

32N2375

**ISO/IEC JTC1/SC32/N2375**  
**ISO/IEC JTC1/SC32/WG2/N1796**

Date: 2013-05-31

**ISO/IEC JTC 1/SC 32/WG 2**

**Data Management and Interchange**  
**Working Group 2**  
**Metadata**

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# JTC 1/SC 32/WG 2 Resolutions, 31 May 2013, Gyeongju, Korea

## Section 1 - Programme of Work Resolutions

### **Resolution WG 2 / 1: SC 32/WG 2 Programme of Work and Project Editor Assignments**

SC 32/WG 2 approves the Programme of Work, Target Dates and Project Editor Assignments contained in SC32N2365a (Programme document).

### **Resolution WG 2 / 2: SC 32/WG 2 Project Subdivisions**

SC 32/WG 2 reaffirms the following subdivisions and minor enhancements to existing work:

<b>Project Number</b>	<b>Title</b>	<b>Project Editor</b>	<b>Rationale Doc #</b>
1.32.22.02.01.00	ISO/IEC 19763-1 Ed2 Metamodel Framework for Interoperability (MFI) - Reference model	Hajime Horiuchi and Keith Gordon	Rationale 2/1
1.32.25.02.00.00	ISO/IEC 24707 Ed2: Common Logic (CL) – A framework for a family of logic-based languages	Michael Gruninger	Rationale 2/2

#### **Rationale Summary:**

##### **Rationale 2/1:**

Rationale Summary for new edition of ISO/IEC 19763-1

ISO/IEC 19763-1 Metamodel framework for interoperability (MFI) - Part 1: Reference model specifies the framework for the multi part standard ISO/IEC 19763. The first edition was published in February 2007, since when some subordinate parts have been published and some other subordinate parts are under development. During the development of the subordinate parts the details of their structures have changed from the original expectation. Hence, the published edition of ISO/IEC 19763-1 Metamodel framework for interoperability (MFI) - Part 1: Reference model no longer accurately reflects the content of the subordinate parts and now needs to be updated.

##### **Rationale 2/2:**

Rationale Summary for new edition of ISO/IEC 24707

Common Logic is a logic framework intended for information exchange and transmission. The framework allows for a variety of different syntactic forms, called dialects, all expressible within a common abstract syntax and all sharing a single semantics.

The proposal for the Second Edition of ISO 24707 (Common Logic) encompasses both syntactic and semantic issues which have arisen out of implementations of systems using Common Logic:

Syntactic Issues:

- Fixing the list of syntactic errors that have already been identified in Defect Report

- Correction and completion of the XML syntax in Annex C
- More general approach to annotation of cl-texts

Semantic Issues:

- Modification of semantics to allow the existence of definitional extensions in CL
- Circular imports
- Semantics of cl-module
- Questions about segregated dialects and interoperability
- Clarification of conformance conditions
- Namespacing

Given the requirement to address the deficiencies in Edition 1, we recommend that the development of a Second Edition of ISO 24707 (Common Logic) be initiated within the current scope.

**Resolution WG 2 / 3: SC 32/WG 2 Project Withdrawals**

SC 32/WG 2 approves the following withdrawals from existing work:

Project Number	Title	Rationale Doc #
1.32.22.01.11.00	NP 19763-11 Metamodel Framework for Interoperability (MFI) – Part 11: Structured model registering	Rationale 2/1
1.32.24.01.01.00	DIS 24706-1 Metadata for technical standards and specifications documents – Part 1: Document description elements	Rationale 2/2
1.32.24.01.02.00	NP 24706-2 Metadata for technical standards and specifications documents – Part 2: URI naming and resolution techniques	Rationale 2/2

**Rationale Summary:**

**Rationale 2/1:**

Due to lack of technical contributions, lack of project editor, diminished need for this part due to changes in other parts and in response to SC32N2366 “Projects at risk” WG2 requests to withdraw the project.

**Rationale 2/2:**

This project has been overtaken by events including the reorganization of IT operations and document management at ISO Central Secretariat.

Upon receipt of texts, SC 32/WG 2 instructs its Convener to forward these withdrawals to SC 32 for endorsement.

