FINAL DRAFT

## TECHNICAL SPECIFICATION

ISO/DTS 32007

ISO/TC 171/SC 2

Secretariat: ANSI

Voting begins on: **2023-12-04** 

Voting terminates on:

2024-01-29

# Document management — Portable Document Format — RichMedia annotations conforming to glTF assets

Gestion de documents — Portable Document Format — Annotations RichMedia conformes aux actifs glTF

## iTeh Standards (https://standards.iteh.ai) Document Preview

ISO/DTS 32007

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Published in Switzerland

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#### **Foreword**

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This document was prepared by Technical Committee ISO/TC 171, *Document management applications*, Subcommittee SC 2, *Document file formats*, *EDMS systems and authenticity of information*.

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.

#### Introduction

#### 0.1 PDF: ISO 32000

ISO 32000-2 can embed 3D Computer-aided design (CAD) models as either 3D or RichMedia annotations. 3D node, stream and view dictionaries can only reference data saved in either the ECMA-363 [Universal 3D (U3D) file format] or ISO 14739-1 [the Product Representation Compact (PRC) file format]. This can require the authoritative CAD data to be translated to either U3D or PRC solely to embed the data in a PDF file.

#### 0.2 glTF: ISO/IEC 12113

glTF is an open, royalty-free 3D asset delivery format designed and managed by the Khronos Group, which is a Standards Developing Organization (SDO).

The specification for glTF 2.0 is published as **ISO/IEC 12113:2022**.

#### 0.3 Extending PDF to support glTF

The purpose of this document is to extend the PDF specification to allow RichMedia annotations to include 3D artworks saved in the glTF format.

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