

ISO/IEC 24800-2:2021 (E)

Information technology — JPSearch — Part 2: Registration, identification and management of schema and ontology

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Conventions
4.1	Naming convention
4.2	Document convention
4.3	Wrapper of the schema
5	JPSearch Core Metadata Schema
5.1	General
5.2	JPSearchCoreType
5.2.1	General
5.2.2	Syntax
5.2.3	Semantic
5.2.4	Example
5.3	PersonNameType
5.3.1	General
5.3.2	Syntax
5.3.3	Semantic
5.3.4	Example
5.4	SourceType
5.4.1	General
5.4.2	Syntax
5.4.3	Semantic
5.4.4	Example
5.5	PublisherType
5.5.1	General
5.5.2	Syntax
5.5.3	Semantic
5.5.4	Example
5.6	RightsDescriptionType
5.6.1	General
5.6.2	Syntax
5.6.3	Semantics
5.6.4	Example
5.7	PlaceType
5.7.1	General
5.7.2	Syntax
5.7.3	Semantics
5.7.4	Example
5.8	PersonType
5.8.1	General
5.8.2	Syntax
5.8.3	Semantics
5.8.4	Example
5.9	OrganizationType

5.9.1	General
5.9.2	Syntax
5.9.3	Semantics
5.9.4	Example
5.10	EventType
5.10.1	General
5.10.2	Syntax
5.10.3	Semantics
5.10.4	Example
5.11	ObjectType
5.11.1	General
5.11.2	Syntax
5.11.3	Semantics
5.11.4	Example
5.12	RegionOfInterestType
5.12.1	General
5.12.2	Syntax
5.12.3	Semantics
5.12.4	Example
5.13	RegionLocatorType
5.13.1	General
5.13.2	Syntax
5.13.3	Semantics
5.13.4	Example
5.14	ExternalDescriptonType
5.14.1	General
5.14.2	Syntax
5.14.3	Semantics
5.14.4	Example
5.15	ControlledRatingTermType
5.15.1	General
5.15.2	Syntax
5.15.3	Semantics
5.15.4	Example
5.16	ImageIdentifierType
5.16.1	General
5.16.2	Syntax
5.16.3	Semantics
5.16.4	Example
5.17	GPSPositioningType
5.17.1	General
5.17.2	Syntax
5.17.3	Semantics
5.17.4	Example

6 Management of core schema and translation rules

6.1	General
6.2	Wrapper of the schema
6.3	Root element
6.3.1	General
6.3.2	Syntax
6.3.3	Semantics
6.3.4	Example
6.4	RegisterInputType
6.4.1	General
6.4.2	Syntax
6.4.3	Semantics
6.4.4	Example
6.5	RequestInputType
6.5.1	General
6.5.2	Syntax
6.5.3	Semantics
6.5.4	Example
6.6	RequestOutputType

- 6.6.1 General
- 6.6.2 Syntax
- 6.6.3 Semantics
- 6.6.4 Example
- 6.7 ProviderInformationType
- 6.7.1 General
- 6.7.2 Syntax
- 6.7.3 Syntax
- 6.7.4 Example
- 6.8 ContactType
- 6.8.1 General
- 6.8.2 Syntax
- 6.8.3 Semantics
- 6.8.4 Example
- 6.9 QueryCapabilityType
- 6.9.1 General
- 6.9.2 Syntax
- 6.9.3 Semantics
- 6.9.4 Example
- 6.10 BenchmarkCapabilityType
- 6.10.1 General
- 6.10.2 Syntax
- 6.10.3 Semantics
- 6.10.4 Example
- 6.11 ExtensionCapabilityType
- 6.11.1 General
- 6.11.2 Syntax
- 6.11.3 Semantics
- 6.11.4 Example
- 6.12 SchemaType
- 6.12.1 General
- 6.12.2 Syntax
- 6.12.3 Semantics
- 6.12.4 Example
- 6.13 ReplaceInputType
- 6.13.1 General
- 6.13.2 Syntax
- 6.13.3 Semantics
- 6.13.4 Example
- 6.14 ReplaceOutputType
- 6.14.1 General
- 6.14.2 Syntax
- 6.14.3 Semantics
- 6.14.4 Example
- 6.15 SchemaInformationType
- 6.15.1 General
- 6.15.2 Syntax
- 6.15.3 Semantics
- 6.15.4 Example
- 6.16 RegisterOutputType
- 6.16.1 General
- 6.16.2 Syntax
- 6.16.3 Semantics
- 6.16.4 Example

7 JPSearch Translation Rules Declaration Language (JPTRDL)

- 7.1 Wrapper of the schema
- 7.2 TranslationRulesType
- 7.2.1 General
- 7.2.2 Syntax
- 7.2.3 Semantics
- 7.2.4 Example
- 7.3 Abstract Types
- 7.3.1 General

7.3.2	Syntax
7.3.3	Semantics
7.4	OneToOneFieldType
7.4.1	General
7.4.2	Syntax
7.4.3	Semantics
7.4.4	Example
7.5	ManyToOneFieldType
7.5.1	General
7.5.2	Syntax
7.5.3	Semantics
7.5.4	Example
7.6	OneToManyFieldType
7.6.1	General
7.6.2	Syntax
7.6.3	Semantics
7.6.4	Example
7.7	SourceFieldType
7.7.1	General
7.7.2	Syntax
7.7.3	Semantics
7.7.4	Example
7.8	FilteredSourceFieldType
7.8.1	General
7.8.2	Syntax
7.8.3	Semantics
7.8.4	Example
7.9	TargetFieldType
7.9.1	General
7.9.2	Syntax
7.9.3	Semantics
7.9.4	Example
7.10	FormattedTargetFieldType
7.10.1	General
7.10.2	Syntax
7.10.3	Semantics
7.10.4	Example

8 JPEG Ontology for Image Description (JPOnTo)

8.1	General
8.2	JPOnTo-core
8.2.1	Outline
8.2.2	Example
8.2.3	Semantics
8.2.3.1	JPOnTo-core class definitions (in alphabetical order)
8.2.3.2	JPOnTo-core property definitions (in alphabetical order)
8.2.4	Turtle representation of JPOnTo-core
8.3	JPOnTo-visual
8.3.1	Outline
8.3.2	Examples
8.3.2.1	General
8.3.2.2	Example 1
8.3.2.3	Example 2
8.3.2.4	Example 3
8.3.3	Taxonomy of classes of JPOnTo-visual
8.3.3.1	General
8.3.3.2	Subclasses of jponto:PhysicalEntity
8.3.3.3	Subclasses of jponto:Event
8.3.3.4	Subclasses of jponto:Attribute
8.3.4	Properties of JPOnTo-visual
8.3.5	Semantics
8.3.5.1	JPOnTo-visual class definitions (in alphabetical order)
8.3.5.2	JPOnTo-visual property definitions (in alphabetical order)
8.3.6	Turtle representation of JPOnTo-visual

- 9 Embedding RDF triples within JPEG and JPEG 2000 images**
 - 9.1 Embedding and signalling of the metadata within the image file**
 - 9.2 Well-formedness**
 - 9.3 Closure**
 - 9.4 Extensibility**
 - 9.5 Compliance**
- Annex A (informative) JPSearch registration procedure**

Page count: 125