Ontology in e-learning: a tool for increasing efficiency*

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Abstract

More and more e-learning courses are offered for study at institutions as well as outside schools within the framework of lifelong and lifewide learning. Frequent attendance increases the requirements in e-learning systems. For example, people want to retrieve necessary data and information easier and faster, group information, or personalize the learning design of a given e-learning course. The standards (such as SCORM) for encoding references among content objects in e-learning materials do not support many new requirements. More general solutions should be found.

Applying ontologies for referencing learning content is a possible solution to satisfy several new requirements.

This presentation treats several new requirements arising from the frequent and long term usage of e-learning courses as well as the benefits of using ontologies for referencing learning contents.

Keywords: e-learning, ontology

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