AS ISO/IEC 9973:2015
ISO/IEC 9973:2013

AS ISO/IEC 9973:2015



Information technology—Computer graphics, image processing and environmental data representation—Procedures for registration of items



This Australian Standard® was prepared by Committee IT-031, Computer Modelling and Simulation. It was approved on behalf of the Council of Standards Australia on 20 April 2015. This Standard was published on 12 May 2015.

The following are represented on Committee IT-031:

- ANZLIC—The Spatial Information Council
- Department of Defence (Australia)
- Simulation Australia

This Standard was issued in draft form for comment as DR AS ISO/IEC 9973:2015.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting www.standards.org.au

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

Australian Standard®

Information technology—Computer graphics, image processing and environmental data representation—Procedures for registration of items

First published as AS ISO/IEC 9973:2015.

COPYRIGHT

© Standards Australia Limited

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968.

Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 76035 049 9

PREFACE

This Standard was prepared by the Standards Australia Committee IT-031, Computer Modelling and Simulation.

The objective of this Standard is to provide a set of procedures for managing the International Register of Items. In this context, items are members of classes defined within the standards developed by ISO/IEC JTC 1/SC 24 that may be registered. The set of procedures specified in this Standard is equally applicable to any standard that includes a provision for registering items in the International Register of Items.

This Standard is identical with, and has been reproduced from, ISO/IEC 9973:2013, *Information technology—Computer graphics, image processing and environmental data representation—Procedures for registration of items*.

As this Standard is reproduced from an International Standard, the following applies:

(a) In the source text ‘this International Standard’ should read ‘this Australian Standard’.

(b) A full point substitutes for a comma when referring to a decimal marker.

The terms ‘normative’ and ‘informative’ are used to define the application of the annexes to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

CONTENTS

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Concepts **2**
4.1 Overview 2
4.2 Registration authority 3
4.3 Sponsoring authorities 3
4.4 Items 4
4.5 Sections 4
4.6 Registration process 4
4.7 Proposal guidelines and forms 4
4.8 New or revised International Standards 4

5 International Register of Items **5**
5.1 Availability of the International Register of Items 5
5.2 Responsibilities of the registration authority 5
5.3 Recipients of activity notices 7
5.4 Addition of classes 7
5.5 Addition of items 7
5.6 Modification/clarification 7
5.7 Conversion of registered items to standardized items 8
5.8 Deprecation 8

Annex A (normative) **Information needed to submit proposals** **9**

Annex B (informative) **Example forms for proposals to register items** **10**

Annex C (informative) **Language binding guidelines** **24**

Annex D (informative) **Encoding guidelines** **26**

Bibliography **29**

INTRODUCTION

This International Standard provides a set of procedures for managing the International Register of Items. In this context, items are members of classes defined within the standards developed by ISO/IEC JTC 1/SC 24 that may be registered. The set of procedures specified in this International Standard is equally applicable to any standard that includes a provision for registering items in the International Register of Items.

Standards that wish to use the International Register of Items may have certain classes of items in common that are allowed to vary across implementations of those standards. There is a strong incentive for implementations using the same registered items to reference them in the same way. Each such standard has the potential to provide for registration of items of certain classes and expressly identifies those classes of items that may be registered. When such a standard is published, those classes of items identified for registration are automatically added to the International Register of Items.

The procedures in this International Standard are used in preparing, maintaining, and publishing the International Register of Items. The register includes current classes of items from relevant International Standards whose content can be extended through registration. The classes of items are listed within the register and therefore maintained separately from this International Standard. The register also serves as a means to inform all concerned of items already registered and of the specific identifiers assigned to them. Registration provides identification for an item but should not be regarded as a standardization procedure.

Annex A identifies the information needed in submitting item proposals. Annex B contains example proposal forms. Annex C contains language binding guidelines for submission of registration proposals. Annex D contains encoding guidelines for submission of registration proposals.

AUSTRALIAN STANDARD

Information technology—Computer graphics, image processing and environmental data representation—Procedures for registration of items

1 Scope

This International Standard specifies procedures to be followed in preparing, maintaining and publishing the International Register of Items for any standard whose classes of items are applicable to this register. The items that may be registered fall into several broad categories including:

— computer graphics concepts,

— data structures used by relevant standards,

— spatial and environmental concepts, and

— profiles of relevant standards.

2 Normative references

The following referenced documents are indispensable for the application 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.

None.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
approval body
organization that approves or rejects proposals

3.2
clarification
non-substantive change to a *registered item*

3.3
class
set of *items* with common properties or that are common in application to a relevant International Standard

3.4
deprecated item
items that have been approved for removal because they were found to be obsolete or in error

Note 1 to entry: Deprecated items are retained in the register, but marked as “deprecated”.

3.5
Generalized Drawing Primitive
GDP
primitive required for graphical item registration

© Standards Australia