ISO/IEC 15475-2:2002-11 (E)

Information technology - CDIF transfer format - Part 2: Syntax SYNTAX.1

Contents

Page

1 Scope 1

2 Conformance 2

3 Normative references 2

4 Terms and definitions 3
4.1 From other standards 3
4.2 For this standard 4

5 Symbols (and abbreviated terms) 4
5.1 Naming and diagramming notations 4
5.2 BNF conventions 4
5.3 Abbreviations 5

6 CDIF transfer concepts and facilities 5
6.1 Syntax identifier 5
6.2 Token separation rules 5

7 Syntax sections and structures in the CDIF transfer 5
7.1 Introduction 5
7.2 CDIF transfer components 5
7.2.1 Introduction 5
7.2.2 Transfer header 6
7.2.3 Transfer contents 6
7.3 Header section 6
7.3.1 Introduction 6
7.3.2 Summary 7
7.4 Metamodel section 8
7.4.1 Introduction 8
7.4.2 CDIF subject area reference 8
7.4.3 Metamodel extension 9
7.4.4 Meta-meta-entity instance 9
7.4.5 Meta-meta-attribute instance 10
7.4.6 Meta-meta-relationship instance 10
7.4.7 Enumerated meta-attribute extension 11
7.5 Model section 12
7.5.1 Introduction 12
7.5.2 Meta-entity instance 12
7.5.3 Meta-relationship instance 13
7.5.4 Meta-attribute instance 14
7.5.5 Meta-attribute value 14
7.6 Comment 19
7.7 Syntax terminal symbols 19

Annex A (normative) SYNTAX.1 formal grammar 22

Annex B (informative) Multibyte examples 28

B.1 Example of 7.3.2 Summary 28
B.2 Example of 7.4.5 Meta-meta-attribute instance 28
B.3 Example of 7.5.5.5 enumerated value 28

B.4 Example of 7.5.5.7 Identifier value 28
B.5 Example of 7.5.5.12 String value 28
B.6 Example of 7.6 Comment 29

Table of Illustrations Figure 1 - Position in the CDIF family of standards 1

Figure 2 - CDIF transfer 6