具數位實體概念之互動式展場介面

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摘要

With ubiquitous computing has been used in various fields, Web Service applications related to increasing number of mobile device capabilities and context-aware device technology to enhance, through the computing power and wireless communication technologies, digital systems allow two-way interaction with the physical environment more closely and frequently.

This paper proposes a context awareness based information integration system that uses Radio Frequency Identification (RFID) technology to integrate information content services function of the availability of positioning systems, and use of IEEE 802.11 wireless LAN, deployment a seamless environment exhibition tour, and through the server-side software interface and user interaction, provide proactive technology, Localization, and collaborative exhibition of interactive information services.

關鍵字：Ubiquitous computing, Web Services, Context-aware, RFID, CPS