

ISO/IEC 15444-5:2021-10 (E)

Information technology - JPEG 2000 image coding system - Part 5: Reference software

Contents		Page
1	Scope.....	1
2	Normative references	2
2.1	Identical Recommendations International Standards	2
2.2	Additional references	2
3	Definitions.....	2
4	Abbreviations and symbols	5
4.1	Abbreviations.....	5
4.2	Symbols	5
5	Conventions.....	6
6	General description	6
7	Copyright and licensing	6
8	Platform requirements	7
9	Reference code structure	7
9.1	JasPer executables.....	7
9.2	JJ2000 executables.....	7
9.3	OpenJPEG executables	8
9.4	TT executable.....	8
9.5	Codestream-parser executable	8
10	Software availability and updates.....	8
Annex A	JASPER – C reference software – software description	9
A.1	Introduction.....	9
A.2	Software updates	9
A.3	Version numbering.....	9
A.4	Software overview	9
A.5	JasPer library.....	10
A.6	JasPer demo application programs	10
A.7	Software requirements	11
A.8	Building the software.....	11
A.9	Using the software	11
Annex B	JJ2000 – Java reference software – software description.....	12
B.1	Introduction.....	12
B.2	Software updates	12
B.3	Software architecture	12
B.4	Installing and running the software.....	13
Annex C	OpenJPEG – C reference software - software description	14
C.1	Introduction.....	14
C.2	Getting and updating the software	14
C.3	Building and using the software.....	14
C.4	Testing the software	14
Annex D	TT – C++ reference software – software description.....	15
D.1	General.....	15
D.2	Getting the software.....	15
D.3	Building and using the software.....	15
D.4	Source files.....	15
D.5	Testing the software	16

Annex E – Codestream-parser – Python reference software – software description	17
E.1 General.....	17
E.2 Getting the software.....	17
E.3 Using the software	17
E.4 Source files.....	17
E.5 Testing the software.....	17
Bibliography.....	18