**Inventory of Files for the API4KP Revised Submission**

Document Number: ad/2021-02-02

Name of Submission/RFC/RTF/FTF Process: Application Programming Interfaces (APIs) to Knowledge Bases (KB) RFP

Primary Contact for this Submission: Elisa Kendall, Thematix Partners LLC

Primary Specification: Assigned Acronym: API4KP

Title: Application Programming Interfaces for Knowledge Platforms (API4KP) Doc Number: ad/2021-02-01 Description: Primary specification document for API4KPs (MSWord) Normative: Yes URL: https://www.omg.org/spec/API4KP/1.0/Alpha2/

Report from RTF/FTFs: N/A Title: Doc Number:

Additional Documents:

Title: OpenAPI Documentation Subitle: KnowledgeArtifactRepository.html Doc Number: ad/2021-02-04 Description: KnowledgeArtifactRepository.html API and SDK Documentation Normative: Yes URL: https://www.omg.org/spec/API4KP/1.0/KnowledgeArtifactRepository.html

Title: OpenAPI Documentation Subitle: KnowledgeBaseConstruction.html Doc Number: ad/2021-02-04 Description: KnowledgeBaseConstruction.html API and SDK Documentation Normative: Yes URL: https://www.omg.org/spec/API4KP/1.0/KnowledgeBaseConstruction.html

Title: OpenAPI Documentation Subitle: KnowledgeAssetTransrepresentation.html Doc Number: ad/2021-02-04 Description: KnowledgeAssetTransrepresentation.html API and SDK Documentation Normative: Yes URL: https://www.omg.org/spec/API4KP/1.0/KnowledgeAssetTransrepresentation.html

Title: OpenAPI Documentation Subitle: KnowledgeAssetRepository.html Doc Number: ad/2021-02-04 Description: KnowledgeAssetRepository.html API and SDK Documentation Normative: Yes URL: https://www.omg.org/spec/API4KP/1.0/KnowledgeAssetRepository.html

Title: OpenAPI Documentation Subitle: KnowledgeReasoning.html Doc Number: ad/2021-02-04 Description: KnowledgeReasoning.html API and SDK Documentation Normative: Yes URL: https://www.omg.org/spec/API4KP/1.0/KnowledgeReasoning.html

*Note to OMG Staff: Each of these documents is, itself, an HTML document that should be deployed on the OMG server as navigable reference in section 7.2 of the specification document.*

Title: API4KP Inventory File Doc Number: ad/2021-02-02 Description: Inventory Normative: No (ancillary) URL: none

Machine consumable file(s): Version: 20210201

UML Models

Description: API4KP UML models for the APIs (.xmi) Doc Number: ad/2021-02-03 Filename: api4kp.xmi Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/api4kp.xmi

Description: API4KP UML models for the APIs (.xmi) Doc Number: ad/2021-02-03 Filename: api4kp\_uml\_profiles.xmi Normative: Yes Dependencies: api4kp.xmi URL: https://www.omg.org/spec/API4KP/20210201/api4kp\_uml\_profiles.xmi

Description: API4KP UML models for the APIs (.xmi) Doc Number: ad/2021-02-03 Filename: vocabs.xmi Normative: Yes Dependencies: api4kp\_uml\_profiles.xmi,api4kp.xmi URL: https://www.omg.org/spec/API4KP/20210201/vocabs.xmi

OpenAPI Specs

Description: API4KP OpenAPI 3.x API Spec Files (.yaml) Doc Number: ad/2021-02-05 Filename: knowledgeAssetRepository.oas.yaml Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/knowledgeAssetRepository.oas.yaml

Description: API4KP OpenAPI 3.x API Spec Files (.yaml) Doc Number: ad/2021-02-05 Filename: knowledgeBaseConstruction.oas.yaml Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/knowledgeBaseConstruction.oas.yaml

Description: API4KP OpenAPI 3.x API Spec Files (.yaml) Doc Number: ad/2021-02-05 Filename: knowledgeReasoning.oas.yaml Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/knowledgeReasoning.oas.yaml

Description: API4KP OpenAPI 3.x API Spec Files (.yaml) Doc Number: ad/2021-02-05 Filename: knowledgeAssetTransrepresentation.oas.yaml Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/knowledgeAssetTransrepresentation.oas.yaml

Description: API4KP OpenAPI 3.x API Spec Files (.yaml) Doc Number: ad/2021-02-05 Filename: knowledgeArtifactRepository.oas.yaml Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/knowledgeArtifactRepository.oas.yaml

OWL Ontologies

*Note to OMG Staff: The .rdf files listed below as a part of ad/2021-02-06 are OWL ontologies and should be posted to both the versioned and non-versioned URLs to facilitate ‘follow-your-nose’ style loading in ontology tools.*

