Roundtable on Technical Leadership

"The advice in the book is some of the best that I have ever read. There is none of the egotistical posturing that pervades so many of the online forums, the contributors are genuinely humble and realistic. I found them refreshing, entertaining and likeable.

"... When designing software, we all step in it from time to time, and if you read this book you can reduce the frequency of that happening to you."

-Charles Ashbacher, posted on Amazon.com

"Through personal experience, the contributors point out how ... clever shortcuts can have detrimental effects down the line. You will find yourself saying 'ouch' as you recognize yourself in some of the discussion....

"... Not all of the contributors agree with each other and the difference of opinion can be enlightening....

"... This is an interesting and informative read for programmers, analysts and managers . . . provides valuable insights for all."

-Diane Brockman, Brockman Moreau Consulting

About the Editors



For more than 40 years, Gerald M. Weinberg has worked on transforming software organizations. The author, coauthor, or editor of numerous books addressing all phases of the software life cycle, he hosts the SHAPE forum on his Website, www.geraldmweinberg.com.

Marie Benesh is principal

of Benesh & Associates, an IT management consulting firm. She focuses much of her consulting on the development of IT leadership skills. Her clientele include major universities and Fortune 500 corporations. Visit www.mabenesh.com.



ames Bullock has built systems, from lab automation and high-volume embedded controls to enterprise data warehousing and ERP deployments, for more than 18 years. He treasures the contact he maintains with folks from previous projectspeople who not only built something good, but enjoyed doing it.

Partial Contents

Tricks That Ignore Those Who Come After

Failing to Clean Up Temporary Code • Creating Cryptic or Cute Variable Names • Building Monolithic Code

- Tricks That Destroy Portability Inventing Your Own Programming Language • Depending on Internal Compiler Details • Ignoring Compiler Warnings
- **Stupid Design Tricks** Failing to Design Your Program Before You Code It • Failing to Consider at Least Three Design Alternatives
- **Stupid Design Document Tricks** Leaving No Design Artifacts and No Garbage • Mistaking Documents for Documentation • Mistaking Documents for the Design
- Tricks Arising from Social Inadequacy

Using Technical Tricks to Avoid Social Situations • Not Asking for Help

- Experts and Gurus as Leaders "Guru" As a Degrading Term • Be an Expert Who Can Teach Expertness
- The Leader as Learner Have Personal Experience • Be Able to Communicate Your Expertise • Remember That There Are Some Things Even a Guru Can't Do
- The Expert as Teacher Provide a Discovery Trail • Teach on a "Pay as You Go" Plan • Provide the Questions, Not the Answers
- The Courage to Teach in Any Direction

Give Your Boss Some Credit • Balance Self-Worth and Safety Don't Confuse Courageous with Dumb

The Courage to Be Yourself If It's Not a Good Fit, Don't Do It • Is It the Hair, or Is It the Arrogance? • Who You Are Is More Important Than What You Wear

Roundtable on Technical Leadership A SHAPE Forum Dialogue

edited by Gerald M. Weinberg, Marie Benesh, and James Bullock Marie Benesh, AN ŵ

ROUNDTABLE ON

TECHNICAL LEADERSHIP

A SHAPE Forum Dialog

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Software Experts Debate Leadership Qualities and the Hazards of Shortcuts and Stupid Tricks

Toined by coeditors Marie Benesh and James Bullock, consultant's consultant Gerald M. Weinberg highlights forty experts' secrets for building and sustaining a leadership role in software development.

Darticipants of the SHAPE forum, **I** many of them software consultants and managers at the world's most successful software companies, logged in to help each other identify the "stupid tricks" that developers are tempted to employ in design, code, and documentation-tricks that seem clever in the short term but have damaging longterm effects.

Topics include programming, L design, documentation, teaching, learning, educating management, being yourself, and much more.

Dresented in an easy-to-read dia-L logue format, true to the com-

ments' original appearance on the Web, this is the second stand-alone book drawn from Weinberg's SHAPE forum, following Roundtable on Project Management.

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