

## ABSTRACT

*E-learning content being a barrier for E-learning is no longer true on today's Internet. The current concerns are how to effectively annotate and organize available content (both textual and non-textual) to facilitate effective sharing, reusability and customization. In this paper, we explain a component-oriented approach to organize content in an ontology. We also illustrate our 3-tier E-learning Content Management Architecture and relevant Interfaces. We use a simple yet intuitive example to successfully demonstrate the current working prototype which is capable of compiling personalized course materials. The system e-Learning prototype which is capable of compiling personalized course materials. The system e-Learning prototype uses the ontology.*

**Keywords:** *e-Learning, Ontology, Semantic Web*