

Compatibility Standards In eLearning

Muntah Kadhum Musa
Communication & Electronic Eng.
University of Baghdad
College of Islamic Sciences

Abstract

E-Learning is the use of electronic technology to deliver, support and enhance teaching and learning, the use of new multimedia technologies and the Internet to improve the quality of learning by facilitating access to resources and services as well as remote exchanges and collaboration.

The e-learning industry continues to expand every day, and the methods and tools necessary to create and maintain content and infrastructure applications are complicated, for that we need a common language so that courses can send information back to the learning management systems (LMS) from students taking those courses, to accomplish this; this common language will be a E-Learning standards, the goal of standards is to provide fixed data structures and communication protocols for e-learning objects and cross-system workflows.

The industry of e learning has come up with several eLearning standards that allow courses created by any vendor to “talk” with an LMS created by any other vendor.

There are two main types of e-learning standards:

1. Courseware design standards refer to the different aspects of course design and development,
2. Technical standards refer to the deployment of courses on an LMS or other portal.

E-learning standards are a set of common rules that apply to content, authoring software and learning management systems (LMSs). They provide all stakeholders with guidelines for designing and developing content, deploying it across platforms, and ensuring interoperability across devices.