**Resolution WG 2 / 4: Standards Due for Periodic Review**

SC 32/WG 2 approves the following:

Project Number	Title	Recommendation
Not Applicable		

SC 32/WG 2 instructs its Convener to inform SC 32 of the above recommendations.

## Resolution WG 2 / 5: New Projects

SC 32/WG 2 approves the following:

Title	NWI Doc #
Concepts and Usage of Metadata	SC32N2389

Upon receipt of texts, SC 32 WG 2 recommends that SC 32 submit to JTC 1 the referenced Proposals for New Work Items:

## Resolution WG 2 / 6: Establishment of WG 2 Study groups

SC 32 WG 2 recommends that SC 32 submit to JTC 1 the following Proposals for Study Group upon receipt of texts,

Title	Doc #
Request for study group to survey how best to progress the requirement to establish proof of concept validation of implementation of the parts of ISO/IEC 11179 and ISO/IEC 19763. This study group to report at plenary 2014. Co-Convenors: Dongwon Jeong (KR) and Tatsumi Adachi (JP)	Rationale 2/1
Request to continue the study group on Metadata for Cloud Computing. Convenor: Ewelina Szczekocka (PL)	Rationale 2/2

### Rationale summary

#### Rationale 2/1

ISO/IEC 11179 and ISO/IEC 19763 are international standards specifying the conceptual models for registries. Since these standards are high-level specifications, it is helpful for users of these standards to demonstrate that a registry that conforms to each part can be actually implemented. Since ISO/IEC 11179 and ISO/IEC 19763 have several parts, before producing firm proposals for new standards a study is needed to conform the best approach as to how to document the proof of concept validations.

#### Rationale 2/2

The work of the study group on Metadata for Cloud Computing has conducted preliminary work and has progressed analyzing case studies and review of SC38 work. SC38 has recently released CDs 17788 and 17789 for Cloud Computing Vocabulary and Reference Architecture. The study group now needs to conduct a gap analysis to align the recent work of SC38 with the Study Group report.

SC 32/WG 2 instructs its Convener to forward these requests to SC 32 for endorsement.

## Section 2 - Project Document Resolutions

### Resolution WG 2 / 7:Committee Draft (CD) Ballots (CD, PDAM, PDISP, PDTR)

Upon receipt of texts, SC 32/WG 2 requests its SC 32 Secretariat to register as CDs, PDAMs, PDISPs, PDTRs and issue letter ballots on the following projects:

Project Number	CD	Title	Date Expected
1.32.15.03.01.00	CD2 11179-1 Ed 3	Metadata registries (MDR) – Framework	2013-07-14
1.32.15.03.05.00	CD3 11179-5 Ed 3	Metadata registries (MDR) – Naming and identification principles	2013-07-14
1.32.15.03.05.00	CD4 11179-5 Ed 3	Metadata registries (MDR) – Naming and identification principles	2013-12-31 (note 2/1)
1.32.22.02.01.00	CD 19763-1 Ed2	Metamodel Framework for Interoperability (MFI) - Reference model	2013-11-30
1.32.22.01.05.00	CD6 19763-5	Metamodel Framework for Interoperability (MFI) - Metamodel for process model registration	2013-07-14
1.32.22.01.05.00	CD7 19763-5	Metamodel Framework for Interoperability (MFI) - Metamodel for process model registration	2013-12-31 (note 2/2)
1.32.22.01.07.00	CD4 19763-7	Metamodel Framework for Interoperability (MFI) - Metamodel for service registration	2013-07-14
1.32.22.01.07.00	CD5 19763-7	Metamodel Framework for Interoperability (MFI) - Metamodel for service registration	2013-12-31 (note 2/3)
1.32.22.01.08.00	CD4 19763-8	Metamodel Framework for Interoperability (MFI) - Metamodel for role and goal model registration	2013-07-14
1.32.22.01.08.00	CD5 19763-8	Metamodel Framework for Interoperability (MFI) - Metamodel for role and goal model registration	2013-12-31 (note 2/4)
1.32.22.01.09.00	PDTR4 19763-9	Metamodel Framework for Interoperability (MFI) - On demand model selection based on RGPS (ODMS)	2013-07-14
1.32.22.01.09.00	PDTR5 19763-9	Metamodel Framework for Interoperability (MFI) - On demand model selection based on RGPS (ODMS)	2013-12-31 (note 2/5)
1.32.22.01.10.00	CD3 19763-10	Metamodel Framework for Interoperability (MFI) - Core model and basic mapping	2013-07-14
1.32.22.01.10.00	CD4 19763-10	Metamodel Framework for Interoperability (MFI) - Core model and basic mapping	2013-12-31 (note 2/6)
1.32.22.01.12.00	CD3 19763-12	Metamodel Framework for Interoperability (MFI) - Metamodel for information model registration	2013-07-14
1.32.22.01.12.00	CD4 19763-12	Metamodel Framework for Interoperability (MFI) - Metamodel for information model registration	2013-12-31 (note 2/7)
1.32.22.01.13.00	CD 19763-13	Metamodel Framework for Interoperability (MFI) - Metamodel for forms registration	2013-07-14
1.32.22.01.13.00	CD2 19763-13	Metamodel Framework for Interoperability (MFI) - Metamodel for forms registration	2013-12-31
1.32.25.02.00.00	CD 24707 Ed 2:	Common Logic (CL) – A framework for a family of logic-based languages	2013-07-14
1.32.25.02.00.00	CD2 24707 Ed 2:	Common Logic (CL) – A framework for a family of logic-based languages	2013-12-31

