RSM PIM4SOA Profiles Feature

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1. Datasheet

Solution data	
Name	RSM PIM4SOA Profiles Feature
Result type	Modelling tool
Description/functionality	The main functionality of the UML profile for PIM4SOA is to be able to represent the four main aspects involved in the PIM4SOA metamodel: service, process, information and quality of service. This profile is defined based on UML2.0 and tailored for Rational Software Modeller environment. This specialisation adds to the environment (palette) the elements of the aspects represented in the PIM4SOA metamodel.
Benefits to interoperability	Basically the UML profile is the graphical representation of PIM4SOA and therefore the benefits and contributions are based on the role played by the PIM4SOA within the architecture.
Supported models/methodologies	UML profile for PIM4SOA
Supported input interfaces	-
Supported output interfaces	-
Validation/demonstration	The eprocurement scenario has been used to validate this approach.
Standards compliance	This profile is based on UML2.0 profiling facilities and then there is a link with UML2.0 standard. http://www.omg.org/docs/ptc/03-09-15.pdf
Availability	• Binary download • Source code
License	Eclipse Public License
Status	Prototype
Requirements/dependencies	RSM (Rational Software Modeler)
Web references	• Website: http://pim4soa.sourceforge.net/ • Source code: http://sourceforge.net/projects/pim4soa/
ATHENA metadata	

Contact person	Xabier Larrucea, ESI
Contributors	ESI
Provided by project/activity	• A6 – Model-driven and Adaptive Interoperability Architectures
Deliverables representing result	D.A6.4 "Model-Driven and Adaptable Interoperability Infrastructure" (M24)
Contribution to key result	• 13. Model-driven and Adaptable Interoperability Framework and Infrastructure
Used in pilot	The eprocurement scenario has been used to validate this approach.
Deliverable providing evaluation	D.A6.4 "Model-Driven and Adaptable Interoperability Infrastructure" (M24)