



INTERNATIONAL STANDARD ISO/IEC 11179-3:2003

TECHNICAL CORRIGENDUM 1

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Information technology — Metadata registries (MDR) —

Part 3: Registry metamodel and basic attributes

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Registres de métadonnées (RM) —

Partie 3: Métamodèle de registre et attributs de base

RECTIFICATIF TECHNIQUE 1

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0 Cover Page

The central element of the French title should be: Registre de métadonnées (RM). This was a typographical error.

3. Definitions

3.1 Definitions of Metamodel Constructs

In 3.1.8, in the Note, 'name' should be in bold because it is a defined term.

3.1.8

identifier (in **Metadata Registry**)

⟨metamodel⟩ a sequence of characters, capable of uniquely identifying that with which it is associated, within a specified context

NOTE A **name** should not be used as an identifier because it is not linguistically neutral.

3.2 Broad Terms used in this part of ISO/IEC 11179

In 3.2.10, the reference to [ISO/IEC 2382-1:1998, 01.01.02] should be to [ISO/IEC 2382-1:1993, 01.01.02]. This was a typographical error.

3.2.10

data

a re-interpretable representation of information in a formalized manner suitable for communication, interpretation or processing

NOTE Data can be processed by human or automatic means.

[ISO/IEC 2382-1:1993, 01.01.02]

In 3.2.11, in the definition, 'data' should be in bold because it is a defined term.

3.2.11

data model

a graphical and/or lexical representation of **data**, specifying their properties, structure and inter-relationships

In 3.2.12, in the definition, 'concept' should be in bold because it is a defined term.

3.2.12

definition

representation of a **concept** by a descriptive statement which serves to differentiate it from related concepts

[ISO 1087-1:2000, 3.3.1]

NOTE See also **Definition (of Administered Item)** (3.3.58).

In 3.2.13, in the definition, 'concept' should be in bold because it is a defined term.

3.2.13

designation

representation of a **concept** by a sign which denotes it

[ISO 1087-1:2000, 3.4.1]

NOTE See also **Designation (of Administered Item)** (3.3.67) and **name** (3.2.27).

In 3.2.26, in the definition, 'object' should be in bold because it is a defined term.

3.2.26

name

the **designation** of an **object** by a linguistic expression

NOTE See also **name (of Administered Item)** (3.3.83)

3.3 Alphabetical list of metadata objects in the metamodel

Delete the term and definition in 3.3.10, because Classification Scheme inherits the Administration Record from its parent Administered Item.

Delete the term and definition in 3.3.22, because Conceptual Domain inherits the Administration Record from its parent Administered Item.

Delete the term and definition in 3.3.31, because Context inherits the Administration Record from its parent Administered Item.

In 3.3.36, in the definition, 'data' should be in bold because it is a defined term.

3.3.36

Data Element

DE

a unit of **data** for which the **definition**, identification, representation and **Permissible Values** are specified by means of a set of **attributes**

NOTE Metamodel construct is: Class.

Delete the term and definition in 3.3.37, because Data Element inherits the Administration Record from its parent Administered Item.

In 3.3.38, in the definition, 'concept' should be in bold because it is a defined term.

3.3.38**Data Element Concept****DEC**

a **concept** that can be represented in the form of a **Data Element**, described independently of any particular representation

NOTE Metamodel construct is: *Class*.

Delete the term and definition in 3.3.39, because Data Element Concept inherits the Administration Record from its parent Administered Item.

Delete the term and definition in 3.3.64, because Derivation Rule inherits the Administration Record from its parent Administered Item.

Delete the term and definition in 3.3.89, because Object Class inherits the Administration Record from its parent Administered Item.

Delete the term and definition in 3.3.108, because Property inherits the Administration Record from its parent Administered Item. [DR-001]

Delete the term and definition in 3.3.127, because Representation Class inherits the Administration Record from its parent Administered Item.