**Note 2/1**

Will be either a CD4 or DIS based on the number or character of the comments on the ballot on CD3

**Note 2/2**

Will be either a CD7 or DIS based on the number or character of the comments on the ballot on CD6

**Note 2/3**

Will be either a CD5 or DIS based on the number or character of the comments on the ballot on CD4

**Note 2/4**

Will be either a CD5 or DIS based on the number or character of the comments on the ballot on CD4

**Note 2/5**

Will be either a PDTR5 or DTR based on the number or character of the comments on the ballot on PDTR4

**Note 2/6**

Will be either a CD4 or DIS based on the number or character of the comments on the ballot on CD3

**Note 2/7**

Will be either a CD4 or DIS based on the number or character of the comments on the ballot on CD3

**Resolution WG 2 / 8:Draft International Standard (DIS) Ballots (DIS, DAM, DTR)**

Upon receipt of texts and successful ballot of DIS, SC 32/WG 2 requests its SC 32 Secretariat to register as DISs, DAMs, DTRs and submit to ITTF for the following projects:

<b>Project Number</b>	<b>DIS</b>	<b>Title</b>	<b>Date Expected</b>
1.32.15.03.05.00	DIS 11179-5 Ed 3	Metadata registries (MDR) – Naming and identification principles	2013-12-31 (note 2/1)
1.32.22.01.05.00	DIS 19763-5	Metamodel Framework for Interoperability (MFI) - Metamodel for process model registration	2013-12-31 (note 2/2)
1.32.22.01.06.00	DIS 19763-6	Metamodel Framework for Interoperability (MFI) - Registry summary	2013-12-31
1.32.22.01.07.00	DIS 19763-7	Metamodel Framework for Interoperability (MFI) - Metamodel for service registration	2013-12-31 (note 2/3)
1.32.22.01.08.00	DIS 19763-8	Metamodel Framework for Interoperability (MFI) - Metamodel for role and goal model registration	2013-12-31 (note 2/4)
1.32.22.01.09.00	DTR 19763-9	Metamodel Framework for Interoperability (MFI) - On demand model selection based on RGPS (ODMS)	2013-12-31 (note 2/5)
1.32.22.01.10.00	DIS 19763-10	Metamodel Framework for Interoperability (MFI) - Core model and basic mapping	2013-12-31 (note 2/6)
1.32.22.01.12.00	DIS 19763-12	Metamodel Framework for Interoperability (MFI) - Metamodel for information model registration	2013-12-31 (note 2/7)

**Note 2/1**

This may be deferred to next plenary based on the nature of the comments from the ballot received on the latest CD

**Note 2/2**

This may be deferred to next plenary based on the nature of the comments from the ballot received on the latest CD

**Note 2/3**

This may be deferred to next plenary based on the nature of the comments from the ballot received on the latest CD

