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Information technology — Program constructs and conventions for their representation

Technologies de l'information — Structures de programmes et normes pour leur représentation

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) together form a system for worldwide standardization as a whole. 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 approval before their acceptance as International Standards. They are approved in accordance with procedures requiring at least 75 % approval by the national bodies voting.

International Standard ISO/IEC 8631 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

This second edition cancels and replaces the first edition (ISO 8631 : 1986), of which it constitutes a minor revision.

Annex A of this International Standard is for information only.

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Introduction

It is accepted that a limited number of distinct constructs combined in a well-defined manner is sufficient to express any process. A program is considered to be well-structured if it is built from the constructs contained in this International Standard and follows the rules of combination.

A program may be viewed at several conceptual levels. At any but the lowest level, one construct may be represented as a number of constructs at a lower level.

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