



# Information technology — Database languages — SQL —

## Part 4: Persistent Stored Modules (SQL/PSM)

### TECHNICAL CORRIGENDUM 1

*Technologies de l'information — Langages de base de données — SQL —*

*Partie 4: Modules stockés persistants (SQL/PSM)*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO/IEC 9075-4:2011 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 32, *Data management and interchange*.

#### Statement of purpose for rationale

A statement indicating the rationale for each change to ISO/IEC 9075-4:2011 is included. This is to inform the users of ISO/IEC 9075-4:2011 why it was judged necessary to change the original wording. In many cases, the reason is editorial or to clarify the wording; in some cases, it is to correct an error or an omission in the original wording.

#### Notes on numbering

Where this Technical Corrigendum introduces new Syntax, Access, General, and Conformance Rules, the new rules have been numbered as follows:

Rules inserted between, for example, Rules 7) and 8) are numbered 7.1), 7.2), etc. [or 7)a.1), 7)a.2), etc.]. Those inserted before Rule 1) are numbered 0.1), 0.2), etc.

Where this Technical Corrigendum introduces new subclauses, the new subclauses have been numbered as follows:

Subclauses inserted between, for example, 4.3.2 and 4.3.3 are numbered 4.3.2a, 4.3.2b, etc. Those inserted before, for example, 4.3.1 are numbered 4.3.0, 4.3.0a, etc.

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Part 4:

## Persistent Stored Modules (SQL/PSM)

### TECHNICAL CORRIGENDUM 1

## 8 Additional common elements

### 8.1 <routine invocation>

1. *Rationale: Editorial to match change in Foundation.*

Replace Syntax Rule 4) with:

- 4) Replace SR 9)g)iii)3) If  $XA_i$  is an <SQL variable reference>, an <SQL parameter reference>, a <column reference>, or a <target array element specification>, then the Syntax Rules of Subclause 9.2, “Store assignment”, in ISO/IEC 9075-2, are applied with  $P_i$  as *TARGET* and  $XA_i$  as *VALUE*.

## 9 Schema definition and manipulation

### 9.11 <view definition>

1. *Rationale: Clarify that adding a subview may not violate a dependency of an SQL-schema object on some property of the subview’s supertable.*

Insert a new Syntax Rule.

- 1.1) Insert after SR21)s)v.1)5) The module descriptor of any SQL-server module.

## 11 SQL-client modules

### 11.2 <SQL procedure statement>

1. *Rationale: Clarify the execution of an SQL-statement.*

Replace General Rule 1) with: