



DBTech VET / DBTechNet SQL Transactions*

Pilot Course Offering

Athens & Thessaloniki, Greece May 20 - June 13, 2013

Orientation Meeting

May 16, 2013

D.A. Dervos, C. Skourlas, M. Laiho, J.F. Aldana-Montes

www.dbtechnet.org



The DBTech VET “SQL Transactions” course and its educational and training content are licensed under a *Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License* (<http://creativecommons.org/licenses/by-nc-sa/3.0/deed.en>). Attributions must refer to the present work in accordance with the directions provided at <http://www.dbtechnet.org/DBTechVET-CC-attributions-guidelines.PDF>.



Welcome aboard

- The course
- The E&T content and how is it organized
- Meet the trainers
- Meet the participants
- What's special about the pilot course offering
- In-course and post-course communication/interaction
- Certificate of attendance
- Course attendance, policy of



in brief...



For **Teachers/Trainers**:

- **Required to cope with a number of (often: cross-disciplinary) specializations and skills**
- **In the absence of super-human abilities, they need to collaborate / unite forces**

For **DB Professionals**:

- **Further education, training, certification**
- **Life Long Learning (utilizing ICT to achieve both effectiveness, as well as flexible learning/studying time scheduling)**



SELECT U.Academics, I.Professionals, V.Teachers_Trainers

FROM

WHERE

GROUP BY

HAVING



SELECT U.Academics, I.Professionals, V.Teachers_Trainers

FROM EU_Universities U, EU_Industry I, EU_VET_Centers V

WHERE

GROUP BY

HAVING



SELECT U.Academics, I.Professionals, V.Teachers_Trainers

FROM EU_Universities U, EU_Industry I, EU_VET_Centers V

WHERE (Motivation = High)
AND (Enjoy (Teaching, Training))
AND (European Conscience = High)
AND (NOT (Represent (EU.Brand Name)))
AND (Specialize_in_Database_Technology)
AND (Focus_on_Professional_Education_Training)
AND (Rate_High_Pedagogical_Correctness)

GROUP BY

HAVING



SELECT U.Academics, I.Professionals, V.Teachers_Trainers

FROM EU_Universities U, EU_Industry I, EU_VET_Centers V

WHERE (Motivation = High)
AND (Enjoy (Teaching, Training))
AND (European Conscience = High)
AND (NOT (Represent (EU.Brand Name)))
AND (Specialize_in_Database_Technology)
AND (Focus_on_Professional_Education_Training)
AND (Rate_High_Pedagogical_Correctness)

GROUP BY Workgroups

HAVING



SELECT U.Academics, I.Professionals, V.Teachers_Trainers

FROM EU_Universities U, EU_Industry I, EU_VET_Centers V

WHERE (Motivation = High)
AND (Enjoy (Teaching, Training))
AND (European Conscience = High)
AND (NOT (Represent (EU.Brand Name)))
AND (Specialize_in_Database_Technology)
AND (Focus_on_Professional_Education_Training)
AND (Rate_High_Pedagogical_Correctness)

GROUP BY Workgroups

HAVING ('Hands-On' Educational/Training/WS&VLW Content,
Professional Certification Framework, & more...)
AS Deliverables



- **Established in 1997**
- **DBTech Pro: 12/2002-05/2005**
8 HE institutions, 4 I.T. companies,
5 E.U. member states,
European Commission LdV Programme,
€443,458
- **DBTech EXT: 10/2008-12/2010**
6 + 9 EU member states
7 + 13 HE Institutions,
3 + 5 VET centers,
1 + 8 IT companies / DBMS vendors,
European Commission LdV Transversal Programme,
€508,391



- **Distance teaching/learning sessions (UMA, HAAGA-HELIA, HBC Adobe Connect Pro software)**
- **Debian Linux virtual computers with free, pre-installed DB software, plus self-study, self-practicing content**
- **Access to licensed commercial software over the Internet (UMA PC Virtual environment)**
- **Tutorial sessions on digital video**
- **Educational and training support by an international network of DB experts, over the Internet**

Inner Circle:

- 4 EU member states represented
- 4 HE academic institutions
- 3 Vocational or technical secondary schools
- 1 institution for in-service teacher training
- 1 VET center
- 1 IT company (services)

Inner Circle:

- 4 EU member states represented
- 4 HE academic institutions
- 3 Vocational or technical secondary schools
- 1 institution for in-service teacher training
- 1 VET center
- 1 IT company (services)

Outer Circle:

- 2 EU member states represented
- 2 LL institutes
- 2 IT companies (services)
- 1 Public authority

Inner Circle:

