UN/CEFACT – Core Component Technical Specification

Technical Corrigendum

Version 2.01 (Corr. 1)

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1.0 Status of this Document

This Technical Corrigendum is a part of the maintenance process in accordance with the UN/CEFACT/TRADE/22 Open Development Process Step 8 (Maintenance). The Techniques and Methodologies Group (TMG) has approved it for future implementation.

This document contains information to guide in the interpretation or implementation.


2.1 Disclaimer

The views and specification expressed in this document are those of the authors and are not necessarily those of their employers. The authors and their employers specifically disclaim responsibility for any problems arising from correct or incorrect implementation or use of this technical specification.

2.2 Contact Information

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2.0 Introduction to Technical Corrigendum 1 of CCTS V2.01

During the use of CCTS V2.01 some rules have been identified that could be interpreted in different ways and/or lead to an error in use. This Technical Corrigendum is an outcome during the ODP 8 Step - Maintenance – and fixes those identified rules in order that they can be unambiguously interpreted and used.

The following rules are corrected:

- C21 – The parts of speech used in Dictionary Entry Names
- C27 – The definition of unique Properties of an Object Class
- B22 – The parts of speech used in Dictionary Entry Names
- B25 – Correct naming of ASBIEs
- S28 – Cardinality of Data Type Qualifier Terms

The following metamodels are corrected:

- Figure 6-1
- Figure 6-2
- Figure 7-1
3.0 Rule C21 – DEN Parts of Speech

3.1 Current Rule C21

[C21] The Dictionary Entry Name shall only contain verbs, nouns and adjectives (i.e. no words like and, of, the, etc.).

3.2 Corrected Rule C21

[C21] The Dictionary Entry Name shall only contain verbs, nouns and adjectives unless a different part of speech is part of an official title, part of a term listed in the Oxford English Dictionary, or part of a Controlled Vocabulary.

4.0 Rule C27 – Unique Properties of Object Classes

4.1 Current Rule C27

[C27] The name of a Property Term shall occur naturally in the definition and may consist of more than one word. A name of a Property Term shall be unique within the Context of an Object Class but may be reused across different Object Classes.

4.2 Corrected Rule C27

[C27] The name of a Property Term shall occur naturally in the definition and may consist of more than one word. A Basic Core Component Property Term plus a Representation Term, or an Association Core Component Property Term plus associated Object Class Term, shall be unique within the Context of an Object Class but may be reused across different Object Classes.

5.0 Rule B22 – DEN Parts of Speech

5.1 Current Rule B22

[B22] The Dictionary Entry Name shall only contain verbs, nouns and adjectives (i.e. no words like and, of, the, etc.). This rule shall be applied to the English language, and may be applied to other languages as appropriate.

5.2 Corrected Rule B22

[B22] The Dictionary Entry Name shall only contain verbs, nouns and adjectives unless a different part of speech is part of an official title, part of a term listed in the Oxford English Dictionary, or part of a Controlled Vocabulary.
6.0 Rule B25 – Correct Naming of ASBIEs

6.1 Current Rule B25

[B25] The Dictionary Entry Name of an Association Business Information Entity shall consist of the following components in the specified order:

- the Object Class Term of the corresponding Association Core Component, and possibly additional Qualifier Term(s),
- the Property Term of the corresponding Association Core Component, and possibly additional Qualifier Term(s),
- the Object Class Term of the Association Business Information Entity on which the corresponding Association Business Information Entity Property is based.

6.2 Corrected Rule B25

[B25] The DEN of an ASBIE shall consist of the following components in the specified order:

- the object class term of the associating BIE, and possibly additional qualifier term(s),
- the property term that reflects the nature of the association between object classes, and possibly additional qualifier term(s),
- the object class term of the associated BIE, and possibly additional qualifier terms(s).

7.0 Rule S28 – Cardinality of Data Type Qualifier Term

7.1 Current Rule S28

[S28] Stored Data Types shall include the following Attribute:

- Qualifier Term (mandatory): A semantically meaningful name that differentiates the Data Type from its underlying Core Component Type. It shall serve as basis for the Dictionary Entry Name of the Data Type.

7.2 Corrected Rule S28

[S28] Stored Data Types for Business Information Entities shall include the following Attribute:

- Qualifier Term (optional): A semantically meaningful term that differentiates the Data Type for a Business Information Entity from its underlying Core Component Type. It shall serve as basis for the Dictionary Entry Name of the Data Type.
7.3 Corrected Metamodels

- Figure 6-1: *Qualifier Term* removed from Data Type class
- Figure 6-2: The optional *Qualifier Term* only applies to *Data Types* for *BIE Properties*.
- Figure 7-1: *Qualifier Term* removed from Data Type class
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