

CONTENTS

PART I: STEPPING INTO THE WEB	1
Chapter 1 The World Isn't Flat	3
Chapter 2 Virtually Amazing	27
Chapter 3 Window to the World: WebFX and Live3D	55
Chapter 4 Other Exposures	71
PART II: LEARNING 3D MODELING	93
Chapter 5 Creating Worlds with 3D Software	95
Chapter 6 The Basics of 3D Modeling	115
Chapter 7 Using Imagine	145
Chapter 8 Basic Modeling Tools	171
Chapter 9 3D Modeling Power Tools	199
Chapter 10 Skinning and Deformations	221
Chapter 11 Coloring and Shading Objects	249
Chapter 12 Applying Surface Attributes and Textures	275
Chapter 13 Creating a Scene in Fountain	299
Chapter 14 Trading Worlds: Converting	319
PART III: PROGRAMMING WITH VRML	331
Chapter 15 Very, Very VRML	333
Chapter 16 Building Blocks: Shape Nodes	367
Chapter 17 Ganging Up: Groups	389
Chapter 18 You've Got the Look: Properties	405
Chapter 19 Let There Be Light (and Texture and Cameras)	453
Chapter 20 Jumping from World to World	493
Chapter 21 I Want More: Extending VRML	511
Chapter 22 VRML Made-to-Order	521
PART IV: THE NITTY-GRITTY	533
Chapter 23 Delivering Reality: Server VRML	535
Chapter 24 The World's Gears: Client VRML	549
Chapter 25 Making It Really Real: VRML 2.0	555

WEB PUBLISHER'S CONSTRUCTION KIT WITH VRML/LIVE3D

Appendix A	Software and Sources	577
Appendix B	The VRML 1.1 Specification	583
Appendix C	3D Modeling Software and Windows 95	643
Index	659	