The Power of Global Collaboration
Defense | Government | Industry | Academia

ADL is Finding Solutions for the Next Generation Learner

ADL is conducting research on personalized and adaptive learning that can provide the next generation learner with the information he or she needs, on demand, and in the form that is best suited to that particular learner and situation.

Currently, the majority of formal training is delivered as a one-size-fits-all capability. For example, each learner logs in to an enterprise learning system and downloads a course. That is no longer appropriate. Learning technologies have improved at an unprecedented rate.

In addition, there has been a rapid transformation of the learning environment afforded by mobile devices and social media. The opportunities for making effective and adaptive training easily accessible are available today and will only keep expanding.

Our previous work on the Sharable Content Object Reference Model (SCORM®) provides the impetus for development of the Next Generation SCORM – a new model to support new and innovative learning experiences.

Maximize learner potential to perform and adapt; Maximize technical innovation to enhance performance.

—Dr. Kristy Murray
Director, ADL Initiative

www.ADLnet.gov

ADL Research Capabilities

Next Generation Learning Environment
- Prototype for a service-based learning architecture system to support content communication among various learning delivery platforms and intelligent tutoring capabilities
- Incorporation of mobile, game-based, and virtual technologies

Next Generation Learner/Adaptive Learning/Learning Science
- Research on how to increase the Warfighter's cognitive adaptability, overall learning skills, and emotional control
- Tailored interventions to develop skills that match learning experiences and resources with the learner's background and current goals

Personal Learning Assistant (PLA)
- New research endeavor to investigate how an unobtrusive, intelligent device can anticipate a learner's needs and provide information and/or learning at the point of need
- Enhance performance and help learners adapt to new situations with on-the-spot delivery of resources

Mobile Learning
- Guidance on developing mobile learning solutions for performance support
- Weekly Mobile Learning Newsletter for updates on newest mobile technologies

Emerging Technologies
- Best practices on creating informative, useful and engaging games for education & training
- Testing virtual worlds, social media and gamification possibilities at the Emerging Technology Collaboration Center

Search & Retrieval
- The Learning Registry http://www.learningregistry.org/, a joint infrastructure project of the U.S. Departments of Defense and Education to facilitate the exchange and evaluation of learning content based on contextualized metadata
- 3D Repository http://3dr.adlnet.gov/, a site for uploading, finding, and downloading 3D models

ADL Services

Emerging Technology Collaboration Center:
A facility at the Orlando Co-Lab for games and virtualization experiments

Learning Technology Lab:
A testing facility at the Alexandria Co-Lab that provides free access to systems and tools

Help Desk:
Staffed by technical experts to answer your questions.
Send email to: helpdesk@adlnet.gov

ADL Event Schedule

Keep up-to-date with ADL at annual conferences and by attending summits and workshops throughout the year.

- Defense GameTech Users' Conference 2012, 26–30 March
- ITEC 2012, 22–24 May
- iFest 2012, 31 July–2 August
- I/ITSEC 2012, 3–6 December

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ADL U.S. and Worldwide Partners

- Academic ADL Co-Lab (Wisconsin)
- ADL Center for Intelligent Tutoring Systems Research & Development (Tennessee)

ADL Partnership Labs are located in:
- Canada
- Latin America and Caribbean Regions
- NATO ACT (Virginia)
- Norway
- Romania
- South Korea
- United Kingdom

@ADL_Initiative

Join the Advanced Distributed Learning professional group

The Advanced Distributed Learning (ADL) Initiative was established in 1997 to standardize and modernize the delivery of training and learning. The Department of Defense (DoD) Office of the Under Secretary of Defense for Personnel and Readiness (OUSD P&R) oversees our effort to harness the power of information technologies to deliver high-quality, adaptable, and cost effective learning and training on demand.

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