



# 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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# Information technology — Database languages — SQL —

Part 10:

## Object Language Bindings (SQL/OLB)

TECHNICAL CORRIGENDUM 2

### Foreword

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

In the 7<sup>th</sup> paragraph, delete the 5<sup>th</sup> 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;
```