

ISO/IEC 23000-15:2016-07 (E)

Information technology - Multimedia application format (MPEG-A) - Part 15: Multimedia preservation application format

Contents		Page
Foreword		iv
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
3.1	MPEG-21 terminology	2
3.2	MP-AF Structure terminology	3
3.3	MP-AF Description terminology	4
3.4	Multimedia Preservation Description Information (MPDI) terminology	4
3.5	MP-AF Process terminology	6
4	Abbreviated terms	6
5	MP-AF data model	7
5.1	General	7
5.2	Logical data model	7
5.2.1	MP-AF Digital Item Entities	8
5.2.2	MP-AF Process Entities	16
5.2.3	Relation to MPEG-21 DID Entities	22
5.2.4	Specific subclasses of Activity and Operator	23
5.3	Implementation of the MP-AF data model	24
5.3.1	Implementation of structure	24
5.3.2	Top-level elements	24
5.3.3	Implementation of Specific Descriptor Types of Preservation Metadata	27
5.3.4	References to controlled vocabularies and other resources	44
5.3.5	Nesting of descriptors	44
6	Common core metadata set	44
6.1	General	44
6.2	Core descriptive metadata	45
6.2.1	Content metadata	45
6.2.2	Descriptive Metadata for Non-Content Entities	49
6.3	Core technical metadata	52
6.3.1	Properties for all content types	53
6.3.2	Properties for image/video content	54
6.3.3	Properties for audio content	55
6.4	Generic annotation	56
6.4.1	AnnotationDescriptorType	57
6.4.2	AnnotationStatementType	57
6.4.3	RDFXMLAnnotationStatementType	57
6.4.4	JSONAnnotationStatementType	57
7	Conformance	58
7.1	Conformance of MP-AF documents	58
7.2	External schemata	59
7.3	References	59
7.3.1	References to other resources	59

7.3.2	References to controlled vocabularies	59
7.4	Conformance to MPEG-21	59
Annex A (normative) XML schema		60
Annex B (informative) Mapping MP-AF to other preservation metadata models		61
Annex C (informative) Taxonomies		66
Bibliography		68