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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 Value**s are specified by means of a set of **attribute**s

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.

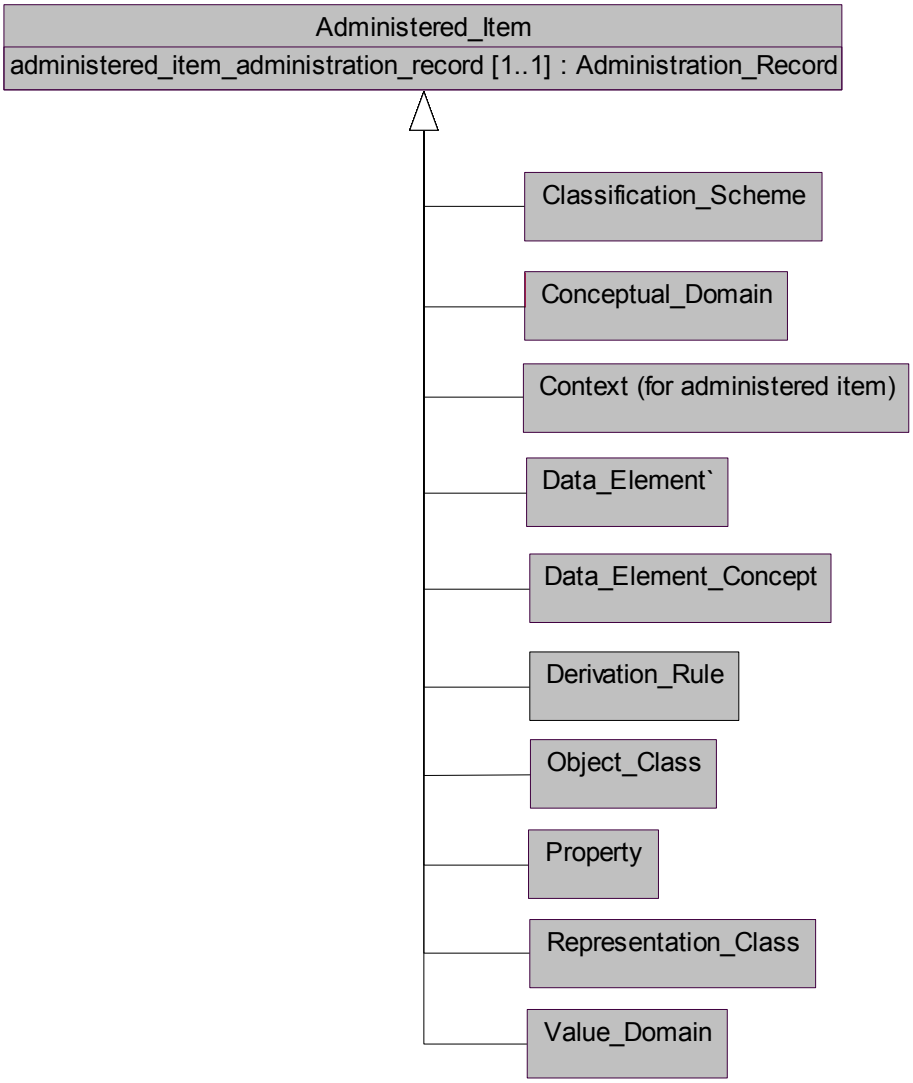

Figure 2 – Types of Administered Items

4.9 Naming and Definition Region

4.9.1 Metadata objects in the Naming and Definition region

Replace Figure 6 by the following, which removes "context_administration_record".

NOTE Context inherits the Administration Record from its parent Administered Item (see Figure 2).