**Note 2/4**

This may be deferred to next plenary based on the nature of the comments from the ballot received on the latest CD

**Note 2/5**

This may be deferred to next plenary based on the nature of the comments from the ballot received on the latest PDTR

**Note 2/6**

This may be deferred to next plenary based on the nature of the comments from the ballot received on the latest CD

**Note 2/7**

This may be deferred to next plenary based on the nature of the comments from the ballot received on the latest CD

**Resolution WG 2 / 9: Final Draft International Standard (FDIS) Ballots (FDIS, FDAM, FDTR)**

Upon receipt of texts and successful ballot of FDIS, SC 32/WG 2 requests its SC 32 Secretariat to register as FDISs, FDAMs, FDTRs and submit to ITTF for the following projects:

Project Number	FDIS	Title	Date Expected
Not applicable			

**Resolution WG 2 / 10: Publication (ISO/IEC, TS, TR)**

Upon receipt of texts, SC 32/WG 2 requests its SC 32 Secretariat to submit to ITTF for publication as ISO/IECs, TSs, TRs for the following projects:

Project Number	ISO/IEC	Title	Date Expected
1.32.16.01.05.00	TR 20943-5	Procedures for Achieving Metadata Registry Content Consistency – Part 5: Metadata mapping procedure	2013-07-14
1.32.16.01.06.00	TR 20943-6	Procedures for Achieving Metadata Registry Content Consistency – Part 6: Framework for generating ontologies	2013-07-14

### Section 3 - Liaison Resolutions

**Resolution WG 2 / 11: SC 32/WG 2 Liaison Assignments**

Liaison Organization	WG	SC 32/WG Person	Topics and Notes	Doc #
Not applicable				

**Resolution WG 2 / 12: SC 32/WG 2 Approval of New “C” Liaisons**

Liaison Organization	WG	SC 32/WG Person	Topics and Notes	Doc #
Not applicable				

**Resolution WG 2 / 13: SC 32/WG 2 Request for New “C” Liaisons**

Liaison Organization	WG	SC 32/WG Person	Topics and Notes	Doc #
Not applicable				

### Section 4 - SC 32/WG 2 Administrative Resolutions

**Resolution WG 2 / 14: SC 32/WG 2 Meeting Calendar**

SC 32/WG 2 approves the following Meeting Calendar

From	To	Meeting/Purpose	Location
2013-11-11	2013-11-15	SC32/WG2 Interim Meeting	Santa Fe, USA
2014 Spring		SC32/WG2	China
2014 Autumn		SC32/WG2 Interim Meeting	Scotland, UK

### Section 5 - SC 32/WG 2 Other Resolutions

**Resolution WG 2 / 15: Change project title**

Project Number	ISO/IEC	Old Title	New Title	Rationale
1.32.15.03.05.00	11179-5	Metadata registries (MDR) – Naming and identification principles	Metadata registries (MDR) – Naming principles	See document WG2N1787
1.32.22.02.01.00	19763-1	Metamodel Framework for Interoperability (MFI) - Reference model	Metamodel Framework for Interoperability (MFI) - Framework	See rationale 2/1

**Rationale 2/1:**

Rationale Summary for change of title of ISO/IEC 19763-1

The proposed title (Metamodel Framework for Interoperability (MFI) - Framework) more accurately fits the content of this part. There is no change of scope.

SC32/WG2 requests the SC32 Secretariat to submit the proposed name changes for the above projects.

### **Resolution WG 2 / 16: Extend dates for projects**

ISO/IEC 11179-1	CD2 Ballot to be issued by 14 July 2013 to close before interim meeting in November 2013
ISO/IEC 11179-5	CD3 Ballot to be issued by 14 July 2013 to close before interim meeting in November 2013
ISO/IEC 19763-5	CD6 Ballot to be issued by 14 July 2013 to close before interim meeting in November 2013
ISO/IEC 19763-6	DIS Ballot to be issued by 31 December 2013
ISO/IEC 19763-7	CD4 Ballot to be issued by 14 July 2013 to close before interim meeting in November 2013
ISO/IEC 19763-8	CD4 Ballot to be issued by 14 July 2013 to close before interim meeting in November 2013
ISO/IEC 19763-10	CD3 Ballot to be issued by 14 July 2013 to close before interim meeting in November 2013
ISO/IEC 19763-12	CD3 Ballot to be issued by 14 July 2013 to close before interim meeting in November 2013
ISO/IEC 19763-13	CD Ballot to be issued by 14 July 2013 to close before interim meeting in November 2013

These projects are progressing towards DIS. SC32/WG2 requests the SC32 Secretariat to submit a change to the project dates to extend the anticipated date for completion by 1 year for the above projects.

