

**Infotöötlussüsteemid. Raalgraafika. Graafikasüsteemi
GKS keelesidemed. Osa 1: FORTRAN**

**Information processing systems - Computer graphics -
Graphical Kernel System (GKS) language bindings - Part
1: FORTRAN**

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English version

**Information processing systems - Computer
graphics - Graphical Kernel System (GKS) language
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Systèmes de traitement de l'information -
Infographie - Interfaces langage avec GKS -
Partie 1: FORTRAN (ISO 8651-1:1988)

Graphische Systeme der Informationsverarbeitung
- Sprachbindungen für das Graphische Kernsystem
(GKS) - Teil 1: FORTRAN (ISO 8651-1:1988)

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CEN

European Committee for Standardization
Comité Européen de Normalisation
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Central Secretariat: rue de Stassart, 36 B-1050 Brussels

FOREWORD

The Technical Board has decided to submit the

International Standard 8651-1:1988 "Information processing systems - Computer graphics - Graphical Kernel System (GKS) language bindings - Part 1: FORTRAN"

for Formal Vote. The standard was accepted.

At present the Standard exists in the English and French versions only.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 1993 and conflicting national standards shall be withdrawn at the latest by February 1993.

According to the CEN/CENELEC Common Rules, the following countries are bound to implement this standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

ENDORSEMENT NOTICE

The text of the ISO 8651-1:1988 was approved by CEN as a European Standard without any modification.

INTERNATIONAL STANDARD

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

**Information processing systems —
Computer graphics — Graphical Kernel
System (GKS) language bindings —**

**Part 1 :
FORTRAN**

*Systèmes de traitement de l'information — Infographie — Système graphique de base (GKS)
— Interface langage —*

Partie 1 : FORTRAN

Reference number
ISO 8651-1 : 1988 (E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8651-1 was prepared by Technical Committee ISO/TC 97, *Information processing systems*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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**Information processing systems —
Computer graphics — Graphical Kernel
System (GKS) language bindings —**

**Part 1 :
FORTRAN**

0 Introduction

The Graphical Kernel System (GKS), the functional description of which is given in ISO 7942, is specified in a language independent manner and needs to be embedded in language dependent layers (language bindings) for use with particular programming languages. The purpose of this part of ISO 8651 is to define a standard binding for the FORTRAN computer programming language.

1 Scope and field of application

ISO 7942 (GKS) specifies a language independent nucleus of a graphics system. For integration into a programming language, GKS is embedded in a language dependent layer obeying the particular conventions of that language. This part of ISO 8651 specifies such a language dependent layer for the FORTRAN language.

2 References

ISO 7942, *Information Processing - Computer graphics - Graphical Kernel System (GKS) functional description*.

ISO 1539, *Programming Languages - FORTRAN*.