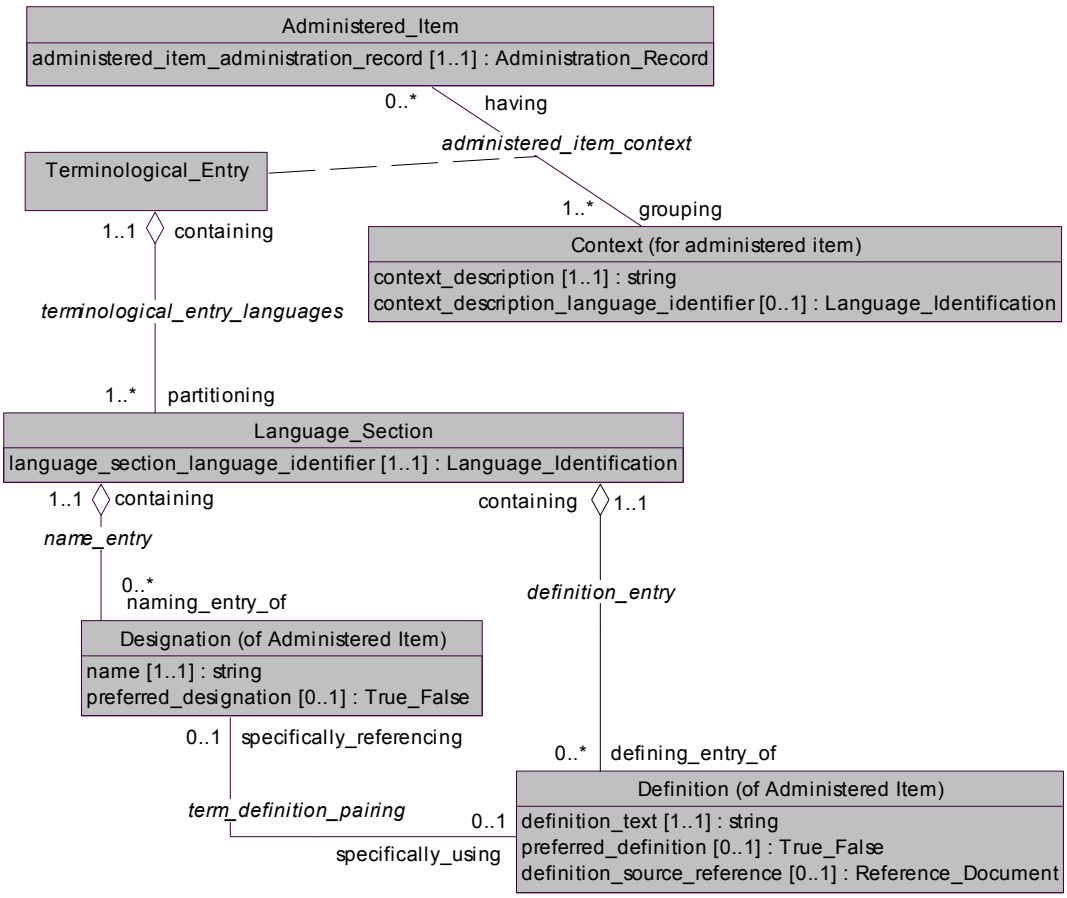

Figure 6 – Naming and definition metamodel region

4.9.1.2 Context (for Administered Item)

In the attribute listing, rename "context administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	**Occurrences**	**Datatype**
administered item administration record	One per *Context (inherited from Administered Item)*	*Administration_Record*

4.9.1.3 Terminological Entry

Replace the first sentence of paragraph 2 by the following:

An *Administered Item* shall have one or more *Terminological Entries,* each in a particular *Context*.

4.10 Classification Region

Replace Figure 7 by the following, which removes "classification_scheme_administration_record".

NOTE Classification Scheme inherits the Administration Record from its parent Administered Item (see Figure 2).

