

**ISO/IEC JTC 1
Information Technology**

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In accordance with sub-clause 6.2.2 of the JTC 1 Directives, ISO/IEC JTC 1/SC32 requests JTC 1 endorsement for the following proposed subdivisions of projects and minor enhancements of existing work, which have been adopted by SC32:

PROJECT/TITLE	RATIONALE
ISO/IEC 15944-10 Information technology - Business operational view - Part 10: Coded domains	1
ISO/IEC 19763-7 Information technology — Metamodel Framework for Interoperability (MFI) — Part 7: Metamodel for Service Registration	2
ISO/IEC 19763-8 Information technology – Metamodel Framework for Interoperability (MFI) – Part 8: Metamodel for Role and Goal Registration	3
ISO/IEC TR 19763-9 Information technology – Metamodel Framework for Interoperability (MFI) – Part 9: On Demand Model Selection	4
ISO/IEC 24706-1 Information Technology — Metadata for technical standards — Part 1: Document description elements	4
ISO/IEC 24706-2 Information Technology — Metadata for technical standards — Part 2: URI naming and resolution techniques	5
ISO/IEC 20943-5 Information technology — Achieving metadata registry content consistency — Part 5: Semantic Metadata Mapping Procedure	6
ISO/IEC 20943-6 Information Technology — Metadata Content Consistency — Part 6: Procedure of the Specification for the Semantic Web	7
ISO/IEC 15944-9 Information Technology – Business Operational View - Part 9: Traceability framework	8
ISO/IEC 19763-6: Information Technology –Metamodel framework for interoperability (MFI)— Part 6 : Model Registration Procedure	9
ISO/IEC 13249-8: SQL Multimedia and Application Packages – Part 8: Metadata registries (MDR)	10

Rationale Summary:

Rationale 1:

In the development of Parts 1, 2, 4, 5, 6 and 7 of ISO/IEC 15944, many aspects of “coded domain” were already specified and stated implicitly. However, this has demonstrated the need for a new part where these aspects will be integrated along with missing elements in order to provide a single integrated and systematic methodology and tool. This standard project is based on existing eBusiness standards work and fills a significant gap.

Rationale 2:

Project subdivision of 19763 to create Part 7: Metamodel for Service Registration. Description: Will provide standard for services registration. Rationale: Topic was investigated in a WG2 study period and a working draft was developed. The topic is separate from the registration of processes (Part 5). The Project Editor will be: HE Keqing (China).

Rationale 3:

Project subdivision of 19763 to create Part 8: Metamodel for Role and Goal Registration. Description: will provide a standard for registration of Roles and Goals as

part of overall services metadata. Rationale: Topic was investigated in a WG2 study period and a working draft has been prepared. These parts interoperate with Process and Service Registration.

Rationale 4:

Project subdivision of 19763 to create Part 9: Technical Report for on Demand Model Selection. Description: will provide guidelines for registration of Role-Goal-Process-Service. . Rationale: Topic was investigated in a WG2 study period and a working draft has been proposed to show how to discover services on demand, including support for cloud computing.

Rationale 5:

Project split of ISO/IEC 24706 Information Technology — Metadata for technical standards is requested to make this a multi-part standard. The 24706 document will become 24706-1. The new part is 24706-2. This split was in response to the ISO/ITSIG activity on standardized URNs and WG3's prior submission on using URLs for standards references. This was discussed in the SC32 Ad Hoc on Namespace at 2009-06 SC32 Plenary.

Rationale 6:

Topic was investigated in a WG2 study period. The topic presents a useful technique that should be recorded in the technical report.

Rationale 7:

It was investigated in a WG2 study period. The topic presents a useful and practical technique that should be recorded in the technical report.

Rationale 8:

Traceability is important in business transactions, with respect to consumer and investor protection, corporate governance, security compliance, value-added chains, and logistics. The standard project is based on the existing eBusiness standard work, and fills a significant gap.








Rationale 9:




Registration procedure is indispensable to MFI registry and WD (WG2N1121) shows that it can be standardized.

Rationale 10:



The scope of the proposed subdivision covers an access method for consistent exchanging and sharing of metadata in various application fields. This subdivision is also proposed to support easier building and using of registries by users. The method will enable valid and precise registries building and management in accordance with the ISO/IEC 11179 standard, and facilitates usage of the standard. This subdivision includes the specifications for management of metadata registries, and the specifications are defined in the same way with SQL packages such as SQL/MM Spatial, SQL/MM Mining, SQL/MM Still Image, and so on. This subdivision covers the definition of operational architectures and processes for the consistent access that should support transparency regardless of registries with different database structures.

This subdivision covers specifications for retrieval, update, creation of schema structures for registries.

