ISO/IEC 15444-14:2013-07 (E)

Information technology - JPEG 2000 image coding system - Part 14: XML representation and reference

Contents

		Page
1	Scope	1
2	Normative references	1
	2.1 Identical Recommendation | International Standards	1
	2.2 Paired Recommendations | International Standards equivalent in technical content	1
	2.3 Additional references	2
3	Definitions	2
4	Abbreviations and symbols	3
	4.1 Abbreviations	3
5	Conventions	3
6	General description	4
	6.1 Structure of the JPXML document	4
	6.2 Creation of a JPXML document	5
	6.3 Access with the JPXML document	6
7	Document creation rules	7
	7.1 Common rule	7
	7.2 Element name rule for box format	8
	7.3 Element name rule for a tagged image format	8
	7.4 Element name rule for a marker segment	9
	7.5 Element type attributes	9
8	Accessing image data	10
	8.1 Rules for location conversion	10
	8.2 Example of location conversion	11
Annex A – JPXML elements for box file format		13
	A.1 Introduction	13
	A.2 Box element definitions	13
	A.3 Examples of XML schemas	33
Annex B – JPXML elements for codestream marker segments		61
	B.1 Introduction	61
	B.2 JPEG 2000 codestream marker element definitions	61
	B.3 Examples of XML schemas	68
Annex C – Examples and guidelines		83
	C.1 Software conventions for the box type	83
	C.2 Example of JPXML document conversion	84