
**Information technology — JPEG 2000
image coding system —**

**Part 12:
ISO base media file format**

**AMENDMENT 3: Font streams and other
improvements to file format**

*Technologies de l'information — Système de codage d'images JPEG
2000 —*

Partie 12: Format ISO de base pour les fichiers médias

AMENDEMENT 3: Flux de police et autres améliorations de fichiers



Reference number
ISO/IEC 15444-12:2012/Amd.3:2015(E)

Documents
Document Sharing Hub
© ISO/IEC 2015



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2015

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested 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
Web 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

The committee responsible for this document is ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

Information technology — JPEG 2000 image coding system —

Part 12: ISO base media file format

AMENDMENT 3: Font streams and other improvements to file format

Technologies de l'information -- Système de codage d'images JPEG 2000 -- Partie 12: Format ISO de base pour les fichiers médias -- Amendement 3: Flux de police et autres améliorations de fichiers

In 8.3.3.3 before

- 'hind' this track depends on the referenced hint track, i.e., it should only be used if the referenced hint track is used.

add

- 'font' used to indicate that a track uses fonts carried/defined in the referenced track.

In 8.4.3.3 after

'subt' Subtitle track

add

'fdsm' Font data stream track

In 8.5.2.1, after

- hint tracks an entry format specific to their protocol, with an appropriate name.

add

- font tracks FontSampleEntry

In 8.5.2.2 change

```
aligned(8) class SampleDescriptionBox (unsigned int(32) handler_type)
    extends FullBox('stsd', version, 0){
    int i ;
    unsigned int(32) entry_count;
    for (i = 1 ; i <= entry_count ; i++){
        switch (handler_type){
            case 'soun': // for audio tracks
                AudioSampleEntry();
                break;
            case 'vide': // for video tracks
                VisualSampleEntry();
                break;
            case 'subt': // for subtitle tracks
                SubtitleSampleEntry();
                break;
            case 'text': // for plain text tracks
                TextSampleEntry();
                break;
            case 'hint': // Hint track
                HintSampleEntry();
                break;
```