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情报分析与研究

利用交互历史进行P2P知识共享社区发现的研究

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  - 摘要
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摘要 提出一种利用用户交互历史实现P2P社区发现的方法。研究知识共享过程中交互历史的产生,根据交互历史形成用户交互网络,计 算用户相似度;对用户进行聚类分析发现P2P环境下自组织形成的知识共享社区。最后通过实验验证该方法的可行性和有效性。

关键词: 知识共享社区 交互历史 用户交互网络

Abstract: In this paper, a P2P community discovery method based on interaction history of knowledge sharing is proposed. At first, a research on the generation of interaction history during the knowledge sharing process is conducted, the user interaction network is formed on the basic of interaction history and the similarities between users are calculated. Then, the clustering analysis approach is used to discover the self-organized P2P knowledge sharing community. Finally, an experiment is designed to verify the feasibility and efficiency of the method.

Keywords: Knowledge sharing community, Interaction history, User interaction network

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