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Project Details

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- Project Number: IST-027023
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- Budget: 12.930 k€ (7.650 k€ funding European Union)

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New ways to ...



APOSDLE –

**Advanced Process Oriented
Self-directed Learning Environment**

« *apodle* seeks to enhance knowledge worker productivity by providing learning support in the computational work environment. It follows a *learn@work* approach meaning that learning is tailored to the user's actual work context. »

The key distinction to traditional eLearning is that *apodle* conceptually integrates the three roles a knowledge worker fills at the workplace, and provides integrated technological support for these roles:



This integrated support is represented by the three rings of the *apodle* logo:



Work

apodle automatically identifies the knowledge workers' needs and provides context-sensitive support tailored to their specific competencies and work situations.

Learn

apodle helps knowledge workers explore, apply and reflect on knowledge in a self-directed manner. By considering their work context, *apodle* ensures that learning and working are tightly integrated and learning is transferred to actual workplace tasks.

Collaborate

apodle helps knowledge workers to informally convey and jointly create knowledge via their computational environment and embedded in their work context. The context of knowledge transfer and creation is captured in order to turn knowledge artefacts into valuable learning resources.

Technological Infrastructure

apodle accesses the available corporate IT infrastructure so that all existing knowledge resources can remain as they are. It extracts and stores semantic information from the underlying sources, and makes it available for retrieval in an integrated knowledge network.

Application driven approach

apodle follows an application driven approach by involving application partners in user-centered and requirements-driven design for innovation. Introduction and evaluation of the system will be made in real-world settings.

Expected Project Results

- Workplace learning study
- Work-integrated learning paradigm
- Context model for workplace learning
- Context determination tools
- Context-sensitive knowledge-delivery tools
- Self-directed learning tools
- Contextualized collaboration tools
- Distributed modelling tools for processes, ontologies and competencies
- *apodle* architecture and platform
- Application partner specific implementation
- Extensive evaluation within real world application partner settings

Work Processes

Integrated Knowledge Structure

Semantic Spaces

Self-Directed Learning

Contextualized Collaboration

Requirements Application & Evaluation