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基于日志的泛在个人数据同步方法研究

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摘要 泛在环境下个人数据通常分散在不同的应用环境(如桌面、移动终端、服务器)中,如何对其进行一体化管理是应用中的现实需求。数据同步是实现这一过程的关键环节,探讨采用交换操作日志实现个人数据同步的方法,阐述其实现原理、技术思路及基本流程。目前该方法已在e划通系统得到验证。

关键词：　数据同步　操作日志　数据冲突处理

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Abstract： In the ubiquitous environment, personal data is usually distributed in different devices such as PCs, mobile devices and servers, thus achieving its integration management is of urgent need. Data synchronization is the key to complete this process. This paper proposes a method to realize personal data synchronization through exchanging the operation logs, and then illustrates its principle, technical ideas and basic processes. At present, this method has been validated in e-Click system.

Keywords： Data synchronization,　 Operation logs,　 Data conflict resolution

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