Upskilling to Object-Oriented Software Development with the Unified Modeling Language

D/05/B/F/PP-146 369

http://www.adam-europe.eu/adam/project/view.htm?prj=1780
Project Information

Title: Upskilling to Object-Oriented Software Development with the Unified Modeling Language

Project Number: D/05/B/F/PP-146 369
Year: 2005
Project Type: Pilot Project, project with multiplying effect (2000-2006)
Status: completed
Country: DE-Germany

Marketing Text: In the Up2UML project, online training materials in 4 European languages (English, German, French, Bulgarian) were developed. Furthermore, innovative training methods were explored and evaluated through 9 pilot tests in software development departments or companies. The consortium comprises partners from vocational training, research, higher education, software development and consulting that are coming from Bulgaria, Germany, France, Ireland and Romania.

Summary: In the Up2UML project, online training materials in 4 European languages (English, German, French, Bulgarian) were developed. Furthermore, innovative training methods were explored and evaluated through 9 pilot tests in software development departments or companies. The consortium comprises partners from vocational training, research, higher education, software development and consulting that are coming from Bulgaria, Germany, France, Ireland and Romania.

Description:

Themes:
- *** ICT
- *** Higher education
- *** Enterprise, SME
- *** Continuous training
- ** Utilization and distribution of results
- * Initial training

Sectors:
- *** Information and Communication

Product Types:
- website
- modules
- teaching material
- CD-ROM
- material for open learning

Product information: Upskilling to the Unified Modelling Language 2 - for software specialists and project managers. http://www.up2uml.org

Project homepage:
http://www.adam-europe.eu/adam/project/view.htm?prj=1780
Project Contractor

Name: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung
City: München
Country/Region: Lower Bavaria
Country: DE-Germany
Organization Type: research institution
Homepage:

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City: Kaiserslautern
Country/Region: Rheinhessen-Pfalz
Country: DE-Germany
Organization Type: research institution
Homepage: http://www.iese.fraunhofer.de

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Partner

Partner 1
Name: New Bulgarian University
City: Sofia
Country/Region: Sofia Stolitsa
Country: BG-Bulgaria
Organization Type: university/Fachhochschule/academy
Homepage: http://www2.nbu.bg/english/index.asp

Partner 2
Name: Institut National Polytechnique de Toulouse
City: Toulouse
Country/Region: Midi-Pyrenees
Country: FR-France
Organization Type: university/Fachhochschule/academy
Homepage: http://www.inp-toulouse.fr/

Partner 3
Name: Fraunhofer IESE
City: Kaiserslautern
Country/Region: Rheinhessen-Pfalz
Country: DE-Germany
Organization Type: research institution
Homepage: http://www.iese.fraunhofer.de

Partner 4
Name: Softwin SRL
City: Bukarest
Country/Region: Bucuresti
Country: RO-Romania
Organization Type: SME - small and medium-sized enterprise (up to 250 employees)
Homepage: http://www.softwin.ro
Partner

Partner 5

Name: National College of Ireland
City: Dublin
Country/Region: Dublin
Country: IE-Ireland
Organization Type: university/Fachhochschule/academy
Homepage: http://www.ncirl.ie
Products

1. UML Courseware, final version
2. Map of learning objectives
3. Report on pedagogical approach and design
4. Up2UML approach to blended learning
5. Blended learning concepts
6. Individual learning habits and corporate learning culture
7. Website of the Up2UML project
8. DEMO Version
Product 'UML Courseware, final version'

Title: UML Courseware, final version

Product Type: program or curricula

Marketing Text:

Description: Online Training Materials

Target group: Software specialists (developers, architects, managers, system analysts)

Result: Training products for the Unified Modeling Language (UML 2.0)

Area of application: ?

Homepage: http://www.up2uml.org

Product Languages:
Product 'Map of learning objectives'

Title: Map of learning objectives
Product Type: program or curricula
Marketing Text:
Description: technical
Target group: teachers
Result: List of learning objectives

http://www.up2uml.org

Area of application: limited to project use
Homepage:

Product Languages: English
German
Product 'Report on pedagogical approach and design'

Title: Report on pedagogical approach and design
Product Type: teaching material
Marketing Text:
Description: Pedagogical design of the content
Target group: trainers and authors
Result: Needs analysis, process breakdown structure, learning activities

http://www.up2uml.org

Area of application:
methodology paper
limited to project
limited to project
limited to project

Homepage:

Product Languages:
Product 'Up2UML approach to blended learning'

