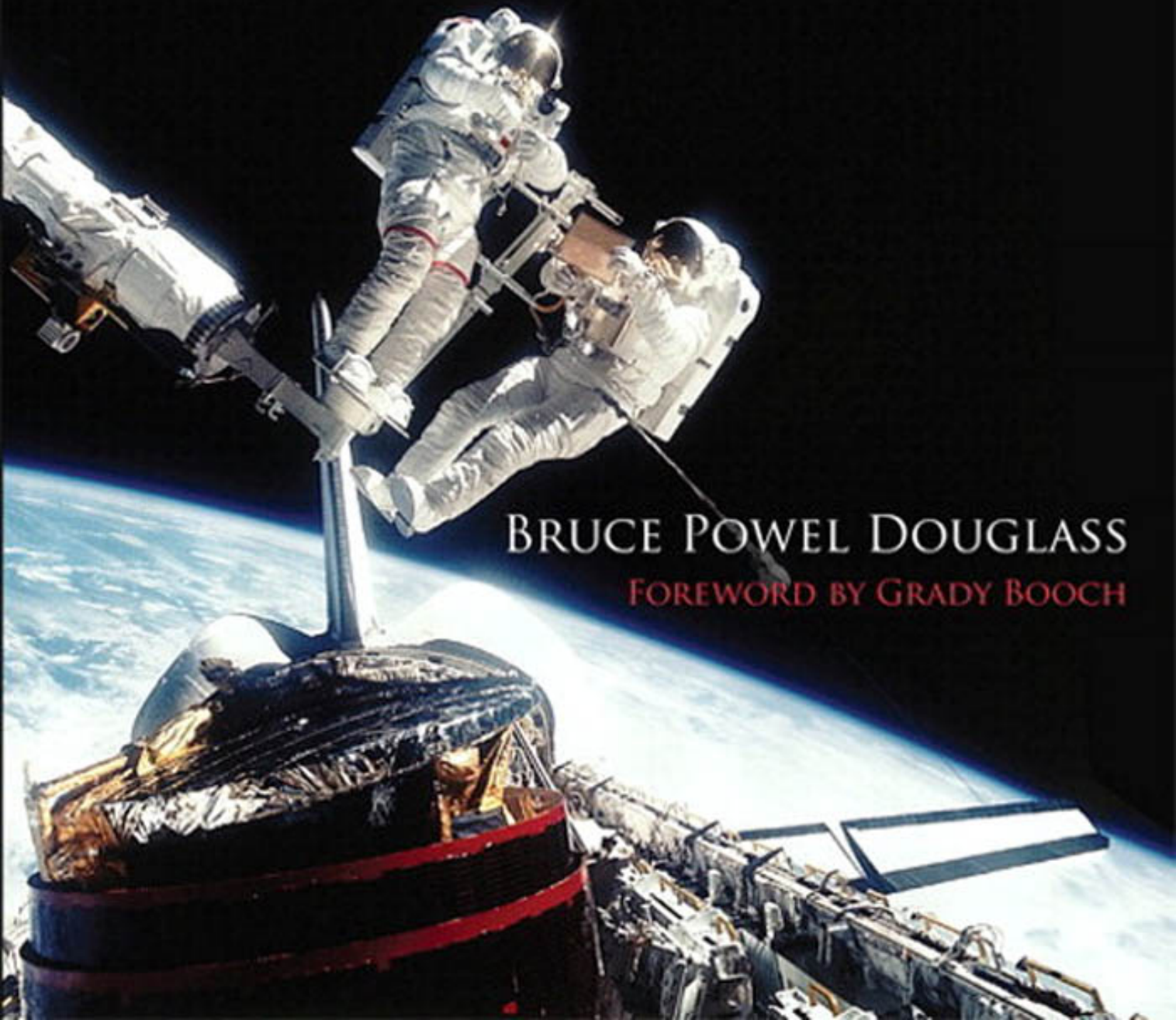
Real-Time Agility

The Harmony/ESW Method for Real-Time and Embedded Systems Development



Bruce Powel Douglass

Foreword by Grady Booch

Praise for *Real-Time Agility*

"Regardless of your perceptions of Agile, this is a must read! Douglass's book is a powerful and practical guide to a well-defined process that will enable engineers to confidently navigate the complexity, risk, and variability of real-time and embedded systems—including CMMI compliance. From requirements specification to product delivery, whatever your modeling and development environment, *this is the instruction manual.*"

—Mark Scoville, software architect

"This book will provide you with the framework of agile development for real-time projects ranging from embedded systems to web-based, data collection applications. I wish I had this book three years ago when we began a real-time, embedded drilling control system project, but all my engineers will be getting copies now that it is available. And, for my academic colleagues, this is the perfect book for graduate seminars in applied software development techniques."

—Don Shafer, chief technology officer, Athens Group;
adjunct professor, Cockrell School of Engineering,
The University of Texas at Austin

"We have used Dr. Douglass's books on real-time (*Doing Hard Time, Real-Time UML,* and *Real-Time Design Patterns*) for years. His books are always informative, accessible, and entertaining. *Real-Time Agility* continues that tradition, and I can't wait to introduce it to my colleagues."

—Chris Talbott, principal software designer

"Until now, agile software development has been mostly applied within the IT domain. This book breaks new ground by showing how to successfully traverse the perceived chasm between agility and real-time development. Although embedded systems impose challenging constraints on development teams, you can always benefit from increasing your agility."

—Scott W. Ambler, chief methodologist/Agile, IBM Rational;
author of Agile Modeling

Real-Time Agility: The Harmony/ESW Method for Real-Time and Embedded Systems Development

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Pearson

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