

Contents

Acknowledgments	ix
Preface	xi
1 Getting Your Priorities Straight	1
Prioritizing the Customer	2
Development Finances	10
What Is SFAS Number 86?	10
The Major Development Delivery Phases	11
When to Capitalize	13
Cost of Goods Sold	15
Determining Technical Feasibility	16
Financing Deferred Expense	17
Maintenance And Update Revisions	17
Other Factors Affecting Development Budgets	18
Prioritizing Projects	22
Building a Technical Strategy	26
Handling Hard Times	34
In Summary	37
2 Attracting and Keeping Developers	39
Rewards versus Incentives	40
Questions and Answers	46
Using Want-Ads Effectively	47
Dealing with Recruiters	55
Career Planning	57
Employee Surveys	61
In Summary	64

3	Becoming a Development Leader	67
	Recognizing Leadership Traits	68
	Desire for Visibility	69
	Ability to Make Correct Decisions	69
	You're Well Liked	69
	You Have a Strong Technology Background	70
	Adopting a Leadership "Style"	76
	Working with Other Executives	83
	Verifying your Leadership Effectiveness	86
	In Summary	91
4	The Development Team	93
	Who Makes Up a Development Team?	94
	Software Engineering	95
	Software Quality Assurance	96
	Technical Publications	97
	Team Basics	102
	Interesting Team Dynamics	108
	In Summary	115
5	Schedules	117
	Simple Schedule Milestone Definitions	118
	Roles and Responsibilities	124
	Determining when a Milestone Has Been Met	128
	Who Communicates Schedules?	131
	In Summary	134
6	Office Dynamics	137
	Creating an Effective Work Environment	138
	Offices Versus Cubicles	142
	Working at Home	146
	In Summary	150
7	Listening to Marketing	151
	Importance of Staying Close to Customers	152

Cooperating and Listening to Marketing	157
Bypassing Development Management	167
Did We Forget Customer Support?	171
In Summary	174

8 Guiding Your Technology Future **175**

The Industry: 1970s and 1980s	176
The Industry: 1990s and Beyond	177
Developing a Vision	178
Fast to Market	181
Keeping the Customer Happy	185
Demonstration Software	185
Copy Protection and Site Licensing	187
How Often Should You Upgrade Your Product?	189
Keeping Up with State-of-the-Art Technology	189
Software Engineering—Portability	189
Your Language of Choice	190
Documenting Software Modules	192
Building Products that Are Field Customizable	192
Building Global Products	194
Application Frameworks	195
Client/Surfer	196
Documentation	197
Choosing the Right Tools	199
Going On-line	201
What Level of Documentation Is Really Necessary?	202
Quality Assurance	203
Automated Testing Basics	203
Beta Testers	204
Customer Support	205
Relationship with Documentation	205
Relationship to the Whole Development Process	206
Relationship with the Development Team	206
Getting Training	207
In Summary	207

A Maniac's Glossary **209**

Index **213**