AgentLink III TF2 - Agent-Oriented Software Engineering TFG Call for Contributions

Agentlink III – TF2 dates: 28 February - 2 March, 2005
AOSE TFG Meeting dates: TBD
Location: Ljubljana, Slovenia

Contact (Chair): Massimo Cossentino, ICAR-CNR (Italian National Research Council), cossentino@pa.icar.cnr.it.

TFG AOSE web site: http://www.pa.icar.cnr.it/~cossentino/al3tf2
AgentLink III - TF2 web site: http://www.agentlink.org/activities/al3-tf/tf2/index.html
AgentLink III web site: http://www.agentlink.org

Scope and Aims of the TFG AOSE

The scope of this TFG is to work on agent-oriented software engineering (AOSE) main challenges. These include all the topics presented in the AgentLink II Roadmap and some others proposed by TFG supporters.

In the first meeting (in Rome), the TFG activity was divided in two different sessions: the first session dealt with methodologies and MAS (multi-agent system) meta-models. In the second session, we discussed about methodologies evaluation, ideas for future activity of this TFG and future trends in AOSE. A large number of people attended the two different sessions and a total number of 17 talks have been presented.

In the second meeting the same (and in the meanwhile enlarged) group of supporters proposes to continue the already initiated activity mainly in two directions:

1. MAS meta-model: discussion of one or more unification proposals.
2. Methodologies evaluation: first step of the work for the identification of
   a. a framework for methodologies evaluation
   b. a set of case studies

   Success stories in the field will be considered as well in order to motivate agent-oriented software engineers to adopt and apply evaluation approaches in their work.

During the activity of this forum the proposed aims are:

- Refining the contributions about MAS meta-models that some supporters are already preparing. This activity will lead to the identification (and formalization) of one or a few meta-models that will meet a sufficient consensus to be adopted as a common reference point by the European research community in this area.
- Starting a discussion on methodologies evaluation approaches, benchmarks, metrics, case studies and verifying the possibility of starting a collaborative work for the identification of a largely agreed framework (to be completed in the next TFG).

How to Participate?

Four ways of participating to this event are possible:

- By answering the call for contributions about a specific MAS meta-model. Send a short text (up to 5 pages) describing the meta-model to the TFG's chair (see below) by Feb 13rd.
- By sending a statement of interest in supporting an activity about methodologies evaluation. If available, also provide some information about useful case-studies, benchmarks, significant parameters and quality indexes of design methodologies. We are particularly interested in success stories on the field. Received statements of interest and materials will be discussed during the meeting and will help in defining the directions for the next TFG proposal. Send the descriptive text in a file (raw text, pdf, ps or MS Word) to the chair by Feb 20th.
- By proposing a talk about any AOSE-related topic. Proposals will be evaluated by the Program Committee and will be scheduled only in a very limited number.
- By attending the meeting.

Program Committee

- Carole Bernon, Institut de Recherche en Informatique de Toulouse, University Paul Sabatier, Toulouse, France, bernon@irit.fr – http://www.irit.fr/SMAC.
- Juan Pavón, Universidad Complutense Madrid, jpavon@sip.ucm.es, http://grasia.fdi.ucm.es.
- Paola Turci, University of Parma, Parma (Italy), turci@ce.unipr.it.
- Franco Zambonelli, University of Modena and Reggio Emilia, franco.zambonelli@unimore.it, http://www.dismi.unimo.it/Zambonelli/.