
Eclipse Plug-ins

Third Edition

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To our wives, Karen and Kathy,
and our children, Beth, Lauren, Lee, and David

Praise for Previous Editions

“I’m often asked, ‘What are the best books about Eclipse?’ Number one on my list, every time, is *Eclipse: Building Commercial-Quality Plug-ins*. I find it to be the clearest and most relevant book about Eclipse for the real-world software developer. Other Eclipse books focus on the internal Eclipse architecture or on repeating the Eclipse documentation, whereas this book is laser focused on the issues and concepts that matter when you’re trying to build a product.”

— Bjorn Freeman-Benson
Director, Open Source Process, Eclipse Foundation

“As the title suggests, this massive tome is intended as a guide to best practices for writing Eclipse plug-ins. I think in that respect it succeeds handily. Before you even think about distributing a plug-in you’ve written, read this book.”

— Ernest Friedman-Hill
Sheriff, JavaRanch.com

“If you’re looking for just one Eclipse plug-in development book that will be your guide, this is the one. While there are other books available on Eclipse, few dive as deep as *Eclipse: Building Commercial-Quality Plug-ins*.”

— Simon Archer

“*Eclipse: Building Commercial-Quality Plug-ins* was an invaluable training aid for all of our team members. In fact, training our team without the use of this book as a base would have been virtually impossible. It is now required reading for all our developers and helped us deliver a brand-new, very complex product on time and on budget thanks to the great job this book does of explaining the process of building plug-ins for Eclipse.”

— Bruce Gruenbaum

“This is easily one of the most useful books I own. If you are new to developing Eclipse plug-ins, it is a ‘must-have’ that will save you *lots* of time and effort. You will find lots of good advice in here, especially things that will help add a whole layer of professionalism and completeness to any plug-in. The book is very focused, well-structured, thorough, clearly written, and doesn’t contain a single page of ‘waffly page filler.’ The diagrams explaining the relationships between the different components and manifest sections are excellent and aid in understanding how everything fits together. This book goes well beyond Actions, Views, and Editors, and I think everyone will benefit from the authors’ experience. I certainly have.”

— Tony Saveski

“The authors of this seminal book have decades of proven experience with the most productive and robust software engineering technologies ever developed. Their experiences have now been well applied to the use of Eclipse for more effective Java development. A must-have for any serious software engineering professional!”


— *Ed Klimas*

“Just wanted to also let you know this is an excellent book! Thanks for putting forth the effort to create a book that is easy to read *and* technical at the same time!”

— *Brooke Hedrick*

“The key to developing great plug-ins for Eclipse is understanding where and how to extend the IDE, and that’s what this book gives you. It is a must for serious plug-in developers, especially those building commercial applications. I wouldn’t be without it.”

— *Brian Wilkerson*

The Eclipse logo features the word "eclipse" in a lowercase, sans-serif font. To the left of the text is a stylized graphic of a sun or moon with rays emanating from it, partially obscured by a dark, curved shape representing an eclipse.the eclipse series **SERIES EDITORS Erich Gamma ■ Lee Nackman ■ John Wiegand**

Eclipse is a universal tool platform, an open extensible integrated development environment (IDE) for anything and nothing in particular. Eclipse represents one of the most exciting initiatives hatched from the world of application development in a long time, and it has the considerable support of the leading companies and organizations in the technology sector. Eclipse is gaining widespread acceptance in both the commercial and academic arenas.

The Eclipse Series from Addison-Wesley is the definitive series of books dedicated to the Eclipse platform. Books in the series promise to bring you the key technical information you need to analyze Eclipse, high-quality insight into this powerful technology, and the practical advice you need to build tools to support this evolutionary Open Source platform. Leading experts Erich Gamma, Lee Nackman, and John Wiegand are the series editors.

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