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COMMON BASE LANGUAGE

by
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PREFACE TO THE 1968 EDITION

SIMULA 67 is a general purpose programming language developed by the authors at the Norwegian Computing Center. Compilers for this language are now implemented on a number of different computers.

The Norwegian Computing Center regards the SIMULA 67 language as its own property. The implementations have taken place under contracts with the NCC for professional assistance.

A main characteristic of SIMULA is that it is easily structured towards specialized problem areas, and hence can be used as a basis for Special Application Languages.

This report is a reference document for the SIMULA 67 Common Base. The Common Base comprises the language features required in every SIMULA 67 compiler. The "Introduction" highlights some features of the language. The following sections are intended as a precise language definition. Users manuals and textbooks will appear later.

During our development of SIMULA 67 we have benefited from ideas and suggestions from a number of colleagues. First of all we should like to mention C.A.R. Hoare whose ideas on referencing have been used and extended, S. Kubosch who has been an important source of useful comments and criticism and Mrs. I. Siguenza whose help in the typing of this report has been indispensable.

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Oslo, May 1968

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PREFACE TO THE 1970 EDITION

This revised version contains the modifications and clarifications passed by the SIMULA Standards Group at their meeting in May 1970. Several minor errors have also been corrected.

Compilers are now available on a wide range of computers, including CD 3300, CD 3600, CD 6600, UNIVAC 1108 and IBM 360/370.

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Oslo, October 1970

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