ISO/IEC 23004-2:2007-10 (E)

Information technology - Multimedia Middleware - Part 2: Multimedia application programming interface (API)

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Organization of this document 1

3 Normative references 1

4 Terms, definitions and abbreviated terms 2

5 Overview of interface suites 16
5.1 General interaction 16
5.2 Audio 17
5.3 Video 19
5.4 Security 23

6 General interface suites 24
6.1 General interaction and navigation 24

7 Audio interface suites 123
7.1 Broadcast Audio decoding 123
7.2 Audio processing and rendering 384

8 Video interface suites 530
8.1 Broadcast Video decoding 530
8.2 Video processing and rendering 1041
8.3 Personal video recording 1336

9 Security interface suites 1395
9.1 IPMP interface suites 1395
9.2 Governance interface suites 1420

Annex A (normative) Global types 1437

Annex B (informative) Use Cases 1449

Annex C (informative) Application notes 1452

Annex D (informative) Notational conventions 1453

Annex E (informative) Generation of channel status information 1455

Annex F (informative) Application notes 1457

Annex G (informative) Use of the data Injector in the PVR context 1458

Annex H (informative) Implementation notes 1459

Bibliography 1461