



RESEARCH ARTICLE

USER GUIDED WEB BASED INTERACTION IN MIXED SERVICE ORIENTED SYSTEM

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Abstract— A mixed service-oriented system composed of both human-provided and Software-Based Services interacting to perform joint activities or to solve emerging problems. Discovering right actor in the mixed service oriented system is challenging one. The trust between members is a key factor for successful collaborations. HPS allows experts to offer their skills and capabilities as services that can be requested on demand. The main complexity is response time will take more between the members. The trust based algorithm called Expert HITS are proposed to solve this problem. It based on the concept of hubs and authorities in web-based environments. Expert HITS promoting well-connected and rated hubs. The Expert Web is proposed and it consisting of connected experts that provide help and support in a service oriented manner. The members of the Expert Web are humans. The expert seekers send requests for support, abbreviated as RFSs. Experts may also delegate RFSs to other experts in the network, when they are not able to provide satisfying responses.

Key Terms: - *Human-provided services; Software-Based Services; trust; hubs; authorities*

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