

以 Web 2.0 的概念下應用代理人與語意網技術於 RSS 搜尋的管理介面建置之研究

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摘要

Web2.0概念與知識分享是最近幾年廣為流行的概念。RSS是Web2.0的關鍵技術之一，也是另外一種形式的知識傳播途徑；但是隨著訂閱的項目越多，對於RSS訂閱者而言無形中就會形成一股壓力。本研究採取Web的介面，使用知識本體並且加入語意與相關字詞的特色，針對已發布的新聞進行相關搜尋，網路使用者可以對新聞標記或評論以利帶動更多的討論與知識生產力。本研究著重於語意的搜尋，使用者建立語意相關詞進行搜尋，應用的部份則是在新聞RSS資訊的搜尋。資料建構是採用知識本體為資料搜尋基礎，知識本體建構方法則是使用TOVE工程法。使用者建立同意詞與相關詞，當進行資料搜尋時，系統就會從知識本體找尋相關詞，並且依據相關詞到資料庫將相關新聞輸出至使用者介面。本研究建立Web介面的RSS管理及搜尋系統，使用者可以透過此平台將新聞知識分享給其他使用者，並且藉由使用者閱讀及對新聞再命名或是標記的動作，將新聞資料建立起相關知識，以期讓後來的資料搜尋可以有更多的參考，並且增加搜尋的準確度。

關鍵詞：Web2.0；TOVE；知識本體；RSS

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