



**International
Standard**

ISO/IEC 39075

**Information technology — Database
languages — GQL**

TECHNICAL CORRIGENDUM 1

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

RECTIFICATIF TECHNIQUE 1

**First edition
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4 Concepts

4.2 GQL-environments and their components

4.2.5 GQL-catalog

4.2.5.1 General description of the GQL-catalog

1. *Rationale:* Align currently misleading diagram with the normative text.

Replace [Figure 2, “Components of a GQL-catalog”](#) with:

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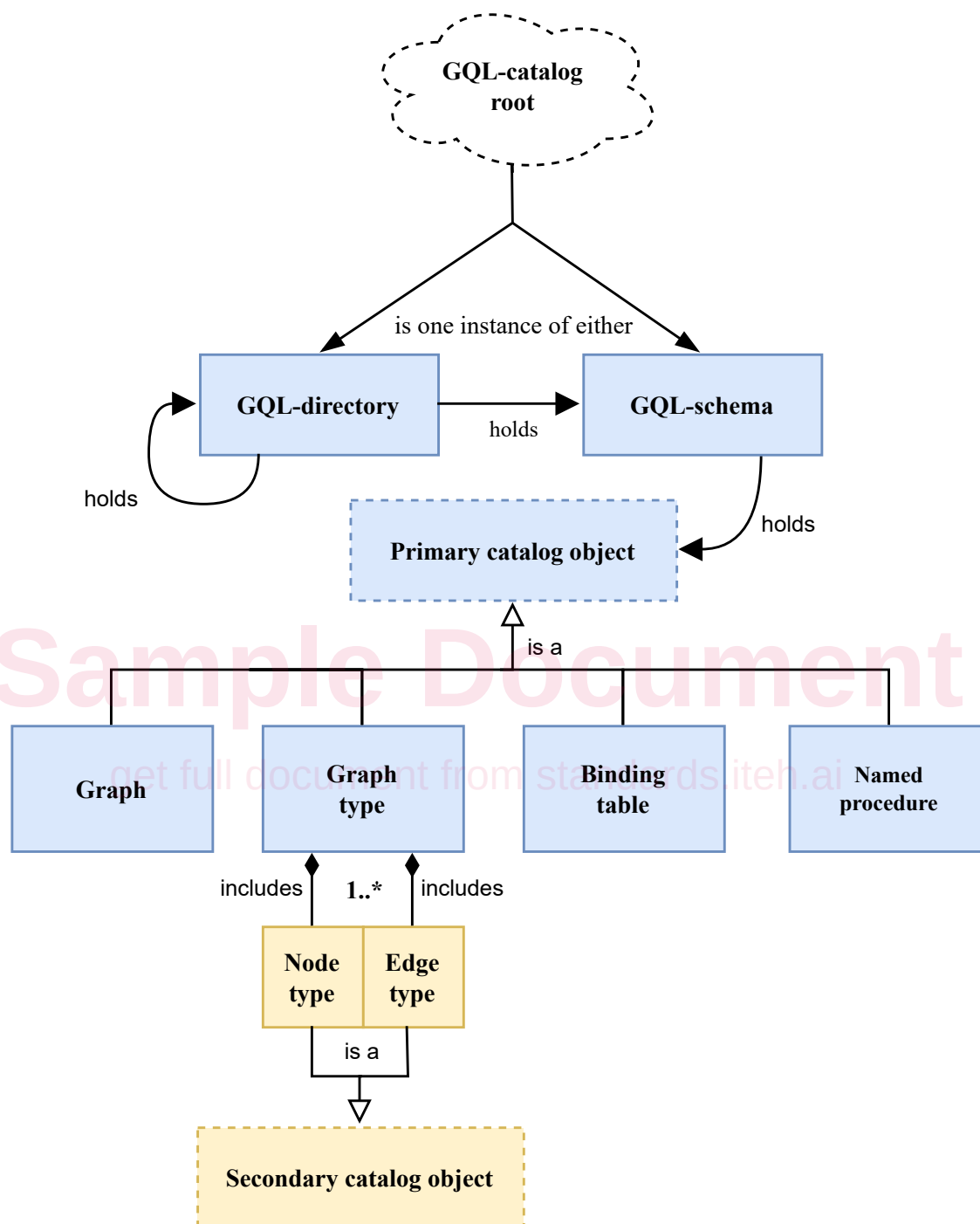


Figure 2 — Components of a GQL-catalog

4.2.5.3 GQL-schemas

1. *Rationale:* Add missing Feature required for correct conformance specification.

Replace the last paragraph with:

A GQL-implementation may automatically populate a GQL-schema upon its creation in an implementation-defined (IW016) way. Without Feature GC00, “Automatic graph population”, a conforming GQL-implementation shall not provide a GQL-schema with a pre-populated graph.

4 Execution contexts

4.8.4 Execution outcomes

1. *Rationale:* A GQL-implementation may have already returned partial results when an exception condition is identified.

Replace the 2nd bullet of the 2nd paragraph with:

- A failed outcome, which is an execution outcome recording an exception condition. It is implementation-dependent (UA003) whether or not a failed outcome returns a partial result.

4.13 GQL-object types

4.13.2 Graph types and graph element types

4.13.2.3 Node types

1. *Rationale:* Define the node type labels.

Insert the following paragraph before the 3rd paragraph:

A *node type label* of a graph type is any label that is contained in the node type label set of at least one node type of the graph type.

4.13.2.4 Edge types

1. *Rationale:* Define the edge type labels.

Insert the following paragraph before the 3rd paragraph:

An *edge type label* of a graph type is any label that is contained in the edge type label set of at least one edge type of the graph type.

4.13.2.5 Property types

1. *Rationale:* Provide the definition of being “of a property type”.

Add the following paragraph after the 2nd paragraph.

A property *P* is of a property type *PT* if *P* and *PT* have equal names and the value of *P* is of the value type of *PT*.

4.13.2.7 Structural consistency of element types

1. *Rationale:* Correct the Feature code.

Replace the 3rd paragraph with: