TECHNICAL
REPORT

ISO/IEC
TR 12382

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Permuted index of the vocabulary of information technology

Index permuté du vocabulaire des technologies de l'information

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

The main task of technical committees is to prepare International Standards. In exceptional circumstances a technical committee may propose the publication of a Technical Report of one of the following types:

— type 1, when the required support cannot be obtained for the publication of an International Standard, despite repeated efforts;

— type 2, when the subject is still under technical development or where for any other reason there is the future but not immediate possibility of an agreement on an International Standard;

— type 3, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example).

Technical reports of types 1 and 2 are subject to review within three years of publication, to decide whether they can be transformed into International Standards. Technical reports of type 3 do not necessarily have to be reviewed until the data they provide are considered to be no longer valid or useful.

ISO/IEC TR 12382, which is a Technical Report of type 3, was prepared by Joint Technical Committee ISO/IEC JTC 1/SC 1, *Information technology — Vocabulary*.

This second edition cancels and replaces the first edition (ISO/IEC TR 12382:1989), which has been technically revised.

Introduction

Terms and definitions for the field of information technology are standardized in ISO 2382, *Information technology — Vocabulary*, which currently comprises the following parts :

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 - Computer programming
Part 8 - Control, integrity and security
Part 9 - Data communication
Part 10 - Operating techniques and facilities
Part 11 - Processing units
Part 12 - Peripheral equipment
Part 13 - Computer graphics
Part 14 - Reliability, maintenance and availability
Part 15 - Programming languages
Part 16 - Information theory
Part 17 - Databases
Part 18 - Distributed data processing
Part 19 - Analog computing
Part 20 - System development
Part 21 - Interfaces between process computer systems and technical processes
Part 22 - Calculators
Part 23 - Word processing
Part 24 - Computer-integrated manufacturing
Part 25 - Local area networks
Part 26 - Open systems interconnection architecture
Part 27 - Office automation
Part 28 - Artificial intelligence

This Technical report provides a permuted index of the terms included in the above parts of ISO 2382.

It should be noted that some of the parts are still in course of preparation, whilst others are under revision. In the latter case, this index refers to the revision and not to the published part.

It is hoped that the publication of this index in the form of a type 3 Technical Report will facilitate the use of ISO 2382 by all who need to be able to refer to standardized terms and definitions in the rapidly evolving field of information technology.

Permuted index of the vocabulary of information technology

Scope

This Technical Report provides a permuted index of terms defined in parts 1 to 28 of ISO 2382.