

Abstract

Nowadays e-learning is growing fast. Because of the learning systems are not constrained by space and time. Commonly, e-learning sites are still solitary. The learning contents have to be designed, made and developed by themselves. This matter needs a lot of effort, time and cost. So, we need a system that allowed us to exchange contents between e-learning sites to reduce the effort to make a learning content.

To accomplish a system that can exchange contents, we need a content that compatible for every e-learning site and a mechanism to find and retrieve contents from other sites. Compatibility problem can be solved with *Sharable Content Object Model (SCORM)* and *Learning Management Sistem (LMS)*. SCORM is a framework for content packaging that enable a content to be used in a different platform site. LMS is an e-learning site that focus on managing a learning system. It can use all SCORM content.

To find and retrieve other LMS's content, we use *Content Object Repository Discovery and Registration Architecture (CORDRA)*, a catalog portal consist of SCORM content informations from allover internet.

Combining LMS, SCORM and CORDRA, we can make a system that enable searching, exchange, and reuse content from another sites.

Keywords: e-learning, exchange, content, LMS, SCORM, CORDRA.