



INTERNATIONAL STANDARD ISO/IEC 9075-1:2016
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
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Information technology — Database languages — SQL — Part 1: Framework (SQL/Framework)

TECHNICAL CORRIGENDUM 1

*Technologies de l'information — Langages de base de données — SQL — Partie 1: Charpente
(SQL/Charpente)*

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 9075-1:2016 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 32, *Data management and interchange*.

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4 Concepts

4.4 SQL data types

4.4.5 Constructed composite types

4.4.5.1 Collection types

This Subclause is modified by Subclause 4.1.1.1, "Collection types", in ISO/IEC 9075-15.

1. *Rationale: Insert missing text to allow Part 15 SQL/MDA to merge correctly.*

Insert the following paragraphs after the third paragraph.

An MD-array is an ordered collection of not necessarily distinct values, whose elements are referenced by their coordinate in the MD-array.

An MD-array type is specified by an MD-array type constructor.

4.6 SQL-schema objects

4.6.4 User-defined types

4.6.4.2 Distinct types

This Subclause is modified by Subclause 4.2.1.1, "Distinct types", in ISO/IEC 9075-15.

1. *Rationale: Insert missing text to allow Part 15 SQL/MDA to merge correctly.*

Replace the first paragraph with:

A *distinct type* is a user-defined data type that is based on some predefined type or collection type. The collection type on which a distinct type is based shall not be an MD-array type. The values of a distinct type are represented by the values of the type on which it is based.

6 Notation and conventions used in other parts of ISO/IEC 9075

6.3 Conventions

6.3.3 Use of terms

6.3.3.3 Rule evaluation order

1. *Rationale: Define a missing rule for the interpretation of the General Rules.*

Insert the following paragraph after the 6th paragraph:

These are identified using the phrase "the General Rules of X are evaluated", where X identifies a syntactic element occurring in the Format of the Subclause. Where this phrase occurs, the General Rules for the syntactic element identified by X are not evaluated at the normal time, but are deferred.