Alert	Reference	Document title	Reg. date	Crnt stage	Stage date	Limit date	VA	Time frame	Committee	Project leader
	ISO/IEC CD 9075-1	Information technology -- Database languages -- SQL -- Part 1: Framework (SQL/Framework)	2008-05-30	30.20 (Start date: 2009-01-19 End date: 2009-04-19)	2009-01-19	2009-11-30 (Cancellation date: 2010-05-30)	-	36	ISO/IEC JTC 1/SC 32/WG 3	-
	ISO/IEC CD 9075-2	Information technology -- Database languages -- SQL -- Part 2: Foundation (SQL/Foundation)	2008-05-30	30.20 (Start date: 2009-01-19 End date: 2009-04-19)	2009-01-19	2009-11-30 (Cancellation date: 2010-05-30)	-	36	ISO/IEC JTC 1/SC 32/WG 3	-
	ISO/IEC CD 9075-4	Information technology -- Database languages -- SQL -- Part 4: Persistent Stored Modules (SQL/PSM)	2008-05-30	30.20 (Start date: 2009-01-19 End date: 2009-04-19)	2009-01-19	2009-11-30 (Cancellation date: 2010-05-30)	-	36	ISO/IEC JTC 1/SC 32/WG 3	-
	ISO/IEC CD 9075-11	Information technology -- Database languages -- SQL -- Part 11: Information and Definition Schemas (SQL/Schemata)	2008-05-30	30.20 (Start date: 2009-01-19 End date: 2009-04-19)	2009-01-19	2009-11-30 (Cancellation date: 2010-05-30)	-	36	ISO/IEC JTC 1/SC 32/WG 3	-
	ISO/IEC CD 9075-14	Information technology -- Database languages -- SQL -- Part 14: XML-Related Specifications (SQL/XML)	2008-05-30	30.20 (Start date: 2009-01-19 End date: 2009-04-19)	2009-01-19	2009-11-30 (Cancellation date: 2010-05-30)	-	36	ISO/IEC JTC 1/SC 32/WG 3	-
	ISO/IEC CD 11179-3	Information technology -- Metadata registries (MDR) -- Part 3: Registry metamodel and basic attributes	2007-08-19	30.20 (Start date: 2009-03-22 End date: 2009-06-22)	2009-03-22	2009-08-19 (Cancellation date: 2010-02-19)	-	48	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC 13249-2:2003	Information technology -- Database languages -- SQL multimedia and application packages -- Part 2: Full-Text	1998-08-07	90.60	2009-03-18	-	-	-	ISO/IEC JTC 1/SC 32/WG 4	-
	ISO/IEC CD 13249-3	Information technology -- Database languages -- SQL multimedia and application packages -- Part 3: Spatial	2008-05-30	30.60	2009-04-16	2009-11-30 (Cancellation date: 2010-05-30)	-	36	ISO/IEC JTC 1/SC 32/WG 4	-
	ISO/IEC 13249-5:2003	Information technology -- Database languages -- SQL multimedia and application packages -- Part 5: Still image	2000-11-17	90.60	2009-03-18	-	-	-	ISO/IEC JTC 1/SC 32/WG 4	-
	ISO/IEC CD 13249-7	Information technology -- Database languages -- SQL multimedia and application packages -- Part 7: History	2005-05-05	30.60	2007-11-01	2007-05-05	-	48	ISO/IEC JTC 1/SC 32/WG 4	-

Alert	Reference	Document title	Reg. date	Crnt stage	Stage date	Limit date	VA	Time frame	Committee	Project leader
	ISO/IEC FCD 14957	Information technology -- Representation of data element values -- Notation of the format	2003-03-11	40.99	2008-06-04	-	-	-	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC TR 15452:2000	Information technology -- Specification of data value domains	1997-04-15	90.60	2007-12-18	-	-	-	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC 15944-1:2002	Information technology -- Business agreement semantic descriptive techniques -- Part 1: Operational aspects of Open-edi for implementation	1999-10-20	90.60	2007-12-18	-	-	-	ISO/IEC JTC 1/SC 32/WG 1	-
	ISO/IEC 15944-1:2002/CD Cor 1	Information technology -- Business agreement semantic descriptive techniques -- Part 1: Operational aspects of Open-edi for implementation -- Technical Corrigendum 1	2005-07-11	30.20 (Start date: 2005-07-11 End date: 2005-10-11)	2005-07-11	-	-	-	ISO/IEC JTC 1/SC 32/WG 1	-
	ISO/IEC CD 15944-3	Information Technology -- Business Operational View -- Part 3:	2009-04-06	30.99	2009-04-06	2010-10-06	-	36	ISO/IEC JTC 1/SC 32/WG 1	-
	ISO/IEC FDIS 15944-7	Information technology -- Business Operational View -- Part 7: eBusiness vocabulary	2006-06-30	50.20 (Start date: 2009-08-13 End date: 2009-10-14)	2009-08-13	-	-	36	ISO/IEC JTC 1/SC 32/WG 1	-
	ISO/IEC CD 15944-8	Information technology -- Business Operational View -- Part 8: Identification of privacy requirements as external constraints on business transactions	2008-02-26	30.60	2008-05-26	2010-02-26 (Cancellation date: 2010-08-26)	-	48	ISO/IEC JTC 1/SC 32/WG 1	-
	ISO/IEC NP 15944-9	Information technology -- Business Operational View -- Part 9: Traceability framework	2009-08-13	10.99	2009-08-13	2011-02-13	-	36	ISO/IEC JTC 1/SC 32/WG 1	-
	ISO/IEC AWI TR 19075	Technical Reports on ISO/IEC 9075	2005-08-05	20.00	2009-03-29	-	-	36	ISO/IEC JTC 1/SC 32/WG 3	-
	ISO/IEC DIS 19504	Information technology -- Open distributed processing -- Common Warehouse Metamodel Specification Version 1.1	2007-05-08	40.60	2007-12-26	2009-11-08 (Cancellation date: 2010-05-08)	-	36	ISO/IEC JTC 1/SC 32	-

