALETTE Web portal relies on other PALETTE and non-PALETTE services. It is and will be accessible to other services as Web services or API. The general strategy is that, at the end of the project, the portal would be used as a support tool for a series of CoPs. The business model is to release BayFac under the Open source license GPL 2.0. The target public includes CoPs in public and private organizations.

## **3.4 European Initiatives**

The exploitation of the PALETTE Services in other European initiatives, including FP7 proposals (and hopefully funded projects) is ongoing. It is also envisioned to exploit some PALETTE services in the framework of EATEL (<http://www.ea-tel.eu/>).