ATHENA Interoperability Framework (AIF)

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1. Datasheet

Solution data	
Name	ATHENA Interoperability Framework (AIF)
Result type	Framework
Description/functionality	The framework aims at providing solution developers and integrators with guidelines on how to use the ATHENA solutions in addressing their business needs and technical requirements for interoperability. The framework is structured into three main parts: • Conceptual integration which focuses on concepts, metamodels, languages and model relationships. It provides us with a foundation for systemising various aspects of software model interoperability. • Technical integration which focuses on the software development and execution environments. It provides us with development tools for developing software models and execution platforms for executing software models. • Applicative integration which focuses on methodologies, standards and domain models. It provides us with guidelines, principles and patterns that can be used to solve software interoperability issues.
Benefits to interoperability	A framework for relating solution approaches to problem areas of interoperability.
Supported models/methodologies	-
Supported input interfaces	-
Supported output interfaces	-
Validation/demonstration	Providing a reference framework for the various pilots.
Standards compliance	-
Availability	-
License	-
Status	Prototype
Requirements/dependencies	-

Web references	• Website: http://athena.akmodeling.com/Team/Repository/Projects/Project_207
Composed of the following solutions	
Conceptual	List of conceptual solutions
Applicative	List of applicative solutions
Technical	List of technical solutions
ATHENA metadata	
Contact person	Arne-Jørgen Berre, SINTEF
Contributors	SINTEF, TXT, FHG IPK, SAP, TROUX, EADS, CRF, FORMULA, INTRACOM, ESI, SIEMENS, AIDIMA
Provided by project/activity	• A4 – Interoperability Framework and Services for Networked Enterprises
Deliverables representing result	D.A4.2 "Specification of Interoperability Framwork and Profiles, Guidelines and Best Practices" (M36)
Contribution to key result	• 6. Reference Architecture
Used in pilot	Providing a reference framework for the various pilots
Deliverable providing evaluation	-