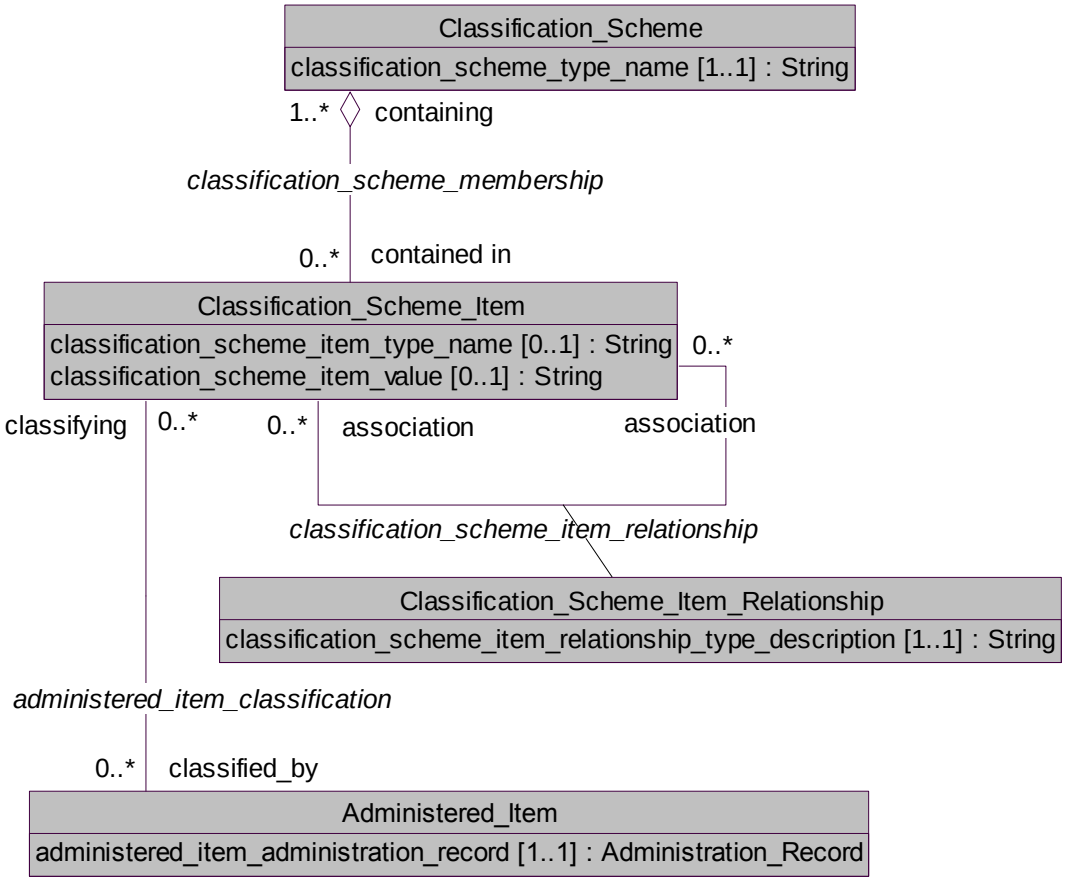

Figure 7 – Classification metamodel region

4.10.1 Metadata objects in the Classification region

4.10.1.2 Classification Scheme

In the attribute listing, rename "classification scheme administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	**Allowed Occurrences**	**Datatype**
administered item administration record	One per *Classification Scheme (inherited from Administered Item)*	*Administration_Record*

4.11 Data Element Concept Region

Replace Figure 8 by the following, which removes "data_element_concept_administration_record", "object_class_administration_record" and "property_administration_record".

NOTE Data Element Concept, Object Class and Property each inherit the Administration Record from their respective parent Administered Item (see Figure 2).

