

混合式無所不在學習架構與學習導引機制

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摘要

Navigation support is one of the important issues in u-learning which has been addressed by many researchers. In the literatures, it has been shown that navigation support mechanisms will promote the learning efficiency of students. However, when the distances of learning objects in a u-learning environment are too far, or the u-learning environment is too crowded, the learning efficiency will be affected because the students will waste a lot of time moving to and from learning objects or waiting for the capacities of fully occupied learning objects are released. To cope with this problem, a hybrid ubiquitous learning framework and a navigation support mechanism that suit this novel learning framework are proposed. The experimental results from simulations show that the proposed approach outperforms the original method.

關鍵字：e-learning, context-aware ubiquitous learning, navigation support