Knowledge-on-Demand for Ubiquitous Learning

Building innovative ubiquitous e-learning environment for almost everybody

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LOGOS: Knowledge-on-Demand for Ubiquitous Learning – is an IST research project involving an interdisciplinary 15-member consortium from nine countries, coordinated by the Hungarian broadcasting company Antenna Hungaria.

The main aim of the project is to create a platform for ubiquitous learning that combines the use of courseware objects from the LOGOS authoring studio with cross-media delivery through digital video broadcasting (DVB), mobile and IP-based communication channels.

Outcomes

- a new cross-media platform for e-learning using current internet, mobile phone and DVB technologies;

- new cross-media learning context with specially developed authoring studios using existing digital archives;

- validation of a new e-learning platform by extended experimentation of its functionality and usability.

The impacts and benefits

- access to e-learning materials using cross-media channels, such as existing mobile devices and TV sets with additional set-top boxes, by providing distribution channels between the repository of learning materials and end-users;

- quicker and more effective training for new jobs, especially in the accession countries of the EU;

- enrichment of video-based learning applications via integration with IP-based and mobile technology tools;

- exploitation of digital object repositories by managing a mixed architecture containing multiple knowledge databases.