

APOSDLE: Advanced Process-Oriented Self-Directed Learning Environment

Lifelong Learning has become an essential ingredient for success within our knowledge society. The APOSDLE project will enhance knowledge worker productivity by providing learning support within the computational work environment.

APOSDLE is a Research and Development project partially supported by the European Community. Bringing together 12 innovative partners from 7 European countries, it has been ranked the number 1 proposal in Call 4 of the IST action line "Technology Enhanced Learning". It develops a software platform and tools that, unlike traditional e-Learning systems, seamlessly integrates and supports the three roles a knowledge worker fills in the workplace: worker, learner and expert.

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

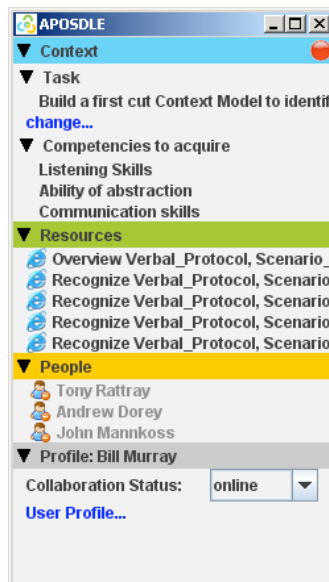
Learn: APOSDLE helps knowledge workers explore, apply and reflect on knowledge. It considers their work context to ensure that learning and working are tightly integrated and learning is transferred to actual work tasks.

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

Overview of the APOSDLE platform and tools

The platform makes use of an innovative technological infrastructure. It 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.

Tasks being carried out and the goal they purport to achieve are inferred from the user's work context. Supporting resources, learning activities and experts within the company are then accordingly made available to the user via a side bar, see below.



If the user engages with an expert or a peer, the platform supports collaboration through tools allowing for communication, sharing of the documents being discussed and marking of passages of interest within these documents. It also offers a space for the joint creation and annotation of material (documents and diagrams for example) that support the explanation and further the discussion of the concepts being examined. Any knowledge artefacts hence created can be tagged, stored and made available for later reference by part or all of the other employees, as shown below.

