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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 5271.7-2008

Replacing GB/T 5271.7-1986

**Information technology -- Vocabulary -- Part 7: Computer
programming**

信息技术 词汇 第7部分：计算机编程

(English Translation)

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Foreword

GB/T 5271 "Information technology - Vocabulary" is divided into 30 parts.

- Part 1. Basic terminology
- Part 2. arithmetic and logic operations
- Part 3. Equipment technology
- Part 4. Organization of data
- Part 5. data representation
- Part 6. Preparation and handling of data
- Part 7. Computer programming
- Part 8. Security
- Part 9. Data communication

- Part 10. Operating techniques and facilities
- Part 29. Artificial intelligence - Speech recognition and synthesis
- Part 31. Artificial intelligence - Machine learning
- Part 32. E-mail
- Part 34. artificial neural networks this section is equivalent to using the ISO/IEC 2382-7:2000 "Information technology - Vocabulary - Part 7. Computer Programming" (in English).

This part of GB/T 5271 Part 7.

This Part replaces GB/T 5271.7-1986 "Data processing - Vocabulary - Part 07 computer programming." this portion of the GB/T 5271.7-1986 The main difference is a version based on the previous term by deleting 15, 280 new terms, Increase 6.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

1.1 Scope

GB/T 5271 This section is intended to facilitate IT domestic or international exchanges. It gives information about the technical field of choice the concept of terms and definitions, and identifies the relationship between these terms.

GB/T 5271 This section contains the (relevant) computer (edited) program, in particular ready to implement, debug, and verification procedures common and the term of choice.

1.2 Normative references

The following documents contain provisions cited by GB/T 5271 to the present, constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 2659 world countries and regions in the name of the code (GB/T 2659-2000, eqv ISO 3166-1:1997) GB/T 5271.6-2000 Information technology - Vocabulary - Part 6. Preparation and handling of data (eqv ISO/IEC 2382-6.

1987)

GB/T 5271.10-1986 Information technology - Vocabulary - Part 10. Operating techniques and facilities (eqv ISO/IEC 2382-10.

1979)

GB/T 5271.20-1994 IT Vocabulary Part 20 System Development (eqv ISO/IEC 2382-20:1990) GB/T 5271.23-2000 Information technology - Vocabulary - Part 23. Text processing (eqv ISO/IEC 2382-23:1994) GB/T 15237.1 Terminology work - Vocabulary - Part 1. Theory and Applications (GB/T 15237.1-2000, eqv ISO 1087-1:2000)

1.3 Principles and rules to follow

Definitions 1.3.1 entries Chapter 2 includes a plurality of entries. Each term by a few essential elements, including the index, a term or several synonymous terms and the definition of the concept of a phrase. In addition, an entry may include, for example, notes or easy to understand concept illustration.

Sometimes the same term by different terms to define, or an entry may include two or more concepts, see the description of each 1.3.5 and 1.3.8.

GB/T 5271 other terms used in this part, such as vocabulary, concepts, terminology and definitions, which has two meanings in GB/T 15237.1 in definition.

1.3.2 Entry composition

Each entry includes the required elements specified in 1.3.1, if necessary, increase the number of elements. The entry can include the following order Now elements.

- a) index number (for release GB/T 5271 in this section are common to all languages);
- b) a term or terms generally preferred language. The concept of language is generally preferred if there is no express term, then use five points (group A) symbol (...) indicates; in terms, a line of dots used to represent each particular case of the selected word;
- c) a country (according to GB/T 2659 Rules identification) is generally preferred term;
- d) abbreviations of terms;

GB/T 5271.7-2008/ISO/IEC 2382-7:2000