Contents

Foreword	.xiii
About the Author	
About the Technical Reviewer	xvii
About the Artist	xviii
Acknowledgments	xix
Preface	xx
•	
Charter 4 Adapting to Vary Landardia Dala	_
Chapter 1 Adapting to Your Leadership Role	1
Do Real Leaders Wear Black?	2
How Important Is Being Cool?	
Be More Than Cool: Beware	
Leading Weird, Eccentric, Strange, and	
Regular Folks into Great Work	5
Recognizing Programmer Breeds	
Working with the Breeds	
Glory, Honor, and Greenbacks	
Motivating with Money	
The Thunking Layer	
How Are You Adapting?	
What Lies Ahead	
WHAT LIES AHEAD	20
Chapter 2 Managing the Leader	21
A Look in the Mirror	21
Heaven, Hell, Purgatory, and	
Your Place in the Software Universe	
The Nature of Work Has Changed for You	
You Must Re-evaluate Success, Passion, and Ambition	
Natural Selection and Time	
Avoid Unnecessary, Ineffective Meetings	
Don't Organize Too Little or Too Much	
Don't Expect If You Don't Inspect	
Plan Your Architecture before Choosing Your Technology	
Balance Purity with Practicality	
Delegate Tasks, Don't Do Them	
Document What You Do or Plan to Do	29

Watching Your Weaknesses 31 And the Answer Is	Measuring Your Productivity	30
And the Answer Is		
Putting It All Together		
Chapter 3 Leading the Herd 41 Managing Administration 41 Deflecting Distractions 44 Dealing with Creeps 46 Gathering Strays 51 Danger, Will Robinson! 52 Building and Maintaining Your Staff 53 Hiring Practices 56 Firing Practices 56 Promotions and Raises 56 Grooming Your Replacement 58 Enough Already! 58 More to Come 59 Chapter 4 Organizing for Success 61 Organize Information into Knowledge and Action 62 The Paper Chase 63 Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 76		
Managing Administration41Deflecting Distractions44Dealing with Creeps46Gathering Strays51Danger, Will Robinson!52Building and Maintaining Your Staff53Hiring Practices56Firing Practices56Promotions and Raises56Grooming Your Replacement58Enough Already!58More to Come55Chapter 4 Organizing for Success61Organize Information into Knowledge and Action62The Paper Chase63The Paperless Chase65Customize Your Administration76Organize to Control71Information Flow72Assignments73Architecture73Working Hours74Expectations75Attitudes76Helping Your Company Organize77Product Management78Project Definition73Process Management78Testing82Facility Management82At the End of the Day84	3	
Managing Administration41Deflecting Distractions44Dealing with Creeps46Gathering Strays51Danger, Will Robinson!52Building and Maintaining Your Staff53Hiring Practices56Firing Practices56Promotions and Raises56Grooming Your Replacement58Enough Already!58More to Come55Chapter 4 Organizing for Success61Organize Information into Knowledge and Action62The Paper Chase63The Paperless Chase65Customize Your Administration76Organize to Control71Information Flow72Assignments73Architecture73Working Hours74Expectations75Attitudes76Helping Your Company Organize77Product Management78Project Definition73Process Management78Testing82Facility Management82At the End of the Day84	Chapter 3 Leading the Herd	41
Deflecting Distractions		
Dealing with Creeps.46Gathering Strays.51Danger, Will Robinson!.52Building and Maintaining Your Staff.53Hiring Practices.53Firing Practices.56Promotions and Raises.56Grooming Your Replacement.58Enough Already!.58More to Come.59Chapter 4 Organizing for Success.61Organize Information into Knowledge and Action.62The Paper Chase.63The Paperless Chase.65Customize Your Administration.70Organize to Control.71Information Flow.72Assignments.73Architecture.73Working Hours.74Expectations.75Attitudes.76Helping Your Company Organize.77Product Management.79Process Management.79Process Management.80Testing.82Facility Management.82At the End of the Day.84		
Gathering Strays51Danger, Will Robinson!52Building and Maintaining Your Staff53Hiring Practices53Firing Practices56Promotions and Raises56Grooming Your Replacement58Enough Already!58More to Come59Chapter 4 Organizing for Success61Organize Information into Knowledge and Action62The Paper Chase63The Paperless Chase65Customize Your Administration70Organize to Control71Information Flow72Assignments73Architecture73Working Hours74Expectations75Attitudes76Helping Your Company Organize77Product Management78Project Definition79Process Management80Testing82Facility Management82At the End of the Day84		
Danger, Will Robinson!52Building and Maintaining Your Staff53Hiring Practices53Firing Practices56Promotions and Raises56Grooming Your Replacement58Enough Already!58More to Come59Chapter 4 Organizing for Success61Organize Information into Knowledge and Action62The Paper Chase63The Paperless Chase65Customize Your Administration70Organize to Control71Information Flow72Assignments73Architecture73Working Hours74Expectations76Attitudes76Helping Your Company Organize77Product Management78Project Definition79Process Management80Testing82Facility Management82At the End of the Day84		
Building and Maintaining Your Staff		
Hiring Practices		
Firing Practices		
Promotions and Raises		
Grooming Your Replacement 58 Enough Already! 58 More to Come 59 Chapter 4 Organizing for Success 61 Organize Information into Knowledge and Action 62 The Paper Chase 63 The Paperless Chase 65 Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84	=	
Enough Already!		
Chapter 4 Organizing for Success 61 Organize Information into Knowledge and Action 62 The Paper Chase 63 The Paperless Chase 65 Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Chapter 4 Organizing for Success .61 Organize Information into Knowledge and Action .62 The Paper Chase .63 The Paperless Chase .65 Customize Your Administration .70 Organize to Control .71 Information Flow .72 Assignments .73 Architecture .73 Working Hours .74 Expectations .75 Attitudes .76 Helping Your Company Organize .77 Product Management .78 Project Definition .79 Process Management .80 Testing .82 Facility Management .82 At the End of the Day .84		
Organize Information into Knowledge and Action 62 The Paper Chase 63 The Paperless Chase 65 Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84	riore to come	38
Organize Information into Knowledge and Action 62 The Paper Chase 63 The Paperless Chase 65 Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
The Paper Chase 63 The Paperless Chase 65 Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84	Chapter 4 Organizing for Success	61
The Paper Chase 63 The Paperless Chase 65 Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84	Organiza Information into Knowledge and Action	CC
The Paperless Chase 65 Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Customize Your Administration 70 Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84	*	
Organize to Control 71 Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84	•	
Information Flow 72 Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Assignments 73 Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Architecture 73 Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Working Hours 74 Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Expectations 75 Attitudes 76 Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Attitudes	=	
Helping Your Company Organize 77 Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84	•	
Product Management 78 Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Project Definition 79 Process Management 80 Testing 82 Facility Management 82 At the End of the Day 84		
Process Management	6	
Testing		
Facility Management	9	
At the End of the Day84		
	•	

