

# NT Kernel Design Workbook

## NT OS/2 Design Workbook: Core OS

File	Title	Author(s)
dwintr	NT OS/2 Design Workbook Introduction	Lou Perazzoli
ke	NT OS/2 Kernel Specification	David N. Cutler, Bryan M. Willman
alerts	NT OS/2 Alerts Design Note	David N. Cutler
apc	NT OS/2 APC Design Note	David N. Cutler
ob	NT OS/2 Object Management Specification	Steven R. Wood
proc	NT OS/2 Process Structure	Mark Lucovsky
suspend	NT OS/2 Suspend/Resume Design Note	David N. Cutler
attproc	NT OS/2 Attach Process Design Note	David N. Cutler
vm	NT OS/2 Virtual Memory Specification	Lou Perazzoli
vmdesign	NT OS/2 Memory Management Design Note	Lou Perazzoli
io	NT OS/2 I/O System Specification	Darryl E. Havens
irp	NT OS/2 IRP Language Definition	Gary D. Kimura
namepipe	NT OS/2 Named Pipe Specification	David Cutler & Gary Kimura
mailslot	NT OS/2 Mailslot Specification	Manny Weiser
rsm	Windows NT Session Management and Control	Mark Lucovsky
fsdesign	NT OS/2 File System Design Note	Gary D. Kimura
fsrtl	NT OS/2 File System Support Routines Specification	Gary D. Kimura

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sem	NT OS/2 Event – Semaphore Specification	Lou Perazzoli
argument	NT OS/2 Argument Validation Specification	David N. Cutler
timer	NT OS/2 Timer Specification	David N. Cutler
coding	NT OS/2 Coding Conventions	Mark Lucovsky, Helen Custer
ulibcode	NT Utilities Coding Conventions	David J. Gilman
exceptn	NT OS/2 Exception Handling Specification	David N. Cutler
os2	OS/2 Emulation Subsystem Specification	Steven R. Wood
status	NT OS/2 Status Code Specification	Darryl E. Havens
ntdesrtl	NT OS/2 Subsystem Design Rational	Mark H. Lucovsky
resource	NT OS/2 Shared Resource Specification	Gary D. Kimura
execsupp	NT OS/2 Executive Support Routines Specification	David Treadwell
support	NT OS/2 Interlocked Support Routines Specification	David N. Cutler
dd	Windows NT Driver Model Specification	Darryl E. Havens
oplock	NT OS/2 Opportunistic Locking Design Note	Darryl Havens, et al
memio	NT OS/2 Memory Management Guide for I/O	Lou Perazzoli
time	NT OS/2 Time Conversion Specification	Gary D. Kimura
mutant	NT OS/2 Mutant Specification	David N. Cutler



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prefix	NT OS/2 Prefix Table Specification	Gary D. Kimura
startup	NT OS/2 System Startup Design Note	Mark Lucovsky
dbg	NT OS/2 Debug Architecture	Mark Lucovsky
coff	NT OS/2 Linker/Librarian/Image Format Spec	Michael J. O'Leary
cache	NT OS/2 Caching Design Note	Tom Miller
ntutil	NT OS/2 Utility Design Specification	Steven D. Rowe
implan	NT OS/2 Product Description and Implementation Plan	David N. Cutler
basecont	NT OS Base Product Contents	Lou Perazzoli

# WRK Organization

arb	Plug-and-play arbiter	lpc	Local inter-process calls
cache	Cache Manager	mm	Memory Manager
config	Registry	nls	Internationalization code
dbgk	User-mode debugging	ob	Object Manager
ex	Executive functions	perf	Performance Tracing
fsrtl	File system run-time	po	Power Management
fstub	File sys boot interface	ps	Process/thread
inc	Kernel-specific includes	raw	Raw volume driver
init	Boot code	rtl	Kernel run-time library
io\iomgr	I/O manager	se	Security Ref Monitor
io\pnpmgr	Plug-and-play manager	vdm	Virtual Dos Machine
kd64	Kernel debug interface	verifier	Driver Verifier
ke	Kernel (scheduler, etc)	wmi	Windows Mgmt Interface