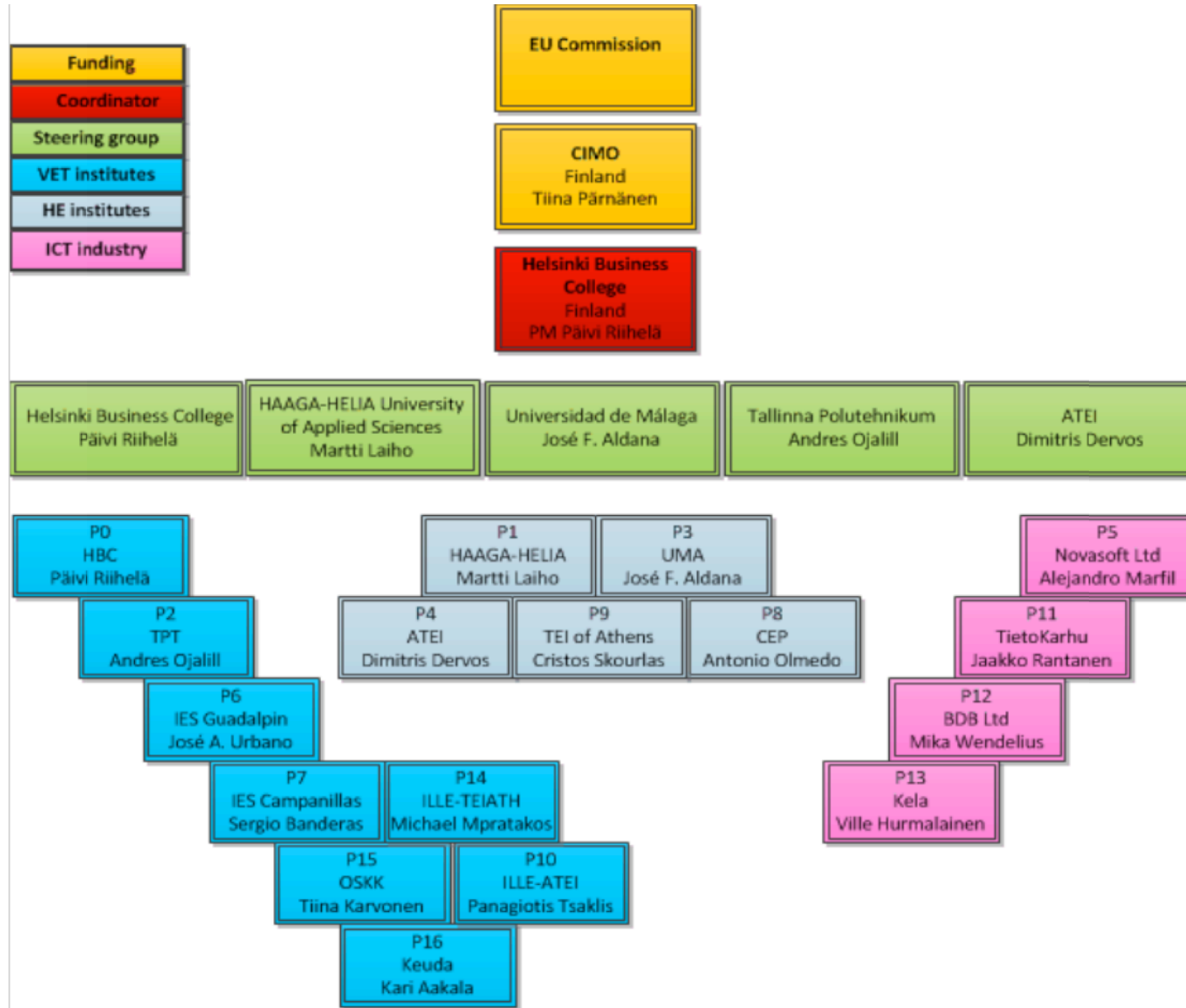
- 4 EU member states represented
- 4 HE academic institutions
- 3 Vocational or technical secondary schools
- 1 institution for in-service teacher training
- 1 VET center
- 1 IT company (services)

Outer Circle:

- 2 EU member states represented
- 2 LL institutes
- 2 IT companies (services)
- 1 Public authority

Project duration: Oct. 2012 – Sept. 2014

Funding: European Commission Leonardo da Vinci
Programme Transfer of Innovation (€265,970)



- WP1 (HBC) : Administration**
- WP2 (HH) : Development**
- WP3 (ATEI) : Evaluation and Quality Management**
- WP4 (UMA) : Testing and Piloting**
- WP5 (UMA) : Dissemination and Exploitation**



- **Develop a module on SQL transactions**
- **Create a transferable learning model**
- **Tailor an up-to-date pedagogical approach by taking into account:**
 - **the needs for curricular reform**
 - **national qualification frameworks**
 - **recognition of prior learning**



- **Educational and training content in English, plus in: Estonian, Finnish, Greek, Spanish, and Russian**
- **Three (3) live seminar offerings, and six (meetings) in Malaga, Helsinki, and Thessaloniki:**
 - **PSG meeting: Thessaloniki**
 - **Kick-off meeting and seminar**
 - **Meeting and seminar: Helsinki**
 - **PSG meeting: Helsinki**
 - **Meeting and seminar: Thessaloniki or Athens**
 - **PSG meeting: Malaga**
- **Pilot and full course offerings in Estonia, Finland, Greece, and Spain**



Ms. Päivi Riihelä,
Project Manager, DBTech VET,
Helsinki Business College
Rautatieläisenkatu 5,
00520 Helsinki, Finland
Tel. +358 9 1489 0200
Email: paivi.riihela@businesscollege.fi

Intra-course communication:

- (a) discussion fora (one per lecture/lab session)
- (b) dbtech.gr@gmail.com

