

论文

终端业务上下文的定义方法及业务模型

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摘要

该文针对业务上下文仅关注业务质量较少考虑用户终端环境的现状, 提出终端业务上下文的定义方法, 为普适业务的开展提供必要的信息支撑。给出一种终端业务上下文的通用定义方法, 该方法可以提取各类业务场景中终端环境的特征参数, 使其形成可表示、可获知的上下文。提出基于终端业务上下文的业务模型, 给出上下文的存储和使用方法。最后通过一个典型的普适业务接续场景验证了上述定义方法和业务模型。结果表明, 该方法可以有效提取普适业务所需的上下文信息; 基于该模型, 业务平台能够动态适配异构的终端环境, 为用户提供个性化终端呈现和接续服务。

关键词 [通信网络](#) [终端业务上下文](#) [定义方法](#) [业务模型](#) [终端业务环境](#)

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Terminal Service Context Definition Method and Service Model

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Abstract

While current research on service context mainly focuses on service quality and seldom consider personal terminal environment, a terminal environment related context named Terminal Service Context is proposed, which could provide essential information support for ubiquitous services. A general terminal service context definition method is provided, which could draw feature parameters of terminal environment for all kinds of service scenarios, and form formalized and retrievable contexts. Furthermore, service model based on the terminal service context is given and the storage and application methods of the context are analyzed. Finally, the proposed definition method and service model are verified by a typical ubiquitous service scenario. The results show that the method can extract the context required by ubiquitous service. Based on the model, service platform can adapt to heterogeneous terminal environments dynamically, and provide individualized presentation and handoff services for users.

Key words [Communication network](#) [Terminal service context](#) [Definition method](#) [Service model](#) [Terminal service environment](#)

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