Alert	Reference	Document title	Reg. date	Crnt stage	Stage date	Limit date	VA	Time frame	Committee	Project leader
	ISO/IEC FCD 19763-2.3	Information technology -- Metamodel framework for interoperability (MFI) -- Part 2: Core model	2003-03-11	40.20 (Start date: 2009-03-10 End date: 2009-07-10)	2009-03-10	-	-	-	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC FCD 19763-3	Information technology -- Metamodel framework for interoperability (MFI) -- Part 3: Metamodel for ontology registration	2008-06-11	40.60	2009-06-02	2010-12-11	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC FCD 19763-4.2	Information technology -- Metamodel framework for interoperability (MFI) -- Part 4: Metamodel for model mapping	2003-03-11	40.20 (Start date: 2009-03-10 End date: 2009-07-10)	2009-03-10	2009-07-31	-	Extended	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC CD 19763-5	Information technology -- Metamodel framework for interoperability (MFI) -- Part 5: Metamodel for process model registration	2009-01-12	30.20 (Start date: 2009-01-13 End date: 2009-04-13)	2009-01-13	2010-07-12	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC NP 19763-6	Information technology -- Metamodel framework for interoperability (MFI) -- Part 6: Model registration procedure	2009-08-13	10.99	2009-08-13	2011-02-13	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC NP 19763-7	Information technology -- Metamodel framework for interoperability (MFI) -- Part 7: Metamodel for service registration	2009-08-13	10.99	2009-08-13	2011-02-13	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
!	ISO/IEC FCD 19773	Information technology -- Metadata Registries (MDR) modules	2005-10-30	40.60	2008-09-26	2009-04-30 (Cancellation date: 2009-10-30)	-	48	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC NP 20943-5	Information technology -- Achieving metadata registry content consistency -- Part 5: Semantic metadata mapping procedure	2009-08-13	10.99	2009-08-13	2011-02-13	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC FCD 20944-1	Information technology -- Metadata Registries Interoperability and Bindings (MDR-IB) -- Part 1: Framework, common vocabulary, and common provisions for conformance	2007-12-04	40.60	2008-09-28	2010-06-04	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC FCD 20944-2	Information technology -- Metadata Registries Interoperability and	2007-12-04	40.60	2008-09-28	2010-06-04	-	36	ISO/IEC JTC 1/SC 32/WG 2	-

Alert	Reference	Document title	Reg. date	Crnt stage	Stage date	Limit date	VA	Time frame	Committee	Project leader
		Bindings (MDR-IB) -- Part 2: Coding bindings								
	ISO/IEC FCD 20944-3	Information technology -- Metadata Registries Interoperability and Bindings (MDR-IB) -- Part 3: API bindings	2007-12-04	40.60	2008-09-28	2010-06-04	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC FCD 20944-4	Information technology -- Metadata Registries Interoperability and Bindings (MDRIB) -- Part 4: Protocol bindings	2007-12-06	40.60	2008-09-28	2010-06-06	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC FCD 20944-5	Information technology -- Metadata Registries Interoperability and Bindings (MDRIB) -- Part 5: Profiles	2007-07-20	40.60	2008-09-28	2010-01-20 (Cancellation date: 2010-07-20)	-	36	ISO/IEC JTC 1/SC 32/WG 2	-
	ISO/IEC CD 24706	Information technology -- Metadata for technical standards and specifications documents	2007-02-15	30.60	2007-07-15	2009-02-15 (Cancellation date: 2009-08-15)	-	48	ISO/IEC JTC 1/SC 32	-