INTERNATIONAL STANDARD

ISO/IEC 19566-8

First edition
2023-02

Information technologies — JPEG systems —

Part 8: JPEG Snack

Technologies de l'information — Systèmes JPEG —

Partie 8: JPEG Snack *définissant des métadonnées d'enrichissement destinées à faciliter la consommation des contenus JPEG*

Reference number
ISO/IEC 19566-8:2023(E)

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Published in Switzerland

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Foreword

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This document was prepared by Joint Technical Committee ISO/JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

A list of all parts in the ISO/IEC 19566 series can be found on the ISO and IEC websites.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

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Introduction

The ISO/IEC 19566 series, on JPEG systems, contributes to the specification of system-level functionalities.

JPEG Snack is a means to convey relatively simple multimedia experiences which is fundamentally based on images and the image file format. Many digital storytelling experiences are based on converting images into video-based technologies, whereas images are directly used in JPEG Snack, along with playback of other media (video, audio, titles, captions, and effects) coordinated through an explicit timeline.

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Information technologies — JPEG systems —

Part 8:
JPEG Snack

1 Scope

This document defines JPEG Snack metadata that enriches a representation of multiple media contents, in order to facilitate sharing, editing, and presentation; it further specifies metadata and container formats for JPEG Snack format.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 10918-1, *Information technology — Digital compression and coding of continuous-tone still images: Requirements and guidelines*

ISO/IEC 15444-2, *Information technology — Part 2: Extensions*

ISO/IEC 18477-3, *Information technology — Scalable compression and coding of continuous-tone still images — Part 3: Box file format*

ISO/IEC 19566-5, *Information technology — Part 5: JPEG Universal Metadata Box Format (JUMBF)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 10918-1 and ISO/IEC 18477-3 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
snack culture
consumption of image-rich media in a short story format

3.2
media type
indicator of the format and content of the file transmitted through the Internet.

3.3
z-order
ordering of overlapping two dimensional regions that define the occlusion precedence amongst them

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