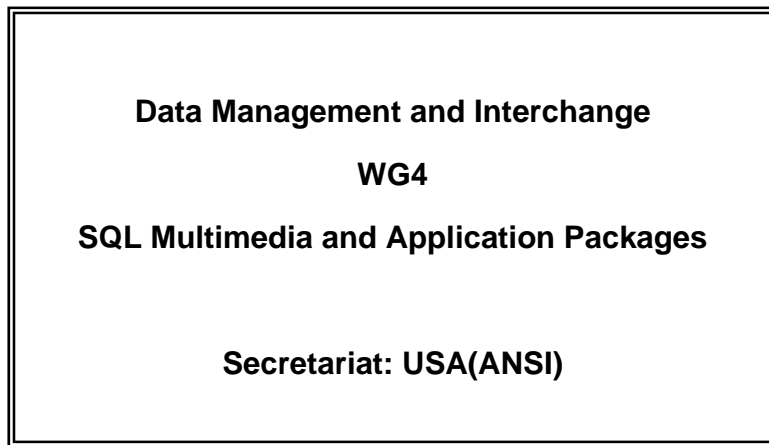


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International Organization for Standardization



Title: Change report for SQL/MM – Part 8: MDR for 2nd Working Draft

Author: Dongwon Jeong

Status: WD

Source: Korea National Body

References:

- [1] ISO/IEC JTC 1/SC 32 N1911, ISO/IEC WD 13249-8 Information technology – Database Languages – SQL Multimedia and Application Packages – Part 8: Metadata registry (MDR), July 29, 2009.
- [2] ISO/IEC JTC 1/SC 32/WG 2 N1313, Wuhan Study Period Meeting – Minutes of Meeting, August 2009.

1. Introduction

This document reports the changes associated with the text for (2nd Working Draft) SQL Multimedia and Application Packages (SQL/MM) – Part 8: Metadata registry (MDR) 1st Edition.

2. Changes and Notes

No	1st WD	2nd WD	Notes
1	Clause 3.2 Notations	Removed → There is no notation used in this part, and thus the corresponding clause has been removed.	The contents of 2 nd WD has been removed and changed according to the text for 2 nd WD has been modified.
2	Clause 4.2 MDR_<ClassName> type	Removed	
3	Clause 4.3 Example Application	Removed	
4	Clause 5 MDR types	Clause number has been changed → 4.2 MDR types	
5	Clause 5 (5.1~5.44)	Clause number has been Changed → 4.2.1 ~ 4.2.44	
6	Clause 6 Conformance	Clause number has been changed → 5 Conformance	
7	Clause 6.1 Requirements for conformance	Clause number has been changed → 5.1 Requirements for conformance	
8	Clause 6.2 Claims of conformance	Clause number has been changed → 5.2 Claims of conformance	
9	Introduction : 5) Clause 5, "Metadata Registry Types ", defines user-defined types for metamodel of metadata registry.	Removed → 5) Clause 5, "Conformance", defines the criteria for conformance to this part of ISO/IEC 13249	Sequence number is wrong, because clause 5 has been changed.

10	Scope in Clause 1 : This part of ISO/IEC 13249 covers an access method for consistent exchanging and sharing metadata in various application fields, and includes the followings.	Scope changed → Clause 1 Scope : This part of ISO/IEC 13249 covers a retrieve method for accessing metadata in various application fields, and includes the followings.	The scope of this part has been revised and changed. At the first version, we considered that this part can give consistent access method for exchanging and sharing metadata. To to do this, the first version contains UDTs as well as routines. However, the scope of 2 nd version has been changed from the 1 st to provide UDTs for accessing metadata. The reason of the change is that implementation is out of scope of the 13249 family. Therefore, this part just focuses on how to define user-defined types based on ISO/IEC 11179.
11	Clause 2.1 International standards (contains all parts of 11179)	ISO/IEC 11179-2, 3, 4, 5, and 6 have been removed from the clause	Eliminated unnecessarily referred standards (11179-2, 4, 5, and 6). They don't have direct effect to this part.
12	Clause 3.1 Terms (3.1.1 and 3.1.2)	Eliminated → This version describes only references.	Because the terms are already defined in the references such as 9075-1, 13249-1, and 11179-1.
13	Clause 3.2 Notations	Removed	This clause has been removed because of no notation used in this part.
14	Clause 3.4 Definitions	Clause 3.4.3 → This clause has been removed A new clause has been added as the following clause → "3.4.3 Definitions provided in ISO/IEC 13249 Part 1".	Because the definitions are already defined in the referred standards such as 13249-1 and 11179-1.
15	Clause 4.2 MDR_<ClassName> type	The clause has been removed	This part defines UDTs based on ISO/IEC 11179, and thus there is no need to redefine using prefix "MDR_" for defining UDTs. Therefore, this part just uses the class names in ISO/IEC 11179.
16	Clause 4.3 Example Application	This clause has been removed	The scope of 2 nd version of WD is changed.
17	Clause 5 MDR types	Clause 5 has been changed to Clause 4.2	

18	Clause 5.1 ~ Clause 5.44 MDR types	The prefix "MDR_" is eliminated from the UDT names in the clauses 4.2.1~4.2.44	The same reason of number 14.
19	Clause 5.1 ~ Clause 5.44 MDR types	The size of CHARACTER VARYING has been removed in the clauses 4.2.1~4.2.44	ISO/IEC 11179 provides no size of types.