Jack metamodel

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1. Description

EMF-based meta-model for the agent models that can be executed in the Jack Intelligent Agents environment. The meta-model is right now very close to the PSM models that are directly used by Jack. A more abstract meta-model is right now under development.

2. Datasheet

Name of result	Meta-model for the JACK Agent Platform
Contact	Christian Hahn
Contributors	DFKI
Relationships to other projects	A5 regarding service composition
Result type	Model/metamodel
Software deployment	Not applicable
Publicly available	No
Status	Prototype
Summary of functionality	EMF-based meta-model for the agent models that can be executed in the Jack Intelligent Agents environment. The meta-model is right now very close to the PSM models that are directly used by Jack. A more abstract meta-model is right now under development.
Benefits and contributions to interoperability	The meta-model for the Jack environment provides that basis for the PIM4SOA to Jack model mapping and therefore the basis for the integration of agents with the overall ATHENA framework.
Validation and demonstration activitities	Will be done together with the investigation of the model mapping in the evaluation of the PIM4SOA to Jack transformation.
Standardisation links	• http://www.fipa.org/http://www.fipa.org/ • http://www.agentlink.org/http://www.agentlink.org/
Requirements and dependencies	
Comments	

3. Installation guide

Download eclipse 3.1 from http://www.eclipse.org/ and install it on your local machine.

- AgentMM V0.1
  - Download the zip archive AgentMM.zip and uncompress it in a directory of your convenience.
  - Follow the instructions in the README.txt file

- AgentMM V1.0
  - For this version of the metamodel a serialisation to Jack code is not yet available. Please use the instructions from AgentMM V0.1 on how to import the metamodel into eclipse.

4. User guide

<TBD>