

Eliciting Service Composition in a Goal Driven Manner

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ABSTRACT

The connectivity generated by the Internet is opening opportunities of services composition. As a consequence, organizations are forming online alliances in order to deliver integrated value-added services. However, due to the lack of methodologies and tools, the development of such composite service across organizations is usually ad-hoc and poses problems especially in the identification, composition and orchestration issues. In this paper, we propose a *goal driven approach* to understand the needs of different organizations for a new added-value composite service and to model the cooperative process supporting this service provision in a declarative, goal driven manner. The goal model called *Map*, is then used for service elicitation, distribution and orchestration. The paper presents the approach and illustrates it with an e-government cooperative service