
Contents

Microsoft Software License Agreement.....iii

Welcome **1**

About the Windows Resource Kit.....2

Conventions in This Manual.....4

The Troubleshooting Flowcharts for Windows 3.1.....7

Part 1 Installation and Setup

Chapter

1

Windows 3.1 Installation **57**

About Windows Setup.....58

Windows Setup: A Technical Discussion.....62

Setting Up Windows for a Network.....71

Using Automated Setup: Setup /h.....75

Maintaining Windows with Setup.....82

Chapter

2

The Windows Setup Information Files **85**

About the Setup Information Files.....86

SETUP.INF: The Setup Information File.....88

APPS.INF: The Application Installation Information File.....121

CONTROL.INF: The Control Panel Information File.....126

Modifying .INF Files for Custom Installations.....128

Chapter

3

The Windows Files **135**

About the Windows Files.....136

WIN.COM.....136

The Core Files.....137

Drivers, Fonts, and International Support Files.....137

MS-DOS Support Components of Windows.....148

Windows Applications, Setup, and Other Files.....151

Files You Can Delete.....155

Chapter		
4	<i>The Windows Initialization Files</i>	157
	About the Initialization Files.....	158
	WIN.INI: The Windows Initialization File.....	163
	SYSTEM.INI: The System Initialization File.....	183
	Other Windows Initialization Files.....	219

Part 2 Configuring Windows 3.1

Chapter		
5	<i>Windows 3.1 and Memory Management</i>	227
	About Memory.....	228
	Windows Standard Mode and Memory.....	235
	Windows 386 Enhanced Mode and Memory.....	238
	Other Memory Management Issues.....	247
	SMARTDrive 4.0: A Technical Discussion.....	252
Chapter		
6	<i>Tips for Configuring Windows 3.1</i>	257
	Tips for Optimizing Performance.....	258
	Tips for Configuring the Windows Shell.....	272

Part 3 Non-Windows–Based Applications

Chapter		
7	<i>Setting Up Non-Windows Applications</i>	283
	About Applications.....	284
	Setting Up PIFs and Program Items.....	285
	Starting Non-Windows Applications with Windows.....	288
	Running Non-Windows Applications.....	290
	Tips for Running Non-Windows Applications.....	294
Chapter		
8	<i>PIFs and PIF Editor</i>	299
	About Creating PIFs.....	300
	About PIF Editor.....	300
	Modifying the Default PIF.....	305
	Creating Multiple PIFs for a Single Application.....	306

Part 4 Using Windows 3.1

Chapter		
9	Fonts	309
	About Fonts.....	310
	TrueType and Windows 3.1.....	318
	Printer Fonts and Windows 3.1.....	320
	Changing Typeface Names for Soft Fonts.....	337
Chapter		
10	Printing	339
	About Windows Printing.....	340
	Printer Ports.....	342
	Determining Print Method.....	349
	Printing with a Network Driver.....	350
Chapter		
11	Compound Documents in Windows 3.1	351
	About Object Linking and Embedding.....	352
	Windows Support for Compound Documents.....	354
	Managing the Registration Database.....	359

Part 5 Networks and Windows 3.1

Chapter		
12	Networks and Windows 3.1	367
	About Networks and Windows 3.1.....	368
	3Com Networks.....	374
	Artisoft LANtastic.....	376
	Banyan VINES.....	377
	DEC Pathworks.....	379
	IBM OS/2 LAN Server.....	383
	IBM PC LAN Program.....	383
	Invisible Software —NET/30 For Windows.....	384
	Microsoft LAN Manager Networks.....	384
	Microsoft Network and Compatibles.....	387
	Novell NetWare.....	387
	TCS 10Net.....	391

Ungermann-Bass Net/One.....392

Part 6 Troubleshooting Windows 3.1

Chapter		
13	Troubleshooting Windows 3.1	395
	About Troubleshooting.....	396
	Troubleshooting Setup.....	399
	Troubleshooting Windows Configuration.....	403
	Troubleshooting Windows Running in Standard Mode.....	418
	Troubleshooting Windows Running in 386 Enhanced Mode.....	420
	Troubleshooting for Non-Windows Applications.....	423
	Troubleshooting Fonts.....	425
	Troubleshooting Printing.....	426
	Troubleshooting Networks.....	430
	Troubleshooting GP Faults.....	431
	Troubleshooting Multimedia.....	434
Chapter		
14	The Windows Resource Kit Disk	439
	The Windows Resource Kit Utilities.....	440
	Other Windows Resource Kit Files.....	443

Part 7 References, Resources, and Appendixes

	Glossary	447
Appendix		
A	Windows Resource Directory	457
Appendix		
B	Hardware Compatibility List	487
Appendix		
C	Windows 3.1 Disks and Files	499
Appendix		
D	Articles	505
	Windows for Pens.....	506
	QEMM-386 and Windows 3.1.....	515

PC-NFS and Windows 3.1.....519
FastDisk: An Introduction to 32-Bit Disk Access.....520
Index **525**