


Foreword by Gary McGraw

# SECURE PROGRAMMING WITH STATIC ANALYSIS

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## Praise for *Secure Programming with Static Analysis*

"We designed Java so that it could be analyzed statically. This book shows you how to apply advanced static analysis techniques to create more secure, more reliable software."

—Bill Joy
Co-founder of Sun Microsystems, co-inventor of the Java programming language

"If you want to learn how promising new code-scanning tools can improve the security of your software, then this is the book for you. The first of its kind, *Secure Programming with Static Analysis* is well written and tells you what you need to know without getting too bogged down in details. This book sets the standard."

—David Wagner
Associate Professor, University of California, Berkeley

"Brian and Jacob can write about software security from the 'been there. done that.' perspective. Read what they've written - it's chock full of good advice."

—Marcus Ranum
Inventor of the firewall, Chief Scientist, Tenable Security

"Over the past few years, we've seen several books on software security hitting the bookstores, including my own. While they've all provided their own views of good software security practices, this book fills a void that none of the others have covered. The authors have done a magnificent job at describing in detail how to do static source code analysis using all the tools and technologies available today. Kudos for arming the developer with a clear understanding of the topic as well as a wealth of practical guidance on how to put that understanding into practice. It should be on the required reading list for anyone and everyone developing software today."

—Kenneth R. van Wyk
President and Principal Consultant, KRvW Associates, LLC.

"Software developers are the first and best line of defense for the security of their code. This book gives them the security development knowledge and the tools they need in order to eliminate vulnerabilities before they move into the final products that can be exploited."

—Howard A. Schmidt
Former White House Cyber Security Advisor

"Modern artifacts are built with computer assistance. You would never think to build bridges, tunnels, or airplanes without the most sophisticated, state of the art tools. And yet, for some reason, many programmers develop their software without the aid of the best static analysis tools. This is the primary reason that so many software systems are

# Secure Programming with Static Analysis

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