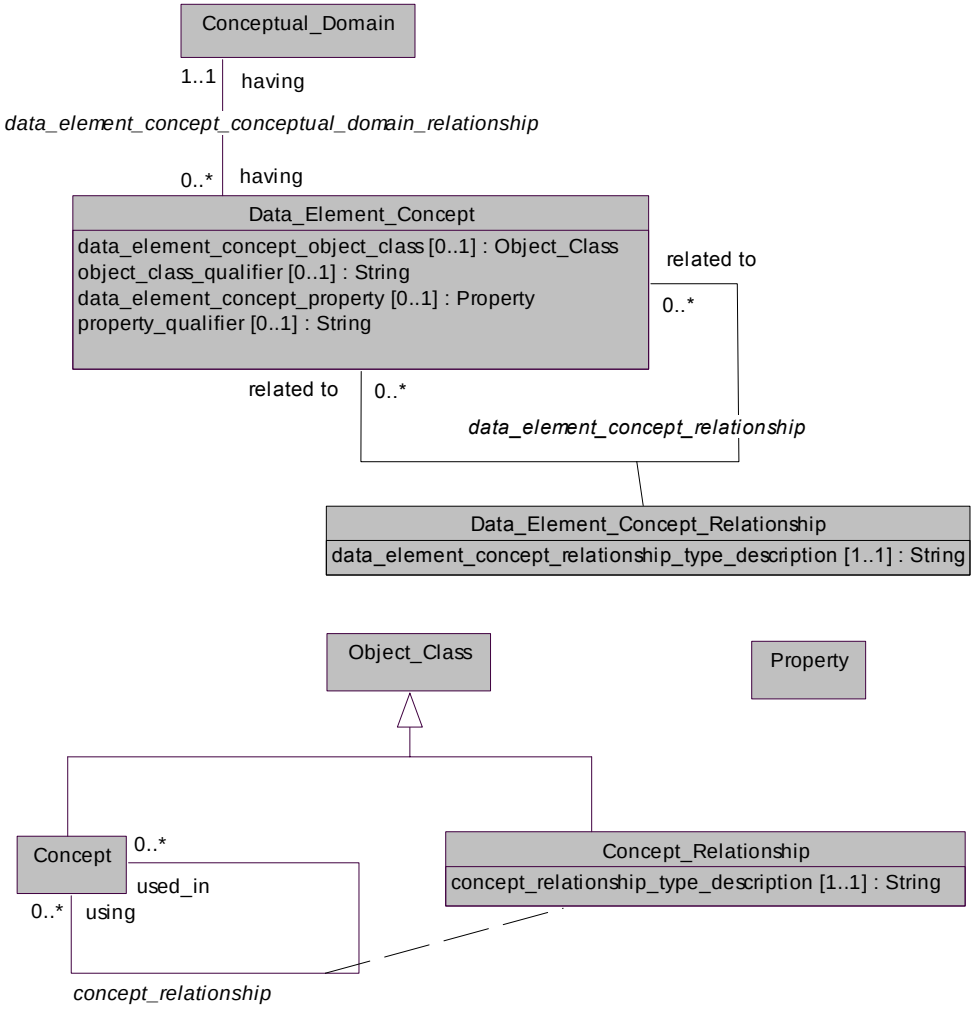

Figure 8 – Data element concept metamodel region

4.11.1 Metadata objects in the Data Element Concept region

4.11.1.1 Object Class

In the attribute listing, rename "object class administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	**Allowed Occurrences**	**Datatype**
administered item administration record	One per *Object Class (inherited from Administered Item)*	*Administration_Record*

4.11.1.2 Property

In the attribute listing, rename "property administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	Allowed Occurrences	Datatype
administered item administration record	One per *Property (inherited from Administered Item)*	*Administration_Record*

4.11.1.3 Data Element Concept

In the attribute listing, rename "data element concept administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	Allowed Occurrences	Datatype
administered item administration record	One per *Data Element Concept (inherited from Administered Item)*	*Administration_Record*

4.12 Conceptual and Value Domain Region

Replace Figure 9 by the following, which removes "conceptual_domain_administration_record", "value_domain_administration_record" and "representation_class_administration_record".

