

# Object-Oriented Programming in the BETA Programming Language

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In the beginning there was Simula - designed by Kristen Nygaard and Ole-Johan Dahl at the Norwegian Computing Center in the 1960s, the first language to introduce the techniques now known as Object-Oriented Programming (OOP). Spreading from the use of Simula in an expanding range of applications, OOP has achieved great importance with the commercial success of languages like Java, C++, Smalltalk, and Eiffel. Now, from the birthplace of OOP, comes the BETA programming language, for which this book is the definitive guide.

#### Highlights of the book include:

- Complete tutorial coverage of BETA, providing an easy learning curve from simple concepts to more advanced topics including concurrency and large system development
- A clear introduction to the concepts and techniques of OOP

Programmers who wish to keep up-to-date with new developments in object-oriented technology and students taking OOP courses using BETA will benefit from this clear account of OOP techniques and applications.

#### About the authors:

Ole Lehrmann Madsen is a Professor of Computer Science at Aarhus University in Denmark, director of the Alexandra Institute A/S, and cofounder of Mjølner Informatics, distributors of the BETA software. Birger Møller-Pedersen is a principal researcher at Ericsson Research, Applied Research Center, Oslo, and Associate Professor of Informatics at the University of Oslo, and has been active in the development of BETA. Kristen Nygaard, Professor of Informatics at the University of Oslo in Norway, was the designer of Simula and co-developer of BETA, and is widely regarded as the father of object-oriented programming.

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