ALIVE: Combining Organisational and Coordination Theory with Model Driven Approaches to develop Dynamic, Flexible, Distributed Business Systems

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Abstract

Enterprise systems are increasingly behaving as nodes in a digital, dynamic ecosystem. On the one hand, this new situation requires flexible, spontaneous and opportunistic collaboration activities to be identified and established among business parties. On the other hand, it also requires engineering approaches able to integrate new functionalities and behaviours into running systems and active, distributed, interdependent processes. This seminar will present the ongoing research in the ALIVE project, including its formal framework and multi-level architecture, which combine organisational, institutional and coordination theories with model driven development, for the implementation, deployment and management of dynamic, flexible and robust service-oriented business applications.