

Model-driven integration of JACK and Web Services

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1. Datasheet

Solution data	
Name	Model-driven integration of JACK and Web services
Result type	Methodology/guideline
Description/functionality	The model-driven integration of the Jack Agent platform into a Web service environment extends the PIM4SOA to JACK Agent platform model transformation. With the help of the WSDL Analyzer, a generated instance of the Jack meta-model is adapted to a specific scenario with possibly changing partners.
Benefits to interoperability	The model-driven integration of the Jack agent platform into a Web service environment contributes to the integration of agent technologies into the ATHENA interoperability framework.
Supported models/methodologies	-
Supported input interfaces	-
Supported output interfaces	-
Validation/demonstration	Will be done with respect to the different scenarios in the ATHENA project.
Standards compliance	-
Availability	-
License	-
Status	Concept
Requirements/dependencies	<ul style="list-style-type: none"> • Instance of Jack meta-model • WSDL Analyzer
Web references	-
ATHENA metadata	
Contact person	Klaus Fischer, DFKI
Contributors	DFKI
Provided by project/activity	<ul style="list-style-type: none"> • A5 – Planned and Customisable Service-Oriented Architectures

	<ul style="list-style-type: none">• A6 – Model-driven and Adaptive Interoperability Architectures
Deliverables representing result	-
Contribution to key result	<ul style="list-style-type: none">• 12. Service Composition Framework• 13. Model-driven and Adaptable Interoperability Framework and Infrastructure
Used in pilot	-
Deliverable providing evaluation	-