Abstract

Nowadays, web contains a multitude of information sources and knowledge which often are represented as HTML files. These files can be used as educational resources (ERs) or may contain inside (piece of text, image …) important ERs. In this paper we propose an approach that allows us to extract and annotate these resources in order to store them into Learning
Object Repository (LOR). The users can search ERs through this LOR from different points of view, especially educational type and domain topic. This LOR follows an adaptive research according to the user preferences.

Reference

- Erik Duval, Neil Smith, Marc Van Coillie Application Profiles for Learning, Proceedings of the Sixth International ICALT’06, 2006
- Carsten Ullrich. Pedagogically Founded Courseware Generation for Web-Based Learning -- An HTN-Planning-Based Approach Implemented in PAIGOS, September, Lecture Notes in Artificial Intelligence, Number 5260, Springer, 2008

Index Terms

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Key words

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