
一种基于 Web Intelligence 的智能信息代理系统初探

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摘要: 全球信息化的进程中, 面对信息量急剧膨胀的 Internet 数据资源, 用户对特定信息的查询, 很难获得满意的答案。本文通过智能信息代理 (IIA) 的分析, 对网络智能化作了初步假设与处理, 讨论和设计了智能信息代理系统 (IIAS) 的功能模块, 并作了仿真。目的是使网络具备“代理人”的身份, 能代表用户完成信息收集、信息过滤等工作, 将消除信息过载和信息迷途纳入对用户的整个服务体系之中, 最终实现“信息代理”和网络资源的优化配置。

关键词: 网络智能; 人工智能; 智能信息代理; 信息检索

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An intelligent information agent system based on Web Intelligence

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Abstract: With the globalization of telecommunications, the ever-expanding online databases and resources have created an increasingly difficult situation for online searches of specialized information. This paper serves as a hypothesis and proposal for web intelligence with a detailed description of intelligent information agent (IIA) — a way to make the Internet capable of being a personal representative for us and thus making online searches faster and better. This agent will help us collect and filter information in such a way that will enable us users to search more specifically and efficiently. We also design intelligent information agent system (IIAS). In a word, IIA will become a better way to serve our need in this era of enormous online data resources.

Key words: Web Intelligence; artificial intelligent; intelligent information agent; information searches