Information technology — Database languages — SQL —
Part 4: Persistent Stored Modules (SQL/PSM)

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Langages de base de données — SQL —
Partie 4: Modules stockés persistants (SQL/PSM)

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 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.
# Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>8  Additional common elements.</td>
<td>1</td>
</tr>
<tr>
<td>8.1  &lt;routine invocation&gt;</td>
<td>1</td>
</tr>
<tr>
<td>9  Schema definition and manipulation.</td>
<td>1</td>
</tr>
<tr>
<td>9.11  &lt;view definition&gt;</td>
<td>1</td>
</tr>
<tr>
<td>11  SQL-client modules.</td>
<td>1</td>
</tr>
<tr>
<td>11.2  &lt;SQL procedure statement&gt;</td>
<td>1</td>
</tr>
<tr>
<td>12  Data manipulation.</td>
<td>2</td>
</tr>
<tr>
<td>12.8  &lt;temporary table declaration&gt;</td>
<td>2</td>
</tr>
<tr>
<td>14  Control statements.</td>
<td>2</td>
</tr>
<tr>
<td>14.1  &lt;compound statement&gt;</td>
<td>2</td>
</tr>
</tbody>
</table>
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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] 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)] 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) If $S$ is not an <SQL diagnostics statement> or a <compound statement>, then the first diagnostics area is emptied.

12 Data manipulation

12.8 <temporary table declaration>

1. Rationale: A <temporary table declaration> can be executed in direct SQL.

Replace Syntax Rule 1) with:

1) TTD shall be contained in an <SQL-client module definition>, in a <direct SQL statement> or in an <SQL-server module definition>.

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).