In 3.3.139, in the definition, 'data' should be in bold because it is a defined term.

3.3.139**Value**

a data value

NOTE Metamodel construct is: *Class*.

Delete the term and definition in 3.3.141, because Value Domain inherits the Administration Record from its parent Administered Item.

4. Structure of a Metadata Registry

4.7 Description of metamodel

4.7.2 Types of Administered Items

Replace Figure 2 with the following, which:

(1) adds "Derivation Rule" as a sub-type of "Administered Item"; and

(2) shows the Administration_Record within Administered_Item to better illustrate that this will be inherited by each of the sub-types.

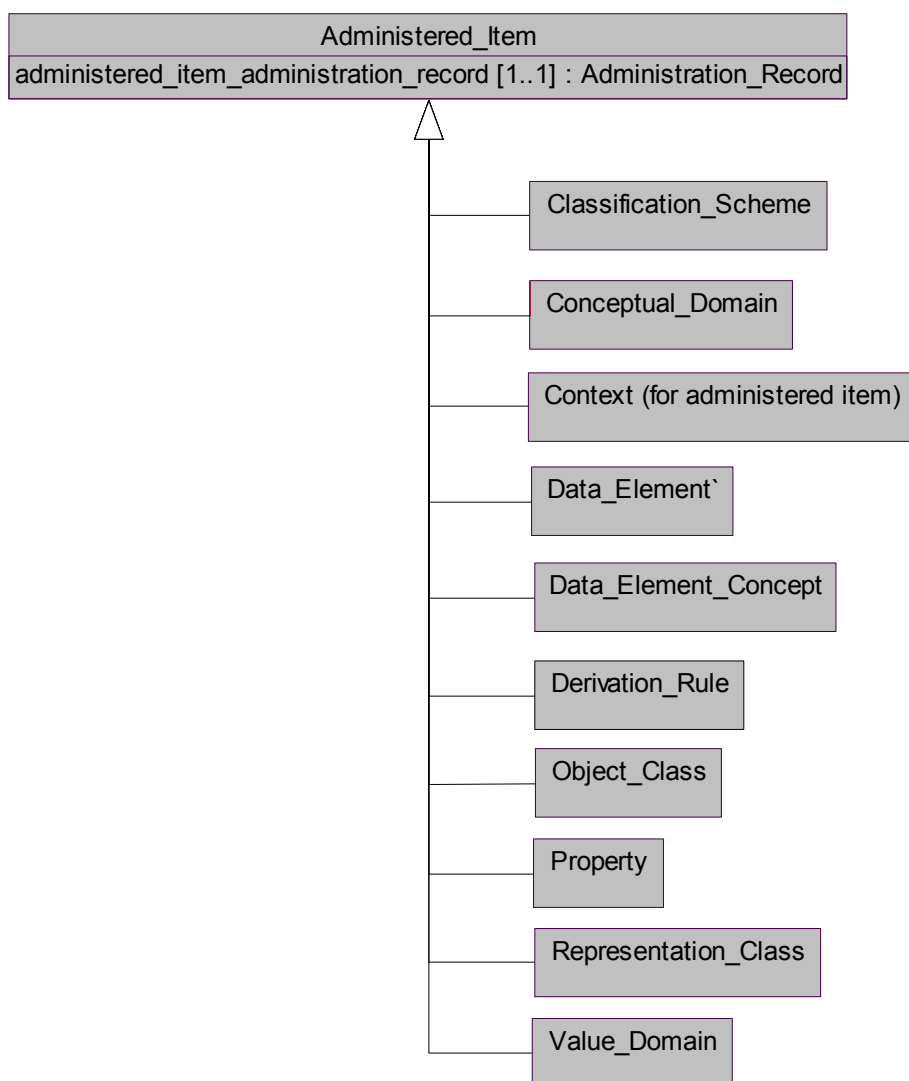


Figure 2 – Types of Administered Items