



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

STANDARDS
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-

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Australian Standard[®]

**Information technology—Computer
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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 mark.

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.

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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**

item 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