

---

---

**Information technology — Coding of  
audio-visual objects —**

**Part 5:  
Reference software**

**AMENDMENT 9: Morphing & Textures  
reference software**

*Technologies de l'information — Codage des objets audiovisuels —*

*Partie 5: Logiciel de référence*

*AMENDEMENT 9: Logiciel de référence de morphage et de textures*

**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



**COPYRIGHT PROTECTED DOCUMENT**

© ISO/IEC 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 9 to ISO/IEC 14496-5:2001 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.



# Information technology — Coding of audio-visual objects —

## Part 5:

## Reference software

### AMENDMENT 9: Morphing & Textures reference software

*Add the following lines at the end of Clause 5 "Systems reference software":*

Systems/IM1/OpenGL/AFX/DIBR2

Support for the new nodes "DepthImageV2",  
"PointTextureV2" and "SimpleTextureV2"

Systems/IM1/IM1Decoders/AFX/PTCompression

Support for the new compression functionality added to  
the old node "PointTexture"

Replace Annex C (Annex D since ISO/IEC 14496-5:2001/Amd.4) "Providers of reference software" with:

## **Annex D** (informative)

### **Providers of reference software**

The following organizations have contributed software:

ACTS – MoMuSys	AT&T
CCETT	Central Research Laboratories Ltd (CRL)
Centre de Morphologie Mathématique (CMM)	CNET
CSELT	Deutsche Telekom Berkom
Dolby Laboratories	Eastman Kodak
E-mu Systems	ENST
École Polytechnique Fédérale de Lausanne (EPFL)	Eidgenössische Technische Hochschule Zürich (ETHZ)
ETRI	Fraunhofer-Gesellschaft (FhG)
Five Bats Research	France Télécom
Heinrich Hertz Institut (HHI)	Hughes Electronics
Instituto Superior Tecnico (IST)	Institut National des Télécommunications (INT)
KPN Research	Lucent Technologies
Matsushita	Microsoft
Mindego Inc.	MIRALab/LIG
MIT Media Lab	Mitsubishi Electric Research Laboratories (MERL)
Multimedia Architectures	NEC
Nokia	NTT
NTT DoCoMo	Optibase
Panasonic Singapore Laboratories (PSL)	Philips
Queen Mary & Westfield College (QMW)	Robert Bosch GmbH
Rockwell	Samsung
Sarnoff Labs	SGDL
Siemens AG	Sun Microsystems
Superscape Ltd	Sony
Telefónica I+D	Telenor
Teltec/DCU	Texas Instruments
Toshiba	Universidad Politécnica de Madrid (UPM)
Universitat Politècnica de Catalunya (UPC)	University of Erlangen
University of Hannover (TUH)	University of Rochester
VTT Research	Vrije Universiteit Brussel (VUB)