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp.rdf Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/api4kp.rdf URL: https://www.omg.org/spec/API4KP/api4kp.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-series.rdf Normative: Yes Dependencies: api4kp.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-series.rdf URL: https://www.omg.org/spec/API4KP/api4kp-series.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-kp.rdf Normative: Yes Dependencies: api4kp.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-kp.rdf URL: https://www.omg.org/spec/API4KP/api4kp-kp.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-rel.rdf Normative: Yes Dependencies: api4kp.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-rel.rdf URL: https://www.omg.org/spec/API4KP/api4kp-rel.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-lang.rdf Normative: Yes Dependencies: api4kp.rdf,api4kp-series.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-lang.rdf URL: https://www.omg.org/spec/API4KP/api4kp-lang.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-krr.rdf Normative: Yes Dependencies: api4kp.rdf,api4kp-lang.rdf,api4kp-series.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-krr.rdf URL: https://www.omg.org/spec/API4KP/api4kp-krr.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-ops.rdf Normative: Yes Dependencies: api4kp.rdf,api4kp-krr.rdf,api4kp-lang.rdf,api4kp-rel.rdf,api4kp-series.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-ops.rdf URL: https://www.omg.org/spec/API4KP/api4kp-ops.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-kao.rdf Normative: Yes Dependencies: api4kp.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-kao.rdf URL: https://www.omg.org/spec/API4KP/api4kp-kao.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-registry.rdf Normative: No (ancillary) Dependencies: api4kp.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-registry.rdf URL: https://www.omg.org/spec/API4KP/api4kp-registry.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-ckao.rdf Normative: No (ancillary) Dependencies: api4kp.rdf,api4kp-kao.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-ckao.rdf URL: https://www.omg.org/spec/API4KP/api4kp-ckao.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-kmdo.rdf Normative: No (ancillary) Dependencies: api4kp.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-kmdo.rdf URL: https://www.omg.org/spec/API4KP/api4kp-kmdo.rdf

Description: API4KP RDF/XML-serialized OWL ontologies (.rdf) Doc Number: ad/2021-02-06 Filename: api4kp-kpc.rdf Normative: No (ancillary) Dependencies: api4kp.rdf,api4kp-kp.rdf URL: https://www.omg.org/spec/API4KP/20210201/api4kp-kpc.rdf URL: https://www.omg.org/spec/API4KP/api4kp-kpc.rdf

Datatype Schemas

Description: API4KP XML Schemas derived from the UML model files (.xsd) Doc Number: ad/2021-02-08 Filename: services.xsd Normative: Yes Dependencies: id.xsd URL: https://www.omg.org/spec/API4KP/20210201/api4kp/services/services.xsd

Description: API4KP XML Schemas derived from the UML model files (.xsd) Doc Number: ad/2021-02-08 Filename: inference.xsd Normative: Yes Dependencies: services.xsd URL: https://www.omg.org/spec/API4KP/20210201/api4kp/services/inference/inference.xsd

Description: API4KP XML Schemas derived from the UML model files (.xsd) Doc Number: ad/2021-02-08 Filename: api4kp.xsd Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/api4kp/api4kp.xsd

Description: API4KP XML Schemas derived from the UML model files (.xsd) Doc Number: ad/2021-02-08 Filename: id.xsd Normative: Yes Dependencies: api4kp.xsd URL: https://www.omg.org/spec/API4KP/20210201/api4kp/id/id.xsd

Description: API4KP XML Schemas derived from the UML model files (.xsd) Doc Number: ad/2021-02-08 Filename: surrogate.xsd Normative: Yes Dependencies: id.xsd,services.xsd URL: https://www.omg.org/spec/API4KP/20210201/surrogate/surrogate.xsd

Description: API4KP XML Schemas derived from the UML model files (.xsd) Doc Number: ad/2021-02-08 Filename: repository.xsd Normative: Yes Dependencies: services.xsd URL: https://www.omg.org/spec/API4KP/20210201/api4kp/services/repository/repository.xsd

Description: API4KP XML Schemas derived from the UML model files (.xsd) Doc Number: ad/2021-02-08 Filename: datatypes.xsd Normative: Yes Dependencies: none URL: https://www.omg.org/spec/API4KP/20210201/api4kp/datatypes/datatypes.xsd

Description: API4KP XML Schemas derived from the UML model files (.xsd) Doc Number: ad/2021-02-08 Filename: transrepresentation.xsd Normative: Yes Dependencies: services.xsd URL: https://www.omg.org/spec/API4KP/20210201/api4kp/services/transrepresentation/transrepresentation.xsd