ISO/IEC 24800-2:2011-07 (E)

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

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Conventions 2
4.1 Naming convention 2
4.2 Document convention 2
4.3 Wrapper of the schema 3

5 JPSearch Core Metadata Schema 3
5.1 General 3
5.2 JPSearchCoreType 3
5.3 PersonNameType 9
5.4 SourceType 10
5.5 PublisherType 11
5.6 RightsDescriptionType 12
5.7 PlaceType 14
5.8 PersonType 15
5.9 OrganizationType 16
5.10 EventType 17
5.11 ObjectType 18
5.12 RegionOfInterestType 20
5.13 RegionLocatorType 22
5.14 ExternalDescriptonType 23
5.15 ControlledRatingTermType 26
5.16 ImageIdentifierType 27
5.17 GPSPositioningType 28

6 Management of core schema and translation rules 29
6.1 General 29
6.2 Wrapper of the schema 29
6.3 Root Element 30
6.4 RegisterInputType 34
6.5 RequestInputType 36
6.6 RequestOutputType 37
6.7 ProviderInformationType 38
6.8 ContactType 40
6.9 QueryCapabilityType 41
6.10 BenchmarkCapabilityType 43
6.11 ExtensionCapabilityType 45
6.12 SchemaType 46
6.13 ReplaceInputType 48
6.14 ReplaceOutputType 49
6.15 SchemaInformationType 50
6.16 RegisterOutputType 52

7 JPSearch Translation Rules Declaration Language (JPTRDL) 54
7.1 Wrapper of the schema 54
7.2 TranslationRulesType 54
7.3 Abstract Types 55
7.4 OneToOneFieldTranslationType 56
7.5 ManyToOneFieldTranslationType 56
7.6 OneToManyFieldTranslationType 58
7.7 SourceFieldType 59
7.8 FilteredSourceFieldType 60
7.9 TargetFieldType 61
7.10 FormattedTargetFieldType 62

Annex A (informative) JPSearch Registration Procedure 63