Overview

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1. Overview of demonstrators

1.1. A5 demonstrators

Demonstrator	Used tools	Integration with project	Description of integration
Discovery of services based on similarity of service description and subsequent runtime adaption of messages	WSDL Analyzer		
Automatic compliance check with Web Service specifications	Lyndon/Johnson		
Creation of logical services for use in Business Processes	Lyndon/Johnson	A2	The logical services are used by the Gabriel tool from A2
Automatic UI generation for Web Services	Lyndon/Johnson		
Transformation from PIM4SOA into PSM models for JACK	JACK	A6	The tool uses PIM4SOA
Transformation from ACE-GIS and PIM4SOA to OWL-S	UMT2OWLS	A6	The tool uses PIM4SOA
Johnson as semantic mediator	ARES and Johnson	A3	Johnson leverages ARES to provide semantic mediation

1.2. A6 demonstrators

Demonstrator	Leading partner	Used tools	Integration with project	Description of integration
Model-driven business process integration with PIM4SOA based on EADS scenario	IBM	PIM4SOA Tools (including Metamodels, Plugins, Web Service transformations, and Jack Transformation)	• A1 • A2 • A5	• mapping from POP* to PIM4SOA • mapping from MAESTRO and ARIS EPC to PIM4SOA • mapping to

				PSM webservice models
P2P Business Resource Management Framework (CPD demonstrator)	SIEMENS	BRMF	B5	Preliminary version of CPD pilot
Jack EMF Model (preferrably in conjunction with PIM4SOA)	DFKI	Jack Model and Transformations		
Semantic UML Mapping and Mediation (extended version of Athens demo)	SINTEF	Semaphore	A3	Could read PIM4SOA instances
MOF-based repository	SAP	MOF repository		
MDI Online help system	SINTEF	in conjunction with PIM4SOA tools	A4	
Portal: enterprise models for Collaboration space	Troux	POP*	A1 + A2	Use enterprise modeling to describe ATHENA solutions and how they interwork;