**Synopsis**

The book will review in a point/counter-point fashion all correct programming methodologies. It will show what's right or wrong with these and show where each can be most effectively used.

**Book Information**

Paperback: 244 pages  
Publisher: Prentice Hall; 1 edition (May 19, 1990)  
Language: English  
ISBN-10: 013590126X  
Product Dimensions: 0.8 x 8.3 inches  
Shipping Weight: 11.2 ounces (View shipping rates and policies)  
Average Customer Review: 4.1 out of 5 stars See all reviews (10 customer reviews)  

**Customer Reviews**

"Wicked Problems, Righteous Solutions" was published 20 years from the point of this review. Within these 20 years, the book is dated yet also still amazingly up-to-date. Most of its up-to-date information has been summarized in the numerous books about agile and iterative development, yet most of them refer back to this book for more background information. I guess the essence of the book is that waterfall is a bad idea, there are good reasons for why it is a bad idea and there are alternative (ideas) that are worth considering that prevent that idea. The first two and the last (9) chapters cover the old discussion about is software development a science, is it engineering, or is it an art? What does being a professional mean in software development. It is amusing how relevant these questions still are in 2011, though the definition of what a craftsman is and does has definitively evolved over the many years. Chapter 3 and 4 (nearly half of the book) discuss the waterfall method, its history, the variants and also the many reasons why it doesn't and cannot work. One of the main reasons, the authors argue, is that software development is a "wicked problem" which is defined as "you know what system to build only after you build it." In other words, the world changes and both the developers and customers/users of the system constantly learn and therefore you cannot define the whole solution in the beginning but need to actually build something
in order to gradually learn. Of course, much of these ideas have been taken years later in the agile
development space and new ways of working were created to deal with that (of which there are
some origins in this book). Chapter 5-8 discuss different alternatives to waterfall development.

Download to continue reading...

Wicked Problems, Righteous Solutions: A Catologue of Modern Engineering Paradigms My Child
Won't Sleep Through the Night: 5 No-Cry Solutions to Solve Your Child's Sleep Issues (Baby Sleep
Solutions, Toddler Sleep Problems, Child Sleep Solutions, No-Cry Sleep Solution) Design
Paradigms: Case Histories of Error and Judgment in Engineering Paradigms for a Metaphorology
(Signale: Modern German Letters, Cultures, and Thought) My Wicked Wicked Ways: Poems
(Vintage Contemporaries) My Wicked Wicked Ways (Vintage Contemporaries) Wicked Ride (The
Wicked Horse Series Book 4) Wicked Bond: The Wicked Horse Series Wicked Gods Unleashed:
Sinfully Sexy... Deliciously Divine... Wonderfully Wicked... Merry Witchmas: A Wicked Witches of
the Midwest Short (Wicked Witches of the Midwest Shorts Book 10) Every Witch Way But Wicked
(Wicked Witches of the Midwest Book 2) Wicked Lust (The Wicked Horse Series Book 2) Wicked
Need (The Wicked Horse Series Book 3) Distributed Systems: Principles and Paradigms (2nd
Edition) Distributed Systems: Principles and Paradigms Shifting Paradigms in Multiple Myeloma:
Future Insights to Practice: An accredited e-Monograph Windows 10 Troubleshooting: Windows 10
Manuals, Display Problems, Sound Problems, Drivers and Software: Windows 10 Troubleshooting:
How to Fix Common Problems ... Tips and Tricks, Optimize Windows 10) Pathfinder Adventure
Card Game: Wrath of the Righteous Adventure Deck 2 - Sword of Valor Pathfinder Adventure Card
Game: Wrath of the Righteous Adventure Deck 3 - Demon's Heresy Pathfinder Adventure Card
Game: Wrath of the Righteous Adventure Deck 4 - The Midnight Isles