ABSTRACT
Because of e-learning concept popularization gradually, make electronic learning become the new trend of the studying type in the future. And the fast development in SCORM of cause has already become the standard of learning object in recent years, a lot of e-learning system in accordance with follow SCORM standard as new index of e-learning, learning object which accord with SCORM standard are more and more too, learning object which the teacher can choose in editor's teaching material are more and more diversified and complicated. But because like this, Follow and is it can choose how things pass caused information smog and is it remit teaching material necessary cost, etc. issue to compile to increase to come. Because SCORM regards XML as the form of storing, so this paper will regard concept of ontology as this based of searching engine, to design the personalize search engine that can search the teaching material which accords with SCORM, through this personalize searching engine, the user can order necessary Domain Ontology Tree by oneself, the one that set up and appear among the classifications is related, Make the teacher can obtain the necessary teaching material object easily in editor's teaching material, and is regarded as teacher's suggestion in editor's content of courses. Make use of the related characteristic among all teaching material object set up by oneself by user, and searching teaching material by this related structure, The teacher can grade with the making carrying on the teaching material from the guide result searched and the searching of more range. Through this personalize mechanism of searching, This paper can provide a suggestion while searching and studying the objects and editor's teaching file for a teacher, that made the teacher fast found out the proper study objects, and can necessary reduction cost in editor's teaching material in good time, reach the real spirit of E-learning.

Keywords : SCORM, Ontology, Search Engine, Personalize
向
結論
5.1 結論
5.2 未來研究方向

參考文獻

附錄一

REFERENCES

1. 王本正、魏志仲、林余任, 民92, 以學習元件促進電子化學習之研究, ITIS產業論壇, 第五卷第二期。
2. 李長峰、黃仁竑、許政穆, 民91, 符合 SCORM 標準之教材編輯器, 2002「網路學習理論與實務」學術研討會

3. 邱繽瑩, 民92, 開發教材之多媒體編輯工具實作, 國立成功大學工程科學系碩士論文。
4. 沈建男, 民90, Enterprise Java Bean, 學貫出版社, 北京市。
5. 林邦傑, 民90, JSP 程式設計, 知城出版社, 北京市。
6. 林居鴻, 民93, 以知識管理技術深化數位學習成效之研究, 國立高雄第一科技大學資訊管理研究所碩士論文。
7. 林錦泓, 民91, 透過多代理人實作SCORM為基礎的教案推薦系統, 國立高雄師範大學資訊教育研究所碩士論文。
9. 胡訓誠, 民92, 應用本體論設計ISO文件管理資訊系統, 國立高雄第一科技大學資訊管理研究所碩士論文。
10. 張哲銘, 民92, 以使用者偏好分類為基礎之網際資源推薦系統, 國立台灣大學資訊管理研究所碩士論文。
11. 張靖宜, 民92, 符合SCORM規範的中文教材之搜尋引擎設計, 私立逢甲大學資訊工程學系碩士論文。
12. 黃武元、楊岱霖、王錦裕, 2001, 量性化學習系統, 第五屆全球華人教育資訊科技大會第二卷, 中壢, 第921-924頁。
13. 蘇俊銘、曾憲雄、蘇東興、蔡文能(民91)。網路教材內容規範化之發展趨勢。ELTA 2002「網路學習理論與實務」學術研討會。