An Agent-Service Oriented Framework for Online Contracts in Virtual Organizations

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Abstract : Contracting is known as one of the important tasks in virtual organization creation. Contracting is a costly process in terms of time and effort. One way to cut the time and effort is conducting contract electronically. The online contracting enable us to form virtual organization (VO) dynamically. This work presents an agent-service oriented framework for online contracting in virtual organizations. The proposed framework considers the main aspects and steps of traditional contracting process and uses the efficiency of service and agent based methodologies in order to provide a flexible and efficient way to establish contracts electronically in a VO.