## ISO/<del>DIS-PRF</del> 14306-2<del>:2024(E</del>)

ISO-/TC-184/SC-4/JWG 1

Secretariat:- ANSI

Date: 2024-<del>03</del>06-2

Industrial automation systems and integration— JT file format specification for 3D visualization—  $\underline{\phantom{a}}$ 

Part<sub>-2</sub>: Vocabulary

iTeh Standards

Systèmes d'automatisation industrielle et intégration — Spécification de format de fichier JT pour visualisation 3D — Partie 2: Vocabulair

ISO/PRF 14306-2

https://standards.iteh.ai/catalog/standards/iso/b1dbffd7-3970-48be-9cca-ac65cb9a0bdc/iso-prf-14306-2



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

ISO/PRF 14306-2

https://standards.jteh.aj/catalog/standards/jso/b1dbffd7-3970-48be-9cca-ac65cb9a0bdc/jso-prf-14306-2

Edited DIS - MUST BE USED FOR FINAL DRAFT

## ISO/<del>DISPRF</del> 14306-2:2024(<u>Een</u>)

© ISO <del>2023</del>2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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 CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +.41 22 749 01 11 EmailE-mail: copyright@iso.org Website: www.iso.orgwww.iso.org

Published in Switzerland

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

ISO/PRF 14306-2

https://standards.iteh.ai/catalog/standards/iso/b1dbffd7-3970-48be-9cca-ac65cb9a0bdc/iso-prf-14306-2

© ISO 2024 All rights reserved

iii

© ISO 2024 - All rights reserved

Edited DIS - MUST BE USED FOR FINAL DRAFT

## ISO/<del>DIS-PRF</del> 14306-2:2024(Een)

## **Contents**

| Forewordv  |
|--|
| <u>Introduction</u> vi                               |
| 1 Scope  |
| Normative references1                                |
| 3 Terms and definitions1                             |
| Annex A (normative) Information object registration6 |
| Bibliography   |
| <u>Index</u> 8                                       |
|  |
| Foreword 3   |
| Introduction 4                                       |
| 1 Scope  |
| 2 Normative references                               |
| 3 Terms and definitions 5                            |
| Annex A (normative) Information object registration  |
| Bibliography11                                       |

# **Document Preview**

ISO/PRF 14306-2

https://standards.iteh.ai/catalog/standards/iso/b1dbffd7-3970-48be-9cca-ac65cb9a0bdc/iso-prf-14306-2

© ISO 2024 All rights reserved

iv

© ISO 2024 – All rights reserved iv

### ISO/<del>DISPRF</del> 14306-2:2024(Een)

#### **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="https://www.iso.org/directives">www.iso.org/directives</a>).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at <a href="https://www.iso.org/patents.www.iso.org/patents.">www.iso.org/patents.www.iso.org/patents.</a>. ISO shall not be held responsible for identifying any or all such patent rights.

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

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see <a href="https://www.iso.org/iso/foreword.html">www.iso.org/iso/foreword.html</a>.

This document was prepared by Technical Committee ISO/TC 184, *Automation systems and integration*, Subcommittee SC 4, *Industrial data*.

A list of all parts in the ISO 14306 series can be found on the ISO website. 15 ftd 7-3970-48 be-9cca-ac 65cb9a0bdc/iso-prf-14306-2

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 <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.

Field Code Changed

© ISO 2024 All rights reserved

© ISO 2024 - All rights reserved

Edited DIS - MUST BE USED FOR FINAL DRAFT

### ISO/<del>DIS PRF</del> 14306-2:2024(Een)

### Introduction

The ISO 14306 series format is an industry focused, high-performance, lightweight, flexible file format for capturing and repurposing 3D product definition data for visualization to enable collaboration and validation throughout the extended enterprise. The ISO 14306 series format is capable of being streamed and contains compression for compact and efficient representation.

The ISO 14306 format file is based upon the JT file format and is stored on disk with a file extension of ".jt".

 $This document provides \ a \ listing \ of the terms \ and \ definitions \ and \ required \ to \ understand \ the \ ISO \ 14306 \ series.$ 

This document also acts as a terminology reference for the development of related standards outside of the ISO 14306 series.

Annex A $\underline{A}$ nnex A $\underline{A}$  contains an identifier that conforms to ISO/IEC 8824-1. The identifier unambiguously identifies this document in an open information system.

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

ISO/PRF 14306-2

https://standards.iteh.ai/catalog/standards/iso/b1dbffd7-3970-48be-9cca-ac65cb9a0bdc/iso-prf-14306-2

© ISO 2024 All rights reserved