

<<Microsoft Windows 20>>

图书基本信息

书名：<<Microsoft Windows 2000 技术内幕（第3版）（影印版）>>

13位ISBN编号：9787900632708

10位ISBN编号：7900632700

出版时间：2001-04-01

出版时间：北京大学出版社

作者：（美）David A.solomon Mark E.Russinovich

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<Microsoft Windows 20>>

内容概要

本书是最新的有关Microsoft Windows 2000 体系结构和核心技术的指导手册，通过对本书的学习，您将了解微软最重要操作系统的深层次运作方式。

本书在写作过程中，充分了解了Windows 2000源代码，并得到了产品开发小组的大力支持，从而为读者提供了Windows 2000详细的技术资料。

书中详述了最新的有关Microsoft Windows 2000的概念和术语、核心内容、源代码特性及系统组成部分和工具说明，向您展示了Microsoft Windows 2000深层次的技术。

简言之，本书包含了开发人员调试代码和进行最佳设计决策所需的详细技术内容，是系统管理员了解系统性能并进行故障排除的一本极有价值的参考书。

<<Microsoft Windows 20>>

书籍目录

HistoricalPerspective
Foreword
Acknowledgments
Introduction
CHAPTERONE
ConceptsandTools1
FoundationConeptaandTerma
Win32API
Services,Functions,andRoutines
Processes,Threads,andJobs
VirtualMemory
KernelModevs.UserMode
ObjectsandHandles
Security
Registry
Unicode
DiggingIntoWindowe2000Internals
ToolsontheCompanionCD
PerformanceTool
Windows2000SupportTools
Windows2000ResourceKits
KernelDebuggingTools
PlatformSoftwareDevelopmentKit(SDK)
DeviceDriverKit(DDK)
SystemsInternalsTools
CHAPTERTWO
SystemArchitecture
RequirementsandDesignGoals
OperatingSystemModel
PortabilitySymmetrioMultiprocessing
Scalability
ArchitectureOverview
Windowe2000ProductPackaging
CheckedBuild
Multiprocessor-SpecificSystemFiles
KeySyetemComponenta
EnvironmentSubsystemsandSubsystemDLLs
Ntdll.dll
Executive
Kernel
HardwareAbstractionLayer
DeviceDrivers
PeeringintoUndocumentedInterfaces
SystemProcesses
CHAPTERHTREE

<<Microsoft Windows 20>>

SystemMechanisms
TrapDispatching
InterruptDispatching
ExceptionDispatching
SystemServiceDispatching
ObjectManager
ExecutiveObjects
ObjectStructure
Synchronization
KernelSynchronization
ExecutiveSynchronization
SystemWorkerThreads
Windows2000GlobalFlags
LocalProcedureCalls(LPCs)
CHAPTERFOUR
StartupandShutdown
BootProcesses
Preboot
TheBootSectorandNtldr
InitializingtheKernelandExecutiveSubsystems
Smss,Csrss,andWinlogon
SafeMode
DriverLoadinginSafeMode
Safe-Mode-AwareUserPrograms
BootLogginginSafeMode
RecoveryConsole
Shutdown
SystemCrashes
WhyDoesWindows2000Crash?
TheBlueScreen
CrashDumpFiles
CHAPTERFIVE
ManagementMechanisms215
TheRegistry
RegistryDataTypes
RegistryLogicalStructure
RegistryInternals
Services
ServiceApplications
ServiceAccounts
TheServiceControlManager
ServiceStartup
StartupErrors
AcceptingtheBootandLastKnown
ServiceFailures
ServiceShutdown
SharedServiceProcesses

<<Microsoft Windows 20>>

ServiceControlPrograms
WindowsManagementInstrumentation
WMIArchitecture
Providers
TheCommonInformationModelandtheManagedObject
FormatLanguage
TheWMINamespace
ClassAssociation
WMIImplementation
WMI Security
CHAPTERSIX
Processes,Threads,andJobs
ProceesInternals
DataStructures
KernelVariables
PerformanceCounter!
RelevantFunotions
RelevantTools
FlowofCteatePloeess
Stage1:OpeningtheImagetoBeExecuted
Stage2:CreatingtheWindows2000ExecutiveProcessObject
Stage3:CreatingtheInitialThreadandItsStackandContext
Stage4:NotifyingtheWin32SubsystemAboutthe
NewProcess
Stage5:StartingExecutionoftheInitialThread
Stage6:PerformingProcessInitializationinthe
ContextoftheNewProcess
ThreadInternals
DataStructures
KernelVariables
PerformanceCounters
RelevantFunctions
RelevantTools
FlovofCleaveThread
ThreadScheduling
OverviewofWindows2000Scheduling
PriorityLevels
Win32SchedulingAPIs
RelevantTools
Real-TimePriorities
InterruptLevelsvs.PriorityLevels
ThreadStates
Quantum
SchedulingDataStructures
SchedulingScenarios
ContextSwitching
IdleThread

<<Microsoft Windows 20>>

PriorityBoosts

JobOblects

CHAPIERSEVEH

MemoryManagementa7a

MemoryManagerComponents

ConfiguringtheMemoryManager

ExaminingMemoryUsage

Serviceshel

<<Microsoft Windows 20>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>