



Support of Teachers' Lifelong Learning at Faculty of Informatics, Masaryk University

Tomáš Pitner, Jaroslav Pelikán
Faculty of Informatics, Masaryk University

{pelikan, tomp}@fi.muni.cz



- Informatics at Secondary Schools – Curricula and Teachers' Education
- Teachers' Education at FI MU
- Infrastructure and Tools for Lifelong Learning at Masaryk University



- Curricula of Informatics and Computer Science at Secondary Schools
 - Framework Education Programmes, RVP (G)
- ICT Coordination at Primary and Secondary Schools
 - well defined position at secondary school
 - specific skills required



- Bachelor of Informatics and a Second Subject
 - not only for teachers
 - ...business computing
- Master of Informatics and a Second Subject
 - continuation of the previous programme
 - switching between pgs. allowed



- Many ad-hoc courses on specific areas
 - usually short, one-day courses
 - not only for teachers
- ICT Coordinator
 - 1,5 year (3 semester) course
 - goal: help the teachers and management with ICT integration into education



- Business Centre of Masaryk University
 - Launch scheduled for Q4 2007
 - Primarily on selling LLL activities
- Tools for Lifelong Learning
 - IS MU e-learning platform
 - „one size fits all“?
- Building a User-friendly Training Framework for Lifelong Learning
 - EU Leonardo V3 Project

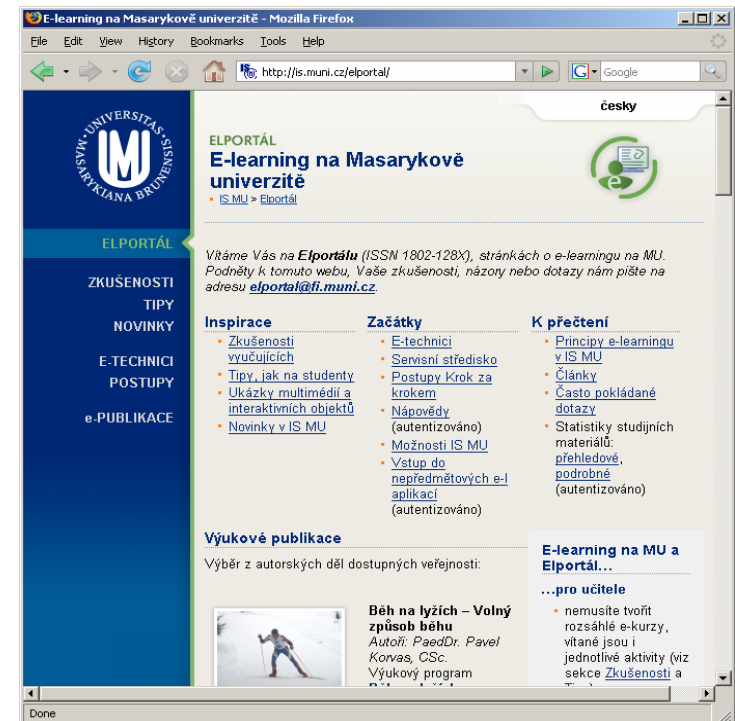


- Business Centre of Masaryk University
 - Development Programme financed by MSMT

E-learning @ Masaryk University



- E-learning and Study Administration IS
 - Fully fledged
 - In/house developed
 - EUNIS Elite Award 2005





- User-friendly Training Framework for Lifelong Learning
 - Versatile Vocational and educational training Vehicle (V3)
 - Record and store “screencasts”
 - Search and retrieve chunks
 - User-friendly, integrated
- EU Leonardo Project
 - www.leonardo-v3.org
 - finalizes Q3 2007

E-learning @ Masaryk University



v3 project

- V3 “live”...
- Make screencasts
- Store screencasts
- Search screencasts
- Retrive chunks

V3 Resource Centre

OOP in Java - basic dynamic data structures (43)

General	Language: Czech Keywords: java, collection, set, list, map Description: Working with basic dynamic data structures - Set, List, Map Aggregation Level: Raw Data
Lifecycle	Status: Final Version: 1.0 Contributed by: Pitner, Tomas tomp@fi.muni.cz
Technical	Location (URL): http://www.fi.muni.cz/~tomp/pb162/video/ Size: 9437184 bytes Duration: 00:11:43
Educational	Type of Interactivity: expositive Level of Interactivity: very low Semantic Density: high Difficulty Level: medium Typical Learning Time: 120

[the avi](#)



- Significant Curricula changes need LLL
 - Even more to come!
- MU is ready for Teachers' LLL
 - Marketing and sales – **Business Centre**
 - Good Programmes and Content – **ICT Coord.**
 - Well supported off- and online – **IS MU**



- Thanks for you attention!
- Tomáš Pitner, tomp@fi.muni.cz
- Jaroslav Pelikán, pelikan@fi.muni.cz