ISO/IEC 15444-6:2003-10 (E)

Information technology — JPEG 2000 image coding system — Part 6: Compound image file format

Contents

Page

Foreword v
1 Scope 1
2 Normative references. 1
2.1 Identical Recommendations | International Standards 1
2.2 Additional References 2
3 Terms and definitions 3
4 Abbreviations 4
5 General Description 4
5.1 Mixed Raster Content Model 4
5.2 File Elements and Structure 6
5.3 JPM Use Scenarios (Informative) 17
Annex A Compound Image File Structure 20
A.1 File Identification 20
A.2 File Organization 20
A.3 Box Definition 22
A.4 Boxes Used in a Compound Image File 22
Annex B Box Definitions. 25
B.1 File Level Boxes 25
B.2 Page Level Boxes 36
B.3 Layout Object Level Boxes 39
B.4 Object Level Boxes 42
B.5 Codestream Element Boxes 47
B.6 General / Common Boxes 51
Annex C Metadata 66
C.1 Adding intellectual property rights information in JPM 66
C.2 Adding vendor specific information to the JPM file format 66
Annex D Profiles. 67
D.1 JPM Profiles 67
D.2 Decompression Profiles 68
Annex E Guidelines for Constructing URLs for JPM Files 69
E.1 Pages and Layout Objects 69
E.2 Metadata boxes. 69
E.3 Labels 70
E.4 Page Collections 70
E.5 Page Thumbnails 70
E.6 Document Thumbnail 70
E.7 Byte Ranges 70