Project no. 027087

TENCompetence

Building the European Network for Lifelong Competence Development

Project acronym: Integrated Project TENCompetence

Thematic Priority: 2.4.10

D3.4 Aggregate of internal deliverables ID3.19, ID3.20, ID3.11, ID3.23

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LOGICA

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| Dissemination Level |
| PU | Public |
| PP | Restricted to other programme participants (including the Commission Services) |
| RE | Restricted to a group specified by the consortium (including the Commission |
| CO | Confidential, only for members of the consortium (including the Commission Services) |
| X | |
Project Deliverable report

D3.4: Aggregate of internal deliverables ID3.19, ID3.20, ID3.11, ID3.23

Work Package
WP3 – Technical design and implementation of the integrated system

Task
Task 1, 2, 3 and 4

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D3.4

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Type of deliverable
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Public

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Abstract (for dissemination)
Deliverable D3.4 is an aggregate of the following underlying internal deliverables:
ID3.18: Updated design for release 5.0 of the TENCompetence software
ID3.19: Updated API definitions for release 5.0
ID3.20: Release 5.0 of the TENCompetence integrative software
ID3.21: Guidelines describing installation, configuration, maintenance and monitoring of the TENCompetence infrastructure
ID3.23: PDP client integrating WP7 positioning and navigation services

Keywords List
design, architecture, integration, software, installation, configuration, API

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1. Introduction

Deliverable D3.4 is an aggregate of a number of internal deliverables, it does not add anything new itself. The internal deliverables represent the progress made by Work Package 3 (Technical Design and Implementation of the Integrated System) in the period December 2008 – early June 2009. As a development work package, the work centered around architecture, design and programming of software, which is visible in the titles of the internal deliverables.

Chapter 2 briefly introduces each of the internal deliverables related to this deliverable. *Figure 1: relations internal deliverables* depicts how those internal deliverables relate to each other: the updated design & architecture (ID3.18) and the updated API definitions (ID3.19) were input for building the software (ID3.20). The installation and configuration of this software has been described in ID3.21. Finally, the Personal Development Planner tool has been integrated with tools from WP7 (ID3.23).

![Diagram of relations between internal deliverables]

*Figure 1: relations internal deliverables*
2. **D3.4 contents**

Deliverable D3.4 is an aggregate of five underlying internal deliverables, which are described below.

**Important note:** The deliverable’s full title in the DIP-4 document is incorrect. ID3.11 (“Release 3.0 of the TENCmpetence integrative software”) is an old version of the software as it’s successor *ID3.20: Release 5.0 of the TENCmpetence integrative software* is already included in D3.4. Instead ID3.18 *Updated design for release 5.0 of the TENCmpetence software* and ID3.21 *Guidelines describing installation, configuration, maintenance and monitoring of the TENCmpetence infrastructure* should have been included. The internal deliverables described here are the corrected ones, the ones that should have been in D3.4’s definition in DIP-4.

1. **ID3.18: Updated design for release 5.0 of the TENCmpetence software**
   Describes the software architecture of the “Amazon” release of the PCM to developers that need to use, extend or change the PCM server. The “Amazon” release is the very first release after the switch to Liferay. The views from the 4+1 approach by Kruchten are used to describe the software architecture.

   Available at [http://hdl.handle.net/1820/1983](http://hdl.handle.net/1820/1983).

2. **ID3.19: Updated API definitions for release 5.0**
   The API has been described by up to date JavaDoc. The JavaDoc is an integral part of the system’s source code, which was delivered as ID3.20 (see the next internal deliverable).

   Available as part of the package at [http://hdl.handle.net/1820/1960](http://hdl.handle.net/1820/1960).
3. **ID3.20: Release 5.0 of the TENCompetence integrative software**

This is the 5.0 release of the TENCompetence service infrastructure. This is the first version adopted to integrate with Liferay.

The 5.0 release of TENCompetence includes:
- revised competence model services
- new portfolio service
- integration with Liferay and three portlets
- competence map editor
- portfolio portlet
- search portlet.

This version corresponds with the “Brahmaputra” release of TENCompetence (see http://dev.tencompetence.org/trac). The “Brahmaputra” release is the second version after the switch to Liferay. It’s underlying architecture is the same as for “Amazon”. The software is released under the BSD open source license.

Available at [http://hdl.handle.net/1820/1960](http://hdl.handle.net/1820/1960).

4. **ID3.21: Guidelines describing installation, configuration, maintenance and monitoring of the TENCompetence infrastructure**

As it states in the title, this document describes guidelines for installation, configuration, maintenance and monitoring of the TENCompetence infrastructure.

Available at [http://hdl.handle.net/1820/1984](http://hdl.handle.net/1820/1984).

5. **ID3.23: PDP client integrating WP7 positioning and navigation services**

Describes how software created and used in WP7 was or will be integrated into the Personal Development Planner (PDP).

Available at [http://hdl.handle.net/1820/2049](http://hdl.handle.net/1820/2049).