

Australian Standard[®]

Data processing—Vocabulary

Part 12: Peripheral equipment

This Australian Standard was prepared by Committee IT/9, Information Systems—Vocabulary and Software. It was approved on behalf of the Council of Standards Australia on 12 December 1990 and published on 28 March 1991.

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PREFACE

This Standard was prepared by the Standards Australia Committee on Information Systems—Vocabulary and Software. It is identical with and has been reproduced from ISO 2382-12: 1988—*Information processing systems—Vocabulary—Part 12: Peripheral equipment*.

The complete Standard comprises the following parts:

- Part 0: Consolidated index
- Part 1: Fundamental terms
- Part 2: Arithmetic and logic operations
- Part 3: Equipment technology
- Part 4: Organization of data
- Part 5: Representation of data
- Part 6: Preparation and handling of data
- Part 7: Digital computer programming
- Part 9: Data communication
- Part 10: Operating techniques and facilities
- Part 11: Control, input-output and arithmetic equipment
- Part 12: Data media, storage and related equipment
- Part 13: Computer graphics
- Part 14: Reliability, maintenance and availability
- Part 15: Programming languages
- Part 16: Information theory
- Part 19: Analog computing
- Part 21: Interfaces between process computer systems and technical processes
- Part 22: Calculators
- Part 24: Numerical control of machines

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- (ii) *References* The references to International Standards should be replaced by references to Australian Standards as follows:

<i>Reference to International Standards</i>	<i>Australian Standard</i>
ISO	AS
639 Codes for the representation of names of languages	—
1087 Terminology—Vocabulary	—

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Data processing—Vocabulary

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Section one: General

1 Scope and field of application

This International Standard is intended to facilitate international communication in information processing. It presents terms and definitions of selected concepts relevant to the field of information processing and identifies relationships between the entries.

In order to facilitate their translation into other languages, the definitions are drafted so as to avoid, as far as possible, any peculiarity attached to a language.

This part of ISO 2382 (which will comprise some twenty-eight parts) defines the data media, the storage devices and also the magnetic tapes and the printers.

2 References

ISO 639, *Code for the representation of names of languages*.

ISO 1087, *Vocabulary of terminology*.¹⁾

3 Principles and rules followed

3.1 Definition of an entry

Section two comprises a number of entries. Each entry consists of a set of essential elements that includes an index number, one term or several synonymous terms, and a phrase defining one concept. In addition, an entry may include examples, notes or illustrations to facilitate understanding of the concept.

Occasionally, the same term may be defined in different entries, or two or more concepts may be covered by one entry, as described in 3.5 and 3.8 respectively.

Other terms such as **vocabulary**, **concept**, **term** and **definition**, are used in this International Standard with the meaning defined in ISO 1087.

3.2 Organization of an entry

Each entry contains the essential elements defined in 3.1 and, if necessary, additional elements. The entry may contain the following elements in the following order:

- a) an index number (common for all languages in which this International Standard is published);
- b) the term or the generally preferred term in the language. The absence of a generally accepted term for the concept in the language is indicated by a symbol consisting of five points (.....); a row of dots may be used to indicate, in a term, a word to be chosen in each particular case;

- c) the preferred term in a particular country (identified according to the rules of ISO 639);
- d) the abbreviation for the term;
- e) permitted synonymous term(s);
- f) the text of the definition (see 3.4);
- g) one or more examples with the heading "Example(s)";
- h) one or more notes specifying particular cases in the field of application of the concepts, with the heading "NOTE(S)";
- i) a picture, a diagram, or a table which could be common to several entries.

3.3 Classification of entries

A two digit serial number is assigned to each part of this International Standard, beginning with **01** for "**fundamental terms**".

The entries are classified in groups to each of which is assigned a four-digit serial number; the first two digits being those of the part of this International Standard.

Each entry is assigned a six-digit index number; the first four digits being those of the part of this International Standard and the group.

In order that versions of this International Standard in various languages are related, the numbers assigned to parts, groups and entries are the same for all languages.

3.4 Selection of terms and wording of definitions

The selection of terms and the wording of definitions have, as far as possible, followed established usage. When there were contradictions, solutions agreeable to the majority have been sought.

3.5 Multiple meanings

When, in one of the working languages, a given term has several meanings, each meaning is given a separate entry in order to facilitate translation into other languages.

3.6 Abbreviations

As indicated in 3.2, abbreviations in current use are given for some terms. Such abbreviations are not used in the texts of the definitions, examples or notes.

¹⁾ At present at the stage of draft. (Revision of ISO/R 1087: 1969.)