ISO 24138:2024-05 (E)

Information and documentation - International Standard Content Code (ISCC)

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Structure and format of the ISCC 4
4.1 General structure 4
4.2 ISCC-HEADER 5
4.2.1 General 5
4.2.2 MainTypes 6
4.2.3 SubTypes 7
4.2.4 Version 7
4.2.5 Length 7
4.3 ISCC-BODY 8
4.4 Encoding 8
4.4.1 Canonical form 8
4.4.2 URI encoding 9
4.4.3 Multiformats encoding 9
4.4.4 Readable encoding 9

5 ISCC-UNITs 10
5.1 Meta-Code 10
5.1.1 General 10
5.1.2 Purpose 10
5.1.3 Format 10
5.1.4 Inputs 10
5.1.5 Outputs 12
5.1.6 Seed metadata processing 12
5.1.7 Metadata embedding 13
5.1.8 Metadata extraction 13
5.2 Content-Codes 14
5.2.1 General 14
5.2.2 Purpose 14
5.3 Content-Code Subtype Text 14
5.3.1 General 14
5.3.2 Format 14
5.3.3 Inputs 15
5.3.4 Outputs 15
5.3.5 Processing 15
5.3.6 Conformance 15
5.4 Content-Code Subtype Image 16
5.4.1 General 16
5.4.2 Format 16
5.4.3 Inputs 16
5.4.4 Outputs 16
5.4.5 Processing 16
5.4.6 Conformance 17

5.5 Content-Code Subtype Audio ... 17
5.5.1 General ... 17
5.5.2 Format ... 17
5.5.3 Inputs ... 17
5.5.4 Outputs ... 18
5.5.5 Processing ... 18
5.5.6 Conformance ... 18

5.6 Content-Code Subtype Video ... 18
5.6.1 General ... 18
5.6.2 Format ... 18
5.6.3 Inputs ... 19
5.6.4 Outputs ... 19
5.6.5 Processing ... 19
5.6.6 Conformance ... 19
5.7 Content-Code Subtype Mixed ... 19
5.7.1 General ... 19
5.7.2 Format ... 20
5.7.3 Inputs ... 20
5.7.4 Outputs ... 20
5.7.5 Processing ... 20
5.7.6 Conformance ... 20
5.8 Data-Code ... 21
5.8.1 General ... 21
5.8.2 Format ... 21
5.8.3 Inputs ... 21
5.8.4 Outputs ... 21
5.8.5 Processing ... 21
5.8.6 Conformance ... 22
5.9 Instance-Code ... 22
5.9.1 General ... 22
5.9.2 Format ... 23
5.9.3 Inputs ... 23
5.9.4 Outputs ... 23
5.9.5 Processing ... 23
5.9.6 Conformance ... 23

6 ISCC-CODE ... 24
6.1 General ... 24
6.2 Purpose ... 24
6.3 Format ... 24
6.3.1 General ... 24
6.3.2 SubTypes for ISCC-CODEs ... 24
6.3.3 Length and composition of ISCC-CODEs ... 24
6.4 Inputs ... 25
6.5 Outputs ... 25
6.6 Processing ... 25
6.7 Comparing ISCC-CODEs ... 25
6.8 Conformance ... 26

Annex A (normative)RelationshipbetweenISCCandotheridentifiersystems ... 27

Annex B (normative) ISCC metadata ... 29

Annex C (informative) Evolution of this document ... 31

Annex D (normative) Reference implementation ... 32

Bibliography ... 33