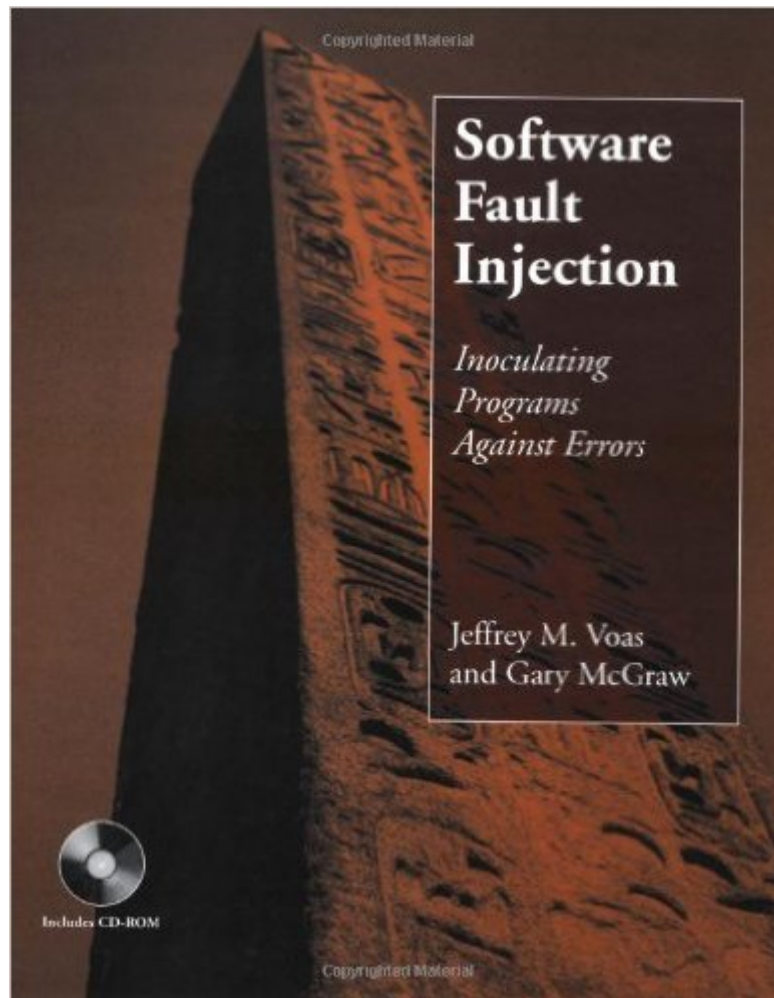


The book was found

# Software Fault Injection



## Synopsis

This book is the first to describe the unique benefits and challenges associated with fault injection methods. Using real world case-studies and applications data, the authors explain fault injection to the programmer and the developer. CD-ROM includes demo versions of fault injection tools and some basic algorithms for the reader to customize.

## Book Information

Hardcover: 353 pages

Publisher: Wiley (February 11, 1998)

Language: English

ISBN-10: 0471183814

ISBN-13: 978-0471183815

Product Dimensions: 7.7 x 1 x 9.6 inches

Shipping Weight: 2 pounds

Average Customer Review: 3.5 out of 5 stars [See all reviews](#) (2 customer reviews)

Best Sellers Rank: #2,097,453 in Books (See Top 100 in Books) #48 in [Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Quality Control](#) #2552 in [Books > Textbooks > Computer Science > Software Design & Engineering](#) #5562 in [Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Software Development](#)

## Customer Reviews

Voas and McGraw make the case that, to produce reliable software, validation (usually applied as dynamic - or run-time -- testing), is more effective than process. That alone is nothing new -- many software development organizations invest much more in testing than in process improvement. But Software Fault Injection goes further: instead of more and more testing which always seems to miss the failures that the end user seems to find so easily, create those failures. Even (temporarily) create the defects that will cause those failures to happen. Sound strange? It is, but no stranger than what this book explains how to do -- as in the subtitle -- Inoculating Programs Against Errors. The idea is to produce modified, selectively defective copies of the software under test and see how the rest of the system handles the failures that now happen "in the lab" rather than in the field. It works with medical research and produces vaccines. If you're tired of the cycle of code, test, launch, surprise crash in the field, consider whether software failure injection might help.--Full disclosure: I only had time to read the first 10% of the book before I had to move on to other topics. But if and

when I come back to software reliability improvement, this is a book I'll pick up again.

Expected a little bit more from this book, overall a little bit disappointed since I did not learn anything new from it.

[Download to continue reading...](#)

Software Fault Injection Software Fault Tolerance Techniques and Implementation (Artech House Computing Library) Software Engineering Classics: Software Project Survival Guide/ Debugging the Development Process/ Dynamics of Software Development (Programming/General) Surreptitious Software: Obfuscation, Watermarking, and Tamperproofing for Software Protection: Obfuscation, Watermarking, and Tamperproofing for Software Protection Dependency Injection in .NET Nitrous Oxide Injection Guide Advanced Pulverized Coal Injection Technology and Blast Furnace Operation Foot and Ankle Injection Techniques: A Practical Guide, 1e Comprehensive Atlas Of Ultrasound-Guided Pain Management Injection Techniques Stop-Motion Puppet Sculpting: A Manual of Foam Injection, Build-Up, and Finishing Techniques Injection Volume 2 The Baby Boom: How It Got That Way, and It Wasn't My Fault, and I'll Never Do It Again UNIX Fault Management: A Guide for System Administrators Reliability of Computer Systems and Networks: Fault Tolerance, Analysis, and Design Dependable Computing for Critical Applications 5 (Dependable Computing and Fault-Tolerant Systems) Designing for Scalability with Erlang/OTP: Implement Robust, Fault-Tolerant Systems The Economics and Politics of Choice No-Fault Insurance (Huebner International Series on Risk, Insurance and Economic Security) Toddlers Are A\*\*holes: It's Not Your Fault Your Kid's a Brat and It's All Your Fault: Nip the Attitude in the Bud--from Toddler to Tween Fault Lines: How Hidden Fractures Still Threaten the World Economy

[Dmca](#)