

ISO/IEC 23006-3:2016-12 (E)

Information technology - Multimedia service platform technologies - Part 3: Conformance and reference software

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms, definitions and abbreviated terms	1
3.1	Terms and definitions	1
3.2	Abbreviated terms	3
4	Namespaces and conventions	4
5	Reference software overview	8
5.1	General	8
5.2	The MXM software repository	8
6	MXM Java software implementation	10
6.1	General	10
6.2	mxm-core (normative)	10
6.3	mxm-engines (informative)	11
6.4	mxm-es (informative)	12
6.5	mxm-applications (informative)	12
6.6	mxm-dataobject (informative)	12
6.7	Java MXM Technology Engines	13
6.7.1	Digital item engine	13
6.7.2	MPEG21 File Format Engine	13
6.7.3	REL Engine	13
6.7.4	IPMP Engine	14
6.7.5	Media Framework Engine	14
6.7.6	Metadata Engine	15
6.7.7	Event Report Engine	15
6.7.8	Security Engine	15
6.7.9	Search Engine	16
6.7.10	Contract Engine	16
6.7.11	Overlay Engine	16
6.7.12	Sensory Effect Engine	16
6.8	Java MXM Protocol Engines	16
6.8.1	Java MXM Elementary Services	17
6.8.2	Technical guidelines	17
6.8.3	Create Content Usage scenario	18
7	Profiles	18
7.1	Overview	18
7.2	"strict" profile	19
7.3	"lax" profile	19
7.4	ProfileCS	19
Annex A (informative)	Check out of MXM source code from the MXM svn repository	21

Annex B (informative) Building of MXM JAVA reference software	22
Annex C (informative) Development with the MXM Java implementation	30
Bibliography	34