Oberon is both a programming language and an operating system. The Oberon language, designed by Niklaus Wirth as a successor to Pascal and Modula-2, supports an object-oriented style of programming.

The Oberon system, developed in cooperation with Jürg Gutknecht, illustrates how the Oberon language supports programming in-the-large.

Oberon System 3 is a substantial evolution of the Oberon system towards an environment of reusable and compos-able end-user objects. It distinguishes itself by an integrated component framework called Gadgets system, for the construction of persistent objects and graphical user interfaces.

The Oberon Companion

Using this guide, the novice need not learn much about the Gadgets system to be able to develop useful applications with appealing graphical user interfaces. A large collection of components is supplied with the system for this purpose. For the construction of new gadgets, the programmer's guide contains the essential information required with several detailed examples.

As a minimum prerequisite, the reader should have read the Oberon report included in the distributed material.

Oberon System 3 can be installed on various platforms, either on top of the operating system of the host machine (Linux for Intel-based PC, MacOS for Macintosh or Windows) or, in the case of Intel-based PCs, as native system. The complete material for all these platforms is available on the CD-ROM included in the book. With the exception of some of the kernel modules, the commented source code is also included.

A Guide to Using
and Programming
Oberon System 3

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