



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

Published 2022-06

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

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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*.

<https://standards.iteh.ai/catalog/standards/sist/55f44a75-0b24-445a-932d-5598b09ee3ee/iso-iec-9075-1-2016-cor-1-2022>



## 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.