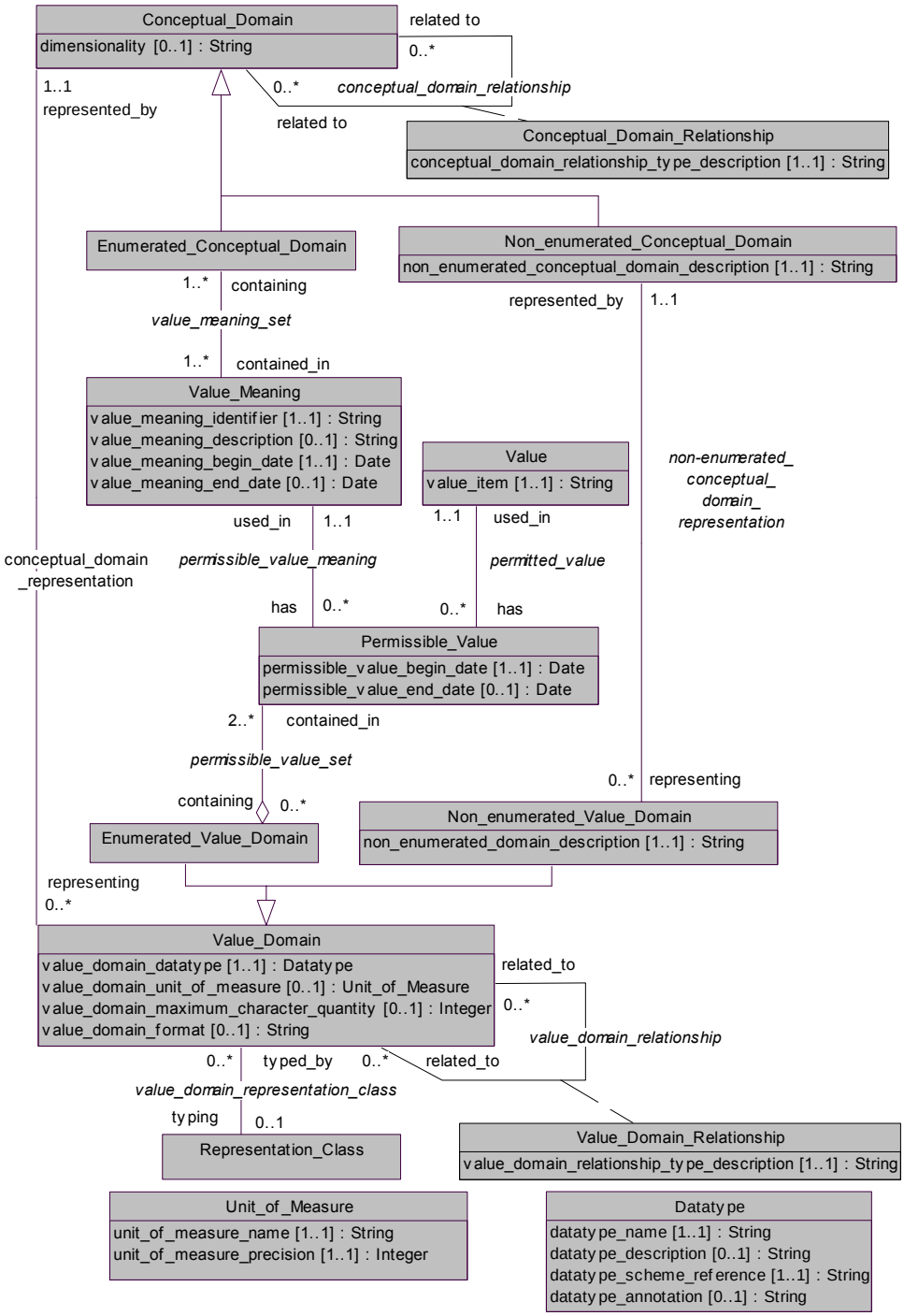

Figure 9 – Conceptual and value domain metamodel region

NOTE Conceptual Domain, Value Domain and Representation Class each inherit the Administration Record from their respective parent Administered Item (see Figure 2).

4.12.1 Metadata objects in the Conceptual and Value Domain region

4.12.1.1 Conceptual Domain

In the attribute listing, rename "conceptual domain administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	Allowed Occurrences	Datatype
administered item administration record	One per *Conceptual Domain (inherited from Administered Item)*	*Administration_Record*

4.12.1.5 Value Domain

In the attribute listing, rename "value domain administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	Allowed Occurrences	Datatype
administered item administration record	One per *Value Domain (inherited from Administered Item)*	*Administration_Record*

4.13 Data Element Region

Replace Figure 10 by the following, which removes "data_element_administration_record", "derivation_rule_administration_record" and "representation_class_administration_record".

NOTE Data Element, Derivation Rule and Representation Class each inherit the Administration Record from their respective parent Administered Item (see Figure 2).

