THEMIS

<!-- -->

Table of contents

1. Datasheet

Solution data	
Name	THEMIS
Result type	• Software tool
Description/functionality	This result describes a repository and service for storing, managing and retrieving RDF schemas. A3 has chosen to use RDF and RDFS as main format for the resources that have to be reconciled. As the full A3 tool chain consisting of multiple tools (including ATHOS, A*, ARGOS, ARES) is involved in the reconciliation process and needs access to the RDF schemas A3 has chosen also to build its own repository for sharing RDF schemas. Each model is related to annotations, semantic rules and so on. Using a single repository enables reusing these relations between models and other resources, maintaining external references that can be used in the integration of the different software components. THEMIS not only has the role of a repository but it also provides a set of services used for the integration of the other A3 tools..
Benefits to interoperability	The solution provides a common and shareable repository for the models used in A3; uniform access to RDF schema and a base for integration of the A3 results.
Supported models/methodologies	-
Supported input interfaces	Set of servicies for managing RDF and RDFS files
Supported output interfaces	Set of servicies for managing RDF and RDFS files
Validation/demonstration	• AIAG: eKanban Pilot • AIDIMA: eProcurement Pilot • EADS: Change management process • CRF: Automotive Pilot
Standards compliance	-
Availability	-
License	-

Status	-
Requirements/dependencies	-
Web references	-
ATHENA metadata	
Contact person	Lorenzo Pondrelli, FORMULA
Contributors	-
Provided by project/activity	• A3 – Knowledge Support and Semantic Mediation Solutions
Deliverables representing result	D.A3.5: A reconciliation and mediation engine, capable to efficiently process semantic mediation and reconciliation rules (M24)
Contribution to key result	• 11. Ontology-based Semantic Annotation and Reconciliation method/language/tool
Used in pilot	• AIAG: eKanban Pilot • AIDIMA: eProcurement Pilot • EADS: Change management process • CRF: Automotive Pilot
Deliverable providing evaluation	-