



PRO-VE'10 Special Sessions

Semantic interoperability for virtual organizations

Sponsored by:

GDR-MACS – WG Easy-Dim “Model-Driven Engineering of Enterprise and Information Systems”

Interop GSO (member of European virtual laboratory for Enterprise Interoperability)

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Scope

Enterprise Interoperability refers the organisational and technical ability to adapt collaborative networks, confronted to changing contexts. If interoperability at the technical or business process levels can be correctly addressed today with model-based engineering approaches, semantics still remains a barrier both at a conceptual and practical level for enterprise collaborative networks. However, interoperability will be effective if, and only if, mutual understanding of partners is achieved. This requires coping with various kind of semantic heterogeneity, using adapted methodologies. Such a problem cannot be addressed properly without intensive reference to knowledge representation at a conceptual level. Building and putting into practice different kinds of ontology for model driven engineering has been one of the most promising issues to fill this semantic gap. At a practical level, interoperability service utilities (e.g. semantic mediation) can be configured and integrated in the collaboration space.

Please note that the best papers of PRO-VE Conference will be considered for Special Issues in International Journals (List available on the web site).

Topics

Semantic interoperability
Semantic mediation for virtual organizations
Ontology for enterprise interoperability
Ontology integration and alignment
Reference ontologies for virtual enterprises
Web services for enterprise interoperability

Submission procedure

Short abstracts submission: Open till March 30th

Full papers submission: March, 30th, 2010

Acceptance Notice: May, 15th, 2010

Camera Ready Submission: June, 13th, 2010

*Acceptance of papers is based on the **full paper** (up to **8 pages**). Each paper will be evaluated by three members of the International Program Committee. However, prospective authors should submit a short abstract in advance, in order to check if the proposed topic fits within the conference scope.*

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When submitting on the web site, you have to indicate the name of the special session.
Submission on: www.pro-ve.org, with copy by email to the chairs of the special session.