AVVISO DI SEMINARIO

Lunedì 25 novembre 2013
Alle ore 15.00
Nella Sala Seminari del DISCO

Eric Badouel
IRISA/INRIA Rennes
terrà un seminario dal titolo

Workspaces: A Grammatical Approach to Data-centric Case Management in a Distributed Collaborative Environment

Abstract:

We propose a decentralized and purely declarative approach to artifact-centric collaborative systems. The workspace of a stakeholder has a tree-like structure. Its nodes bear information that combines data and computations. The latter are given by semantic rules used to derive data values from information stemming from the context of the node --as in a spreadsheet system-- and/or to interact with the stakeholder. Stakeholders communicate through asynchronous message passing without shared memory. The content of a message is a form which upon reception may enact production rules. When it is triggered a production rule updates the workspace of the recipient by adding new nodes, initializing the value of some of their attributes, and making subscription for the values of some other attributes.

Short Bio:

Eric Badouel obtained his PhD in Computer Science in 1990 and his HDR (Tenure) in Computer Science in 1999 from University of Rennes 1. He joined Inria in 1990. He was Head of the Computer Science Department of Ecole Nationale Supérieur Polytechnique in Yaoundé (Cameroon) from 1999 to 2003. He is Associate Editor of the ARIMA journal, member of the Board of SARIMA and of the Steering Committee of LIRIMA, and he is the Secretary of the Permanent Committee of the CARI. His research activities are concerned with models of concurrency with a particular interest on Petri net synthesis, and on declarative models of data-centric Business process models.

Il seminario è aperto a tutti gli interessati.

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