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

Part 3 : Ada

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

Partie 3 : Ada

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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 8651-3 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.

ISO 8651 consists of the following parts, under the general title *Information processing systems — Computer graphics — Graphic Kernel System (GKS) language bindings* :

- *Part 1 : FORTRAN*
- *Part 2 : PASCAL*
- *Part 3 : Ada*

Annexes A to G are for information only.

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

Part 3 : Ada

0 Introduction

The Graphical Kernel System (GKS) (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 Ada 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 Ada language.

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2 References

ISO 7942, *Information processing systems — Computer graphics — Graphical Kernel System (GKS) functional description*.

ISO 8652, *Programming Languages — Ada*.

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