## **Acclamations**

### **Resolution WG 2 / A1: Hosting of Meetings**

JTC 1/SC 32/WG 2 expresses its appreciation to Korean Agency for Technology and Standards (KATS) for hosting these meetings and to Korean Standards Association (KSA), Korea Database Agency (KDB), Korea Institute of Science and Technology Information (KISTI) and the Data Governance Forum for their support as organisers.

### **Resolution WG 2 / A2: Appreciation to WG2 Chair**

JTC1/SC 32/WG 2 would like to thank Keith Gordon for chairing the meeting.

### **Resolution WG 2 / A3: WG2 Drafting Committee/Action Item Recorders**

JTC1/SC 32/WG 2 would like to thank Masao Okabe and Doo-Kwon Baik for their diligent work in recording the action items and preparing the draft resolutions.

### **Resolution WG 2 / A4: WG2 Recorder**

JTC1/SC 32/WG 2 would like to thank Ray Gates for his continued work in the maintenance of the WG2 website.

**Final Attendance  
ISO/IEC JTC 1/SC 32/WG 2 Meeting  
23-31 May 2013, Gyeongju, Korea**

<b>JTC 1/SC 32/WG 2 Officers</b>	
Denise Warzel <sup>†</sup> Timothy Schoechele	JTC 1/SC 32/WG 2 Convenor JTC1/SC32 Secretary
<b>National Body Experts</b>	<b>Organization/Affiliation</b>
<b><u>Australia</u></b>	
<b><u>Austria (O)</u></b>	
<b><u>Belgium</u></b>	
<b><u>Brazil</u></b>	
<b><u>Canada</u></b> Baba Piprani Ray Gates <sup>†</sup> Michael Gruninger <sup>†</sup>	Metaglobal Systems John Hancock Financial Services University of Toronto
<b><u>China</u></b> Rui Shi Jian Wang Zaiwen Feng Chong Wang Fei He	CESI (China Electronics Standardization Institute) SKLSE, Wuhan University SKLSE, Wuhan University SKLSE, Wuhan University SKLSE, Wuhan University
<b><u>Czech Republic</u></b>	
<b><u>Denmark (O)</u></b>	
<b><u>Egypt</u></b>	
<b><u>Finland</u></b>	
<b><u>France (O)</u></b>	
<b><u>Germany</u></b>	
<b><u>Italy (O)</u></b>	

<b><u>Japan</u></b> Hajime Horiuchi Masao Okabe Tatsumi Adachi	UMTP (NPO) Tohoku Institute of Technology NEC Corporation
<b><u>Kazakhstan</u></b>	
<b><u>Korea, Republic of</u></b> Doo-Kwon Baik Dongwon Jeong Sukhoon Lee Jangwon Gim Taesul Seo Sungjoon Lim  <u>Observers</u> Euijong Lee Changhan Lee	Korea University Kunsan National University Korea University KISTI KISTI Korea Database Agency  Korea University Korea Database Agency
<b><u>Netherlands, The</u></b>	
<b><u>Norway (O)</u></b>	
<b><u>Poland (O)</u></b>	
<b><u>Portugal</u></b>	
<b><u>Russian Federation (O)</u></b>	
<b><u>Sweden</u></b>	
<b><u>Switzerland (O)</u></b>	
<b><u>United Kingdom</u></b> Keith Gordon*	Independent, DAMA-UK
<b><u>United States</u></b> Judith Newton♦	Ashton Computing & Management Services, LLC, DAMA-I

Notes:

\* - Meeting Chair

▼ - Did not attend this meeting

♦ - Attendance by telephone for certain sessions only