

## MANUEL : NEXTSTEP OPERATING SYSTEM SOFTWARE

FICHE N° 9162

Période de fabrication : 1975-1999  
Fabricant : fabricant non renseigné  
Domaines : Informatique et Communication  
Sous-domaines : Ordinateurs  
Organisme : ACONIT  
Ville : à préciser  
Modèle :  
Matériaux : Carton, Papier

### Description

Titre traduit : Logiciel système d'exploitation NeXTSTEP

Ce document de 294 pages est le manuel officiel de la société NeXT Inc. qui décrit le système d'exploitation des machines NEXT. Il en décrit le concept, puis la manière de programmer, et enfin la panoplie des fonctions utiles qu'offrent à l'utilisateur ce système sophistiqué.

### Utilisation

La couverture de ce manuel annonce : "NeXTSTEP is the revolutionary object-oriented operating environment that dramatically simplifies the development and delivery of state-of-the-art custom and commercial applications."

(traduction) : « NeXTSTEP est l'environnement opérationnel révolutionnaire, orienté objet, qui simplifie remarquablement le développement et la publication d'applications à la pointe du progrès, spécifiques ou commerciales. »

PRÉSERVER  
SAUVEGARDER  
VALORISER



# NeXTSTEP OPERATING SYSTEM SOFTWARE

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*NeXTSTEP is the revolutionary  
object-oriented operating environment  
that dramatically simplifies the  
development and delivery  
of state-of-the art custom and  
commercial applications.*

**NeXTSTEP OPERATING SYSTEM SOFTWARE:  
RELEASE 3**

The Mach operating system is the foundation of the NeXTSTEP programming environment. Mach is fully compatible with UNIX 4.3BSD (Berkeley Software Distribution), but is better at handling advanced networking and multiple processor computer systems. NeXT has enhanced Mach to support loadable kernel servers—software modules such as device drivers that can be loaded into the kernel when needed.

NeXTSTEP Operating System Software describes NeXT's version of Mach and documents the C functions that give developers access to operating system services. These services include:

- Multithreading, which lets an application do work while remaining responsive to the user
- Interprocess and interapplication communication using Mach messages
- Thread and task scheduling
- Virtual memory management
- Support for loadable kernel servers

The NeXTSTEP Developer's Library is essential reading for every NeXTSTEP enthusiast, providing authoritative, in-depth descriptions of the NeXTSTEP programming environment. Other titles in the NeXTSTEP Developer's Library include:

- NeXTSTEP General Reference: Release 3, Volumes 1 and 2
- NeXTSTEP Development Tools and Techniques: Release 3
- NeXTSTEP User Interface Guidelines: Release 3
- NeXTSTEP Object-Oriented Programming and the Objective C Language: Release 3
- NeXTSTEP Programming Interface Summary: Release 3
- NeXTSTEP Network and System Administration: Release 3

NeXT Computer, Inc., is a state-of-the-art computer manufacturer and software developer located in Redwood City, California.



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# *Contents*

## **Introduction**

## **Part 1: The Mach Operating System**

### **1-1 Chapter 1: Mach Concepts**

- 1-2 Design Philosophy
- 1-4 The Mach Kernel
- 1-26 Mach C-Thread Functions
- 1-32 Mach Exception Handling

### **2-1 Chapter 2: Using Mach Messages**

- 2-2 Message Structure
- 2-4 Creating Messages by Hand
- 2-8 Mach Interface Generator

### **3-1 Chapter 3: Using Loadable Kernel Servers**

- 3-2 How Loadable Kernel Servers Work
- 3-3 Overview of Kernel-Server Loader Functions
- 3-4 Functions for Asynchronous Messages

### **4-1 Chapter 4: Mach Functions**

- 4-2 C-Thread Functions
- 4-22 Mach Kernel Functions
- 4-115 Bootstrap Server Functions
- 4-126 Network Name Server Functions
- 4-129 Kernel-Server Loader Functions

## **Part 2: Writing Loadable Kernel Servers**

### **5-1 Chapter 5: Overview of Loadable Kernel Servers**

- 5-1 Advantages and Disadvantages of Loadable Kernel Servers
- 5-2 Supported Types of Loadable Kernel Servers
- 5-3 How Loadable Kernel Servers Work
- 5-5 Before You Start

### **6-1 Chapter 6: Designing Loadable Kernel Servers**

- 6-1 Choosing an Interface for Your Server
- 6-2 Tips for Writing Server Code
- 6-4 Building In Debugging Code
- 6-6 Kernel-Server Loader Requirements
- 6-7 Considerations for Message-Based Servers
- 6-13 Considerations for UNIX-Based Servers

### **7-1 Chapter 7: NeXTbus Device Drivers**

- 7-2 NeXTbus Address Space
- 7-4 Writing Code to Control the Hardware
- 7-8 NeXTbus Board Registers

### **8-1 Chapter 8: Network Modules**

- 8-2 Overview
- 8-3 Network Objects
- 8-4 Functions Implemented in the Network Module
- 8-12 Notes for Specific Interfaces

### **9-1 Chapter 9: Building, Loading, and Debugging Loadable Kernel Servers**

- 9-1 Building a Loadable Kernel Server
- 9-3 Loading a Server into the Kernel
- 9-4 Tools for Debugging Servers
- 9-7 Debugging Servers with GDB

### **10-1 Chapter 10: Kernel Support Functions**

- 10-2 General Functions
- 10-54 Network Functions

|            |                                                          |
|------------|----------------------------------------------------------|
| <b>A-1</b> | <b>Appendix A: Utilities for Loadable Kernel Servers</b> |
| A-2        | Kernel-Server Loader ( <b>kern_loader</b> )              |
| A-4        | Kernel-Server Linker ( <b>kl_ld</b> )                    |
| A-8        | Kernel-Server Utility ( <b>kl_util</b> )                 |
| A-10       | Kernel-Server Log Command ( <b>kl_log</b> )              |
| <b>B-1</b> | <b>Appendix B: The ROM Monitor and NMI Mini-Monitor</b>  |
| B-1        | ROM Monitor Commands                                     |
| B-6        | NMI Mini-Monitor Commands                                |
| <b>C-1</b> | <b>Appendix C: Summary of Kernel Support Functions</b>   |
| C-1        | General Functions                                        |
| C-6        | Network Functions                                        |

#### **Suggested Reading**

#### **Glossary**

#### **Index**

#### **Pour nous citer :**

Base de la Mission nationale de sauvegarde et de valorisation du patrimoine scientifique et technique contemporain, PATSTEC, Manuel : NeXTSTEP Operating System Software (fabricant non renseigné), <https://www.patstec.fr/ressources/objets/detail?id=27374>, consulté le 2026-07-26