Title: Up2UML approach to blended learning
Product Type: teaching material
Marketing Text:
Description: methodological paper
Target group:
Result: organisation of blended learning processes

www.up2uml.org
Area of application:
Homepage:
Product Languages: German

product files

p1895e1773f1.doc
http://www.adam-europe.eu/prj/1780/prd/4/1/p1895e1773f1.doc
Product 'Blended learning concepts'

Title: Blended learning concepts

Product Type: others

Marketing Text:

Description: workshop paper

Target group:

Result: short overview of current blended learning concepts

Area of application:

Homepage:

Product Languages:
Title: Individual learning habits and corporate learning culture

Product Type: others

Marketing Text:

Description: methodological paper

Target group:

Result: new forms of learning require new pedagogical approaches

Area of application:

Homepage:

Product Languages:
Product 'Website of the Up2UML project' 

Title: Website of the Up2UML project

Product Type: website

Marketing Text:
Description: Website of the Up2UML project

Target group:
Result: Information on project and on UML.
        Access to the demo version.

Area of application:

Homepage:

Product Languages:
Product 'DEMO Version'

Title: DEMO Version

Product Type: modules

Marketing Text:

Description: Free access to training modules on the most frequently used UML diagrammes.

Target group:

Result: Contains materials for the following diagrammes:
- Use case diagramme
- Class diagramme;
- Table of contents of all modules as well as
- Further information on project results.

Area of application:

Homepage: http://up2uml.iese.de/demo/intro.html

Product Languages: English
Polish
Finnish
Dutch
Italian
French
German
Product 'Evaluation Report'

Title: Evaluation Report

Product Type: evaluation methods

Marketing Text:

Description: Evaluation methods and results

Target group:

Result: Evaluation methods and results

Area of application:

Homepage:

Product Languages:
Events

Professional Training Facts

Date 13.11.2007

Description "Professional Training Facts" is an international conference which is organised annually in Stuttgart in cooperation with the European PROLEARN Network of Excellence. It shows new trends and challenges as well as solutions and practical examples from a company perspective. Speakers from companies as well as research institutes present methods, concepts and solutions with regard to the question of how the triad of "Learning - Competence - Performance" can be designed today and in the future.

Target audience Speakers and participants are coming from companies, intermediary organizations, providers of solutions in professional learning, (applied) research institutes.

Public Event is open to the public

Contact Information 15:00-18:00
Silke Steinbach-Nordmann

Time and place 13-14th November, 2007. Stuttgart

Dissemination workshop

Date 27.09.2007

Description In conjunction with the BCI2007, the Up2UML Consortium organised a workshop called "Teach UML". The focus of this workshop was to initiate an exchange of ideas and experiences on best practices for teaching Software Modeling, UML and object-oriented development in general. The workshop provided a forum to experts and practitioners for the presentation of best practices and the discussion of innovative approaches towards teaching the subject in academia and industry. The long-term goal of the workshop was to foster collaborative work within the research community and to increase cooperation with industry by trying to close the gap between theory and application.

Target audience University lecturers and students.

Public Event is open to the public

Contact Information 13:30-17:00
Ludger Thomas

Events

**Consortium Meeting**

Date 25.09.2007

Description

Target audience

Public  Closed event

Contact Information  25.-26.09. 14:00-18:30; 09:00-17:00

Time and place  New Bulgarian University

Sofia

**Consortium Meeting**

Date 23.03.2007

Description

Target audience

Public  Closed event

Contact Information

Time and place  Softwin SRL

Bucharest, Romania
Events

**Dissemination workshop**

**Date** 01.10.2006

**Description** Up2UML organised a workshop at the European Conference on Technology Enhanced Learning (EC-TEL’06): Blended-Learning: “Towards the Best Mix for SMEs”. The workshop aimed to
- Identify the specific needs of SMEs for training provision
- Explore existing evidence for successful mixes
- Consolidate the knowledge into guidelines for providing and selecting learning resources
- Assess the state-of-the-art of Blended-Learning in SMEs
- Identify research gaps and opportunities.

**Target audience** Researchers

**Public** Event is open to the public

**Contact Information** Stephan Weibelzahl

**Time and place** 1st October 2006. Crete (Greece).

**Consortium Meeting**

**Date** 29.09.2006

**Description**

**Target audience**

**Public** Closed event

**Contact Information**

**Time and place** Conference Hotel Limenas Hersonissou, Greece
Events

Consortium Meeting

Date 09.03.2006

Description

Target audience

Public Closed event

Contact Information

Time and place ENSEEIHT Toulouse

Kick-off Meeting

Date 06.10.2005

Description

Target audience

Public Closed event

Contact Information

Time and place Fraunhofer IESE Kaiserslautern

http://www.adam-europe.eu/adam/project/view.htm?prj=1780