



Development Guide

Overview

Version 2.0

Project Number: FP6 - 045389

WebLab Collaborative development guidelines

Date: 2008-03-11

COVER AND CONTROL PAGE OF DOCUMENT	
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0.1	2007-10-01	Creation
0.2	2007-10-19	First version of tutorial for the project WebContent
0.5	2007-10-22	Corrections
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1.2	2007-12-20	Corrections
2.0	2008-03-11	1 st complete version

Table of Contents

1 Overview of the whole tutorial.....	4
2 Content of the development kit.....	5

1 Overview of the whole tutorial

This section aims at providing a global view of the tutorial. This tutorial is built upon several part. The complete objective of the tutorial is to enable you to build a complete application among the VITALAS platform :

1. Development of a service that manipulate the exchange model (cf. chapter Service Development)
2. Development of two portlets communicating together and communicating with the previous service (cf. chapter Portlet Development)
3. Integration of those components on an ESB (Petals) and a complete portal (Exo WebOS).(cf. chapter Integration)

The functional part of this tutorial is very simple :

1. The service creates a text section to a given document and adds to this text section a content. If a text section already exist, it adds extra content to the text section,
2. The first portlet enable the user to pass a document to the previous service and to display the content of the document and to send the document to a second portlet
3. The second portlet enable the user to display, the content of the document sent by the first portlet.

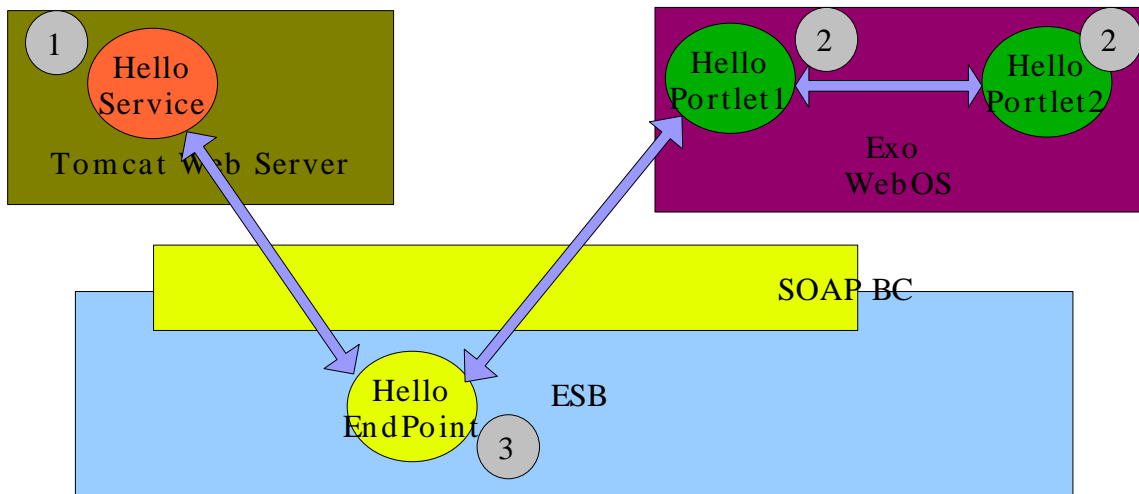


Illustration 1: Overview of the complete EADS tutorial.

2 Content of the development kit

Just unzip the zip files in a `devKit` folder to obtain the following content:

```
devKit
|-- 0-WDK-Introduction.odt
|-- 1-WDK-Architecture.odt
|-- 2-WDK-TutorialOverview.odt
|-- 3-WDK-ServiceDev.odt
|-- 4-WDK-PortletDev.odt
|-- 5-WDK-Integration.odt
|-- 6-WDK-ToolsInstallation.odt
|-- schemas
| |-- interfaces
| | |-- Analyzer.wsdl
| | |-- AnalyzerTypes.xsd
| | |-- Configurable.wsdl
| | |-- ConfigurableTypes.xsd
| | |-- ContentConsumer.wsdl
| | |-- ContentConsumerTypes.xsd
| | |-- ContentProvider.wsdl
| | |-- ContentProviderTypes.xsd
| | |-- Indexer.wsdl
| | |-- IndexerTypes.xsd
| | |-- ReportProvider.wsdl
| | |-- ReportProviderTypes.xsd
| | |-- ResourcesContainer.wsdl
| | |-- ResourcesContainerTypes.xsd
| | |-- Searcher.wsdl
| | |-- SearcherTypes.xsd
| | |-- Trainable.wsdl
| | |-- TrainableTypes.xsd
| | |-- `-- exception.xsd
| |-- model
| | |-- content.xsd
```

```
| | |-- model.xsd
| | |-- multimedia.xsd
| | |-- ontology.xsd
| | |-- query.xsd
| | |-- service.xsd
| | |-- structure.xsd
| | |-- text.xsd
| | `-- user.xsd
| `-- services
|   |-- DocumentAnalysis.wsdl
|   |-- DocumentSegmentation.wsdl
|   |-- FullTextIndexing.wsdl
|   |-- FullTextSearching.wsdl
|   |-- NamedEntitiesExtraction.wsdl
|   |-- Normalisation.wsdl
|   |-- ResourceRepository.wsdl
|   |-- WebCrawling.wsdl
|   `-- WebCrawlingTypes.xsd
|-- sources
| |-- helloExposeSA-src.zip
| |-- helloExposeSU-src.zip
| |-- helloPortlets-src.zip
| |-- helloProject-src.zip
| |-- helloProvideSA-src.zip
| |-- helloProvideSU-src.zip
| `-- test-service-src.zip
|-- tools
| |-- JWebServiceClient-1.3-RC1-Deliverable.zip
| `-- repository.zip
`-- war
   |-- helloPortlets.war
   |-- helloProject.war
   `-- test-service.war
```