Chapter 5 Managing Meetings	87
The Weekly Staff Meeting Leading a Design Meeting The One-on-One Meeting Meetings with Other Groups Project Retrospective Meetings	90 95 97
Conference Calls	
In Between Meetings	100
Meeting for Consensus and Action	
Our Next Meeting	102
Chapter 6 Philosophy and Practice of Technical Leadership	103
Seize and Hold Your Technical Role	
Construct or Plant?	105
The Primacy of Architecture	106
Design Forces in Architectural Planning	
Analysis Viewpoints: Managing the Forces	
A Fresh Look at Design	
Design Step 0	
Design Step 1, 2, 3, 2, 1, 4	
The Code Police	
Enforce the Laws	
Common Violations	
Go to Jail, Go Directly to Jail, Do Not Pass Go	
Philosophy in Action	
A Case Study of Philosophy in Action: Leonardo da Vinci	
A Dose of Reality	
A Bird's-Eye View	
Leading to Excellence	127
Chapter 7 Leadership in Eclipse	129
The Face of Darkness	129
Antipatterns in Management	130
The Shadow of Micromanagement	132
Advice for the Micromanager	136
Dimming the Light: Unfocused Managers	137
The Blinding Light of Misapplied Genius	
Dark Empire Builders	142

Flirting with Darkness	144
You've Reached Your Limit	
You're over Your Head	145
Criticism Pushes You to Rage	
Surviving and Emerging from an Eclipse	
Avoiding Eclipses	
Moving On	
Chapter 8 Leadership Redux	151
	1.5
Foundations of Leadership	
Understanding	
Communicating	
Delegating	
Monitoring	
Participating	159
Building Upon the Foundation	
Mentoring	
Rewarding	
Correcting	
Envisioning	
Adapting	
Will They Follow?	167
Force	167
Duty	168
Admiration	168
Reward	169
Knowledge	170
Generational Dimensions to Leadership	170
Marrying Style to Substance As a Leader	172
Andy Grove: Aggressive and Paranoid	173
Bill Gates: Driven and Calculating	174
You: (Fill In the Blank)	174
Summing Up	
Practice Makes Leadership Real	
Build on the Cornerstones	
A Look Ahead	

Chapter 9 Working with Your Boss	179	
Understanding the World of Your Boss	179	
Honesty and Deadlines or Slips, Lies, and Videotape?		
Helping Your Boss Plan for Success		
Knowing Your Limits		
Expecting the Unexpected		
Overcoming Organizational Inertia		
Point Out Industry Trends		
Experiment with New Methods and Techniques		
Be Sensitive to Timing		
Recognize the Customer Is First		
Summary of Guidelines		
The End Is Near		
Chapter 10 Words without a Song	193	
The Distributed Workforce	194	
The Challenge	194	
A Solution	195	
Multicultural Factors in Management	198	
Language and Culture	198	
Motivating and Controlling the Team	199	
Evaluating Software Development Methodologies	201	
Software Engineering	202	
Microsoft Solutions Framework (MSF)		
Extreme Programming (XP)	205	
Agile Development	207	
Craftsmanship: The Heart of Any Successful Method	209	
Revolutions in Technology		
Economic Woes	212	
Alone at the Top	213	
Devoting Time to Research	213	
Turning Administration into an Engineering Discipline		
Making Strategic Planning a Science	214	
Learning to Increase the Value of Your Relationships		
Finale	216	

Afterword:	Into the Fray	217
The Rudder		217
The Sail		218
Appendix A	Caring for Your Pet: The Administrative Directo	or Software221
Appendix B	Poking Your Pet in the Eye Code Review of the Administrative Director	
	rigin of the Software	
	the Game	
	Appropriate Standards?	
	Cohesion and Coupling?	
	ths and Weaknesses	
Summary		233
Bibliography	y: Resources for Cat Herder	'S 235
Software Devel	lopment	235
The Classics		235
Cream of the	Crop	236
Noteworthy		237
Helpful		240
General Manage	ement and Leadership	241
	uage-Specific Works	
Miscellaneous	Works	242
Index		243