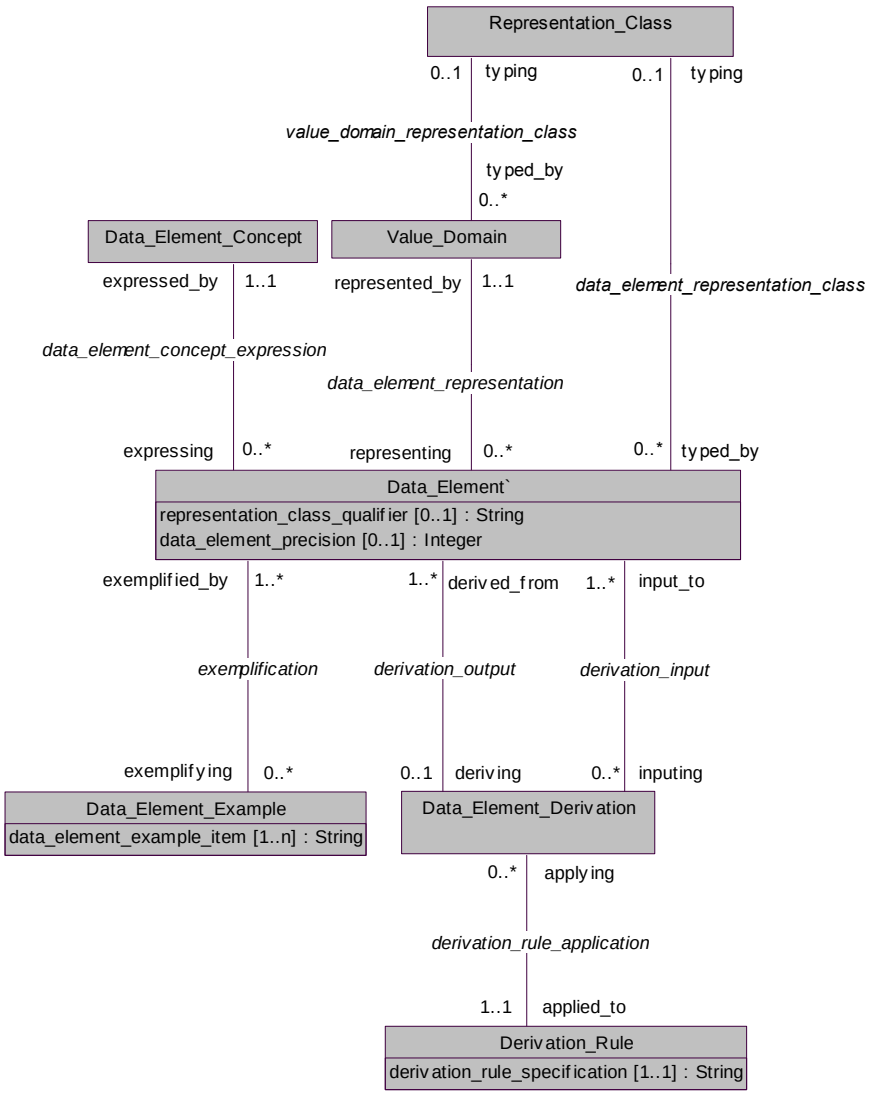

Figure 10 – Data element metamodel region

4.13.1 Metadata objects in the Data Element region

4.13.1.1 Data Element

In the attribute listing, rename "data element administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	Allowed Occurrences	Datatype
administered item administration record	One per *Data Element (inherited from Administered Item)*	*Administration_Record*

4.13.1.4 Representation Class

In the attribute listing, rename "representation class administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	Allowed Occurrences	Datatype
administered item administration record	One per *Representation Class (inherited from Administered Item)*	*Administration_Record*

4.13.1.6 Derivation Rule

In the attribute listing, rename "derivation rule administration record" to "administered item administration record" and indicate that it is inherited from Administered Item.

Attribute	Allowed Occurrences	Datatype
administered item administration record	One per *Derivation Rule (inherited from Administered Item)*	*Administration_Record*

4.14 Consolidated metamodel

Replace Figure 11 by the following, which removes "data_element_concept_administration_record", "conceptual_domain_administration_record", "derivation_rule_administration_record" , "data_element_administration_record", and "value_domain_administration_record".

