

学术研究

Post-WIMP界面隐式交互特征研究

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收稿日期 修回日期 网络版发布日期 2007-7-30 接受日期

摘要 首先从认知心理学的角度对Post-WIMP界面下的隐式交互特征进行分析和描述。然后通过对传统界面的交互任务生成结构和Post-WIMP界面的交互任务生成结构进行比较, 分析Post-WIMP界面交互任务的生成特点。根据这些特点提出了利用识别技术、上下文感知技术和用户修正技术 (User Mediation) 相结合的方法来支持Post-WIMP界面的隐式交互, 并构造了Post-WIMP界面的交互任务生成框架。这些隐式交互特征的研究将为建立Post-WIMP界面软件框架和交互平台提供底层支持。

关键词 [Post-WIMP](#) [隐式交互](#) [交互任务](#)

分类号

Research on the implicit interaction characteristic of Post-WIMP user interface

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Abstract

The paper firstly analyzes and describes the characteristic of implicit interaction in Post-WIMP interface from the view of cognitive psychology. And then by comparing the interaction task generation structures in traditional interface and in Post-WIMP interface, it analyzes the interaction task generation characteristics in Post-WIMP interface. Based on these characteristics, the paper proposes a method to support implicit interaction in Post-WIMP interface, which combines recognition techniques, context-aware techniques and user mediation techniques. In addition, it constructs the interaction task generation framework in Post-WIMP interface. The research on implicit interaction characteristics will be very useful for building software framework and interaction platform of Post-WIMP interface.

Key words [Post-WIMP](#) [implicit interactions](#) [interaction task](#)

DOI:

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