Abstract

With energetic development of the Internet, online learning object repositories and web based learning systems have become more and more realistic and popular in the past ten years. One of the essential characteristics of learning object is, it should be discoverable depending on its characteristics. This usually entails tagging them with appropriate descriptive metadata. Learning is a cognitive activity that differs from student to student. Achieving personalization and adaptability is not possible till the learning objects are properly attributed. Again metadata instantiation is a difficult task. The Dublin Core metadata element set and IEEE Learning object metadata are two popular metadata standards that facilitate tagging of learning material. This paper showcases automatic identification of Learning Object Type. Experimental evaluation and results depict satisfaction level of users.

References

- B. Chandrasekaran, J. R. Josephson, V. R. Benjamins, (1999), What are ontologies, and why do we need them?, IEEE Intelligent Systems, 14(1), pp. 20–26
- DublinCore, http://dublincore.org/
Automatic Identification of Learning Object Type


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Keywords

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