



INTERNATIONAL STANDARD ISO/IEC 9075-10:2003
TECHNICAL CORRIGENDUM 2

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Information technology — Database languages — SQL —

Part 10:

Object Language Bindings (SQL/OLB)

TECHNICAL CORRIGENDUM 2

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

Partie 10: Liaisons de langage objet (SQL/OLB)

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 9075-10:2003 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 32, *Data management and interchange*. Corrigendum 2 cancels and replaces ISO/IEC 9075-10:2003/Cor.1:2005.

Statement of purpose for rationale

A statement indicating the rationale for each change to ISO/IEC 9075-10:2003 is included. This is to inform the users of ISO/IEC 9075-10:2003 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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TECHNICAL CORRIGENDUM 2

Foreword

1. *Rationale: Remove incorrect reference to obsolete part.*

In the 7th paragraph, delete the 5th bullet.

12 Package sqlj.runtime

12.1 SQLJ runtime interfaces

12.1.1 sqlj.runtime.ConnectionContext

12.1.1.1 Variables

12.1.1.1.1 CLOSE_CONNECTION

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final boolean CLOSE_CONNECTION = true;
```

12.1.1.1.2 KEEP_CONNECTION

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final boolean KEEP_CONNECTION = false;
```

12.1.5 `sqlj.runtime.ResultSetIterator`

12.1.5.1 Variables

12.1.5.1.1 `ASENSITIVE`

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int ASENSITIVE = 1;
```

12.1.5.1.2 `FETCH_FORWARD`

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int FETCH_FORWARD = java.sql.ResultSet.FETCH_FORWARD;
```

12.1.5.1.3 `FETCH_REVERSE`

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int FETCH_REVERSE = java.sql.ResultSet.FETCH_REVERSE;
```

12.1.5.1.4 `FETCH_UNKNOWN`

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int FETCH_UNKNOWN = java.sql.ResultSet.FETCH_UNKNOWN;
```

12.1.5.1.5 INSENSITIVE

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int INSENSITIVE = 2;
```

12.1.5.1.6 SENSITIVE

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int SENSITIVE = 3;
```

12.2 SQLJ Runtime Classes

12.2.4 sqlj.runtime.ExecutionContext

12.2.4.1 Variables

12.2.4.1.1 ADD_BATCH_COUNT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int ADD_BATCH_COUNT = -3;
```

12.2.4.1.2 AUTO_BATCH

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int AUTO_BATCH = 100;
```

12.2.4.1.3 EXEC_BATCH_COUNT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int EXEC_BATCH_COUNT = -5;
```

12.2.4.1.4 EXCEPTION_COUNT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int EXCEPTION_COUNT = -2;
```

12.2.4.1.5 NEW_BATCH_COUNT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int NEW_BATCH_COUNT = -6;
```

12.2.4.1.6 QUERY_COUNT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int QUERY_COUNT = -1;
```

12.2.4.1.7 UNLIMITED_BATCH

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int UNLIMITED_BATCH = -7;
```

12.2.5 sqlj.runtime.RuntimeContext

12.2.5.1 Variables

12.2.5.1.1 DEFAULT_DATA_SOURCE

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final String DEFAULT_DATA_SOURCE = "jdbc/defaultDataSource";
```

12.2.5.1.2 DEFAULT_RUNTIME

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final String DEFAULT_RUNTIME = "sqlj.runtime.DefaultRuntime";
```

12.2.5.1.3 PROPERTY_KEY

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final String PROPERTY_KEY = "sqlj.runtime";
```

13 Package `sqlj.runtime.profile`

13.2 SQLJ `sqlj.runtime.profile` Classes

13.2.2 `sqlj.runtime.profile.EntryInfo`

13.2.2.1 Variables

13.2.2.1.1 BLOCK

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int BLOCK = 9;
```

13.2.2.1.2 CALL

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int CALL = 4;
```

13.2.2.1.3 CALLABLE_STATEMENT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int CALLABLE_STATEMENT = 4;
```

13.2.2.1.4 COMMIT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int COMMIT = 11;
```

13.2.2.1.5 EXECUTE

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int EXECUTE = 24;
```

13.2.2.1.6 EXECUTE_QUERY

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int EXECUTE_QUERY = 16;
```

13.2.2.1.7 EXECUTE_UPDATE

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int EXECUTE_UPDATE = 8;
```

13.2.2.1.8 ITERATOR_CONVERSION

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int ITERATOR_CONVERSION = 18;
```

13.2.2.1.9 NAMED_RESULT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int NAMED_RESULT = 32;
```

13.2.2.1.10 NO_RESULT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int NO_RESULT = 128;
```

13.2.2.1.11 OTHER

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int OTHER = 1024;
```

13.2.2.1.12 POSITIONED

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int POSITIONED = 6;
```

13.2.2.1.13 POSITIONED_RESULT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int POSITIONED_RESULT = 64;
```

13.2.2.1.14 PREPARED_STATEMENT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int PREPARED_STATEMENT = 2;
```

13.2.2.1.15 QUERY

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int QUERY = 2;
```

13.2.2.1.16 QUERY_FOR_UPDATE

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int QUERY_FOR_UPDATE = 7;
```

13.2.2.1.17 RELEASE_SAVEPOINT

1. *Rationale: Specify the value of a constant.*

Replace the definition of the public static final with:

```
public static final int RELEASE_SAVEPOINT = 22;
```