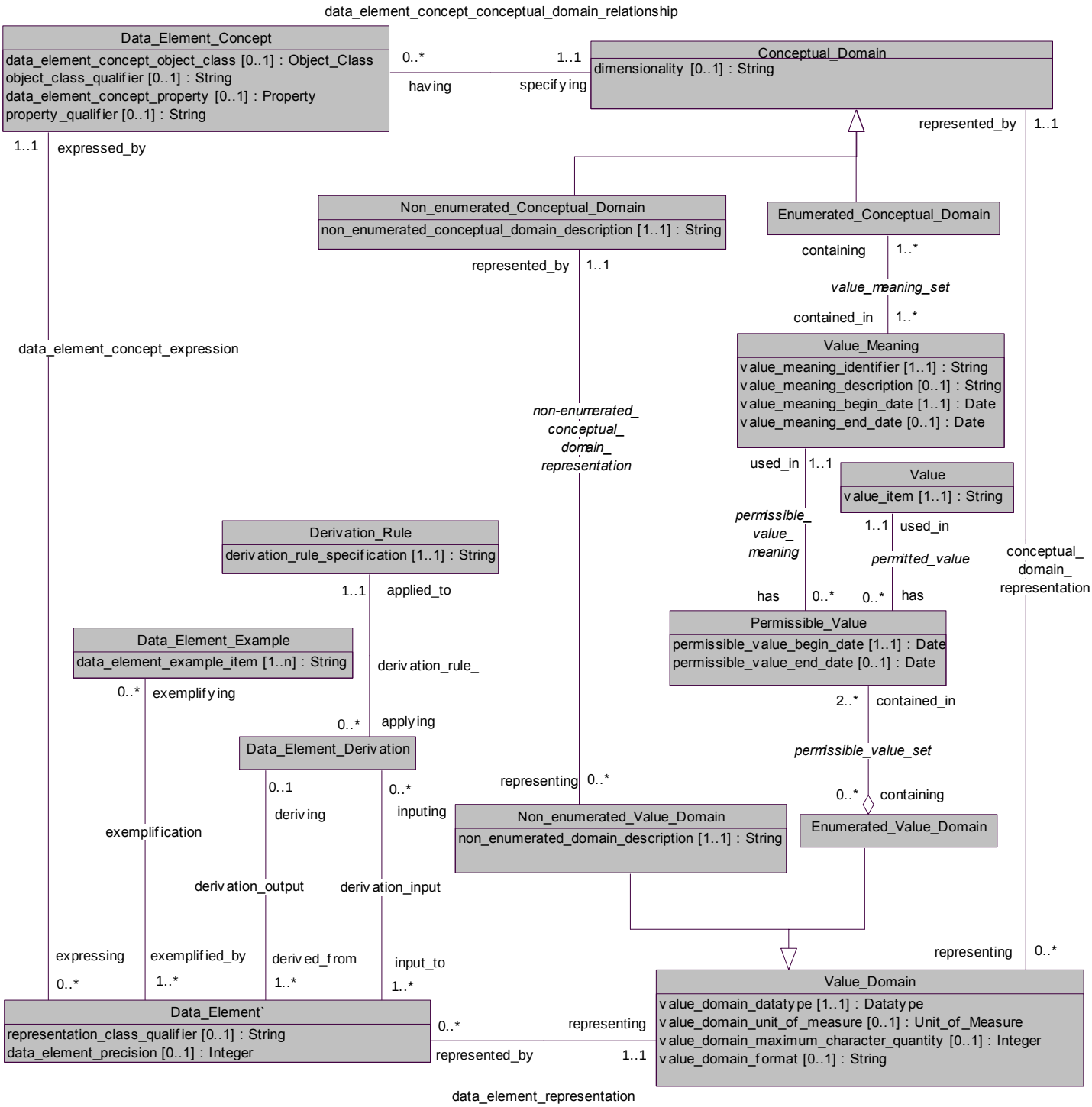

Figure 11 – Consolidated metamodel

NOTE Data Element Concept, Conceptual Domain, Data Element, Derivation Rule and Value Domain each inherit an Administration Record from their respective parent Administered Item (see Figure 2).

Annex A (of ISO/IEC 11179-3:2003) (informative)

Alphabetical List of Terms

Term and definition deleted from clause 3.3 must also be deleted from Annex A.

Term	Defined in
Administered Item	3.3.1
administered item classification	3.3.2
administered item context	3.3.3
administered item identifier	3.3.4
Administration Record	3.3.5
administrative note	3.3.6
administrative status	3.3.7
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classification scheme item type name	3.3.14
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