

A Study of Using Public Creating Tools of Loosely Coupling to Construct a Digital Management Center for Learning and Sha

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ABSTRACT

Public creating tools, Blog and Wiki, are two of popular network writing tools. They are separately applied to individual learning and collaborative learning and dispersed liked isolated island which can't spread out the whole value of them. Moreover, those contents within public creating tools are static resources, which can't be reuse by SCORM platform. This research considers it will be a great damage to digital learning because of the drain of ideas and learning resources. Public creating tools and SCORM platform are having their unique properties and the way of information processing, and their communications are via network. The integration of them will make knowledge sharing efficiently, but overly integration will cause some bad issues liked tightly coupled, collapse etc. Therefore, it's a critical key that how to integrate those and save their respective property at the same time. The aim of this research is integrating public creating tools, SCORM platform and portfolio for learning management, moreover, this research employ loosely coupling frame to construct a Management Center for Learning and Sharing. Afterward the empirical study of Management Center is based on the laboratory of digital content and learning industry. The result indicate loosely coupling frame can make public creating tools and SCORM platform form a whole, and bring comprehensive efficiency into full play.

Keywords : Blog, Wiki, e-portfolio, loosely coupled, SCORM

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