



INTERNATIONAL STANDARD ISO/IEC 9075-4:2011 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 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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Information technology — Database languages — SQL —

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:

- 1) Replace GR 5.2) If S is not an <SQL diagnostics statement> or a <compound statement>, then the first diagnostics area is emptied.

14 Control statements

14.1 <compound statement>

*This Subclause is modified by Subclause 11.27, “<compound statement>”, in ISO/IEC 9075-10.
This Subclause is modified by Subclause 15.1, “<compound statement>”, in ISO/IEC 9075-14.*

1. *Rationale: If there is an unhandled exception, leave the loop and perform all clean-up actions.*

Replace General Rule 3) c) ii) with:

- 3) ...
 - c) ...
 - ii) If there are unhandled exception conditions at the completion of the execution of a handler (if any), then the execution of GR3) is terminated immediately and evaluation continues with GR 4).