



www.DBTechNet.org



Education and Culture DG

Lifelong Learning Programme

DBTech EXT project

With the support of the EC LLP Transversal Programme of the European Union

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Databases are needed everywhere in the modern information society, building the basis of all business critical applications requiring reliable, secure and scalable data access. The lack of knowledgeable database professionals in the European labour market is already a productivity problem that has led to failed and delayed application development projects in the industry.

The new application of DBTechNet, the European database teacher network (www.DBTechNet.org), for extending the work of our successful LdV project DBTech Pro in years 2002-2005, has been accepted for Commission funding in LLP Transversal Programme KAY3: ICT. Project is scheduled from 1 Jan 2009 to 31 Dec 2010.

Partners in the project include 7 universities, 3 VET institutes, and 1 industry representative, from 6 European countries, including

- Alexander Technology Educational Institute (ATEI), Thessaloniki, Greece, <http://www.aetos.it.teithe.gr>
- Helsinki Business College (HBC), Helsinki, Finland, <http://www.businesscollege.fi/>
- Groupe esaip, Saint Barthélemy d'Anjou, France, <http://www.esaip.org>
- HAAGA-HELIA University of Applied Sciences, Helsinki, Finland, <http://www.haaga-helia.fi>
- I.E.S. Politécnico Jesús Marín, Málaga, Spain, <http://www.politecnicomalaga.com/>
- Omnia, The Joint Authority of Education in Espoo Region, Espoo, Finland, <http://www.omnia.fi>
- Reutlingen University, Reutlingen, Germany, <http://www-inf.hs-reutlingen.de>
- Tieto Public Industry, Finland, <http://www.tieto.com>
- University of Macedonia Economic and Social Sciences (UoM), Thessaloniki, Greece, <http://eos.uom.gr>
- University of Málaga (UMA), Málaga, Spain, <http://www.uma.es>
- University of the West of Scotland (UWS), Paisley, UK, <http://www.uws.ac.uk>

and we co-operate with many Outer Circle partners

Description of the Action

Aside the theoretical studies the project addresses the needs of the industry on application development and use of the mainstream database systems used by the European industry. The project extends the results of the DBTech Pro project, the DBTech Framework of courses and the series of hands-on workshops - for learning by doing and verifying theories - is used to guide the development of learning modules, to cover the latest development in the practical field of database technologies. Introduction to the tutorials and virtual labs for the workshops and self-studies are publicly available at <http://www.DBTechNet.org/DBTechExtTutorials.pdf>

Beside the contents the results are extended and exploited to link the education of VET (vocational education and training) and HE (higher education) institutions up to the level needed for professionals in the European labour market and to PhD programmes for the needs of European research addressing also the lifelong learning strategies for the European database professionals. Internet-based virtual laboratories, digital video lessons and online tests will disseminate and exploit the tutorials and workshops to industry (outer circle) partners supporting the lifelong learning of European database professionals by means of ICT.

Target impacts of the project include:

- Integration of VET and HE education curricula for LLP of database professionals
- Recognizing of prior formal and informal learning
- European education and training in database technologies meet the developments in database technologies and the needs of the European labour market
- Improved quality in education and in use of the database technologies by ICT
- Co-operation of VET, HE, and the European industry

For more information contact the coordinator of the project

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