

INTERNATIONAL
STANDARD

ISO/IEC
16509

IEEE
Std 2000.1

First edition
1999-10-15

Information technology — Year 2000 terminology

Technologie de l'information — Terminologie de l'an 2000



Reference number
ISO/IEC 16509:1999(E)
Documents
Std 2000.1, 1998 edition
AVA Document Sharing Hub

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

ISO
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 734 10 79
E-mail copyright@iso.ch
Web www.iso.ch

Abstract: This standard provides concepts, definitions, remediation techniques, and other supporting terms fundamental to a lexicon for Year 2000 terminology. It addresses key topics pertinent to the development of resolutions to the Year 2000 problem. The core of this standard is the definitions Clause which contains the definition for Year 2000 compliance. Two critical aspects of this definition are: first, the acknowledgment of the significance of documentation associated with technology, and, second, the recognition that compliance is a two-way street, i.e., the proper exchange of date data is paramount for technology to remain compliant.

Keywords: date exchange, remediation techniques, Year 2000 compliant

The Institute of Electrical and Electronics Engineers, Inc.
3 Park Avenue, New York, NY 10016-5997, USA

Copyright © 1999 by the Institute of Electrical and Electronics Engineers, Inc.
All rights reserved. Published 7 October 1999. Printed in the United States of America.

Print: ISBN 0-7381-1803-6 SH94784
PDF: ISBN 0-7381-1804-4 SS94784

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.

ANSI/IEEE 2000.1-1998

IEEE Standards documents are developed within the IEEE Societies and the Standards Coordinating Committees of the IEEE Standards Association (IEEE-SA) Standards Board. Members of the committees serve voluntarily and without compensation. They are not necessarily members of the Institute. The standards developed within IEEE represent a consensus of the broad expertise on the subject within the Institute as well as those activities outside of IEEE that have expressed an interest in participating in the development of the standard.

Use of an IEEE Standard is wholly voluntary. The existence of an IEEE Standard does not imply that there are no other ways to produce, test, measure, purchase, market, or provide other goods and services related to the scope of the IEEE Standard. Furthermore, the viewpoint expressed at the time a standard is approved and issued is subject to change brought about through developments in the state of the art and comments received from users of the standard. Every IEEE Standard is subjected to review at least every five years for revision or reaffirmation. When a document is more than five years old and has not been reaffirmed, it is reasonable to conclude that its contents, although still of some value, do not wholly reflect the present state of the art. Users are cautioned to check to determine that they have the latest edition of any IEEE Standard.

Comments for revision of IEEE Standards are welcome from any interested party, regardless of membership affiliation with IEEE. Suggestions for changes in documents should be in the form of a proposed change of text, together with appropriate supporting comments.

Interpretations: Occasionally questions may arise regarding the meaning of portions of standards as they relate to specific applications. When the need for interpretations is brought to the attention of IEEE, the Institute will initiate action to prepare appropriate responses. Since IEEE Standards represent a consensus of all concerned interests, it is important to ensure that any interpretation has also received the concurrence of a balance of interests. For this reason, IEEE and the members of its societies and Standards Coordinating Committees are not able to provide an instant response to interpretation requests except in those cases where the matter has previously received formal consideration.

Comments on standards and requests for interpretations should be addressed to:

Secretary, IEEE-SA Standards Board
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
USA

Note: Attention is called to the possibility that implementation of this standard may require use of subject matter covered by patent rights. By publication of this standard, no position is taken with respect to the existence or validity of any patent rights in connection therewith. The IEEE shall not be responsible for identifying patents for which a license may be required by an IEEE standard or for conducting inquiries into the legal validity or scope of those patents that are brought to its attention.

Authorization to photocopy portions of any individual standard for internal or personal use is granted by the Institute of Electrical and Electronics Engineers, Inc., provided that the appropriate fee is paid to Copyright Clearance Center. To arrange for payment of licensing fee, please contact Copyright Clearance Center, Customer Service, 222 Rosewood Drive, Danvers, MA 01923 USA; (978) 750-8400. Permission to photocopy portions of any individual standard for educational classroom use can also be obtained through the Copyright Clearance Center.

International Standard ISO/IEC 16509:1999(E)

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. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 16509 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 22, *Programming languages, their environments and system software interfaces*.

Annexes A to C of this International Standard are for information only.



International Organization for Standardization/International Electrotechnical Commission
Case postale 56 • CH-1211 Genève 20 • Switzerland

ANSI/IEEE 2000.1-1998

This introduction provides background on the rationale used to develop this international standard. This information is meant to aid in the understanding and usage of this standard.

This international standard addresses the key industry concern over the existence of multiple terms and lexicons that carry varied meanings. IEEE has designed this standard to assist individuals and organizations in their efforts to develop Year 2000 solutions. Having a base-line set of terms and definitions that can serve as a foundation for such efforts is vital.

Participants

PASC Sponsor Executive Committee

Chair: Lowell G. Johnson
Vice-Chair: Joseph Gwinn
Functional Chairs: Andrew Josey
Jay Ashford
Curtis Royster
Secretary: Nick Stoughton

At the time the IEEE Portable Applications Standards Committee revised this standard, the Year 2000 Terminology Working Group had the following membership:

Kevin Lewis, Technical Editor

Michael Aisenberg
Steve Allen
Michael Berens
Leonard Brush
George Cherry
Cory Claymon
Joseph K. Clema
Robert Cohen
Johnetta Colbert
Eldon Colby
Donald Cragun
John Davies
Christina Drukala
Amy Fliegelman-Olli
Trutz Foelsche
Lee Gallagher
Robert Gniewkowski
Debbie Goldberg
Joeseeph M. Gwinn

Tim Harris
JoAnn Henderson
Richard Holleman
Vincent Hung
James D. Isaak
Petr Janecek
Margaret Jedlicka
Andrew Josey
Yong Kim
C. W. Klein
Thomas Koenig
Cheryl Lai
Rex Lint
Mickey Lynn
Austin J. Maher
Robert Martin
Roger Martin
Richard McLean

James Murray
John Napier
Alan Peltzman
Carolyn Price
Bill Pritchett
Bill Putnam
Larry Schwartz
Philip Simons
Terrill J. Slocum
Nick Stoughton
Robert Swartz
Keith Thurston
John Tyler
Roger Tyler
Richard Vasquez
Michael Wheatley
Laurence Wolfe
Dave Wong
Gary Young