



# Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG)

By Capers Jones

Download now

Read Online 

**Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG)** By Capers Jones

**Proven techniques for software engineering success**

This in-depth volume examines software engineering topics that are not covered elsewhere: the question of why software engineering has developed more than 2,500 programming languages; problems with traditional definitions of software quality; and problems with common metrics, "lines of code," and "cost per defect" that violate standard economic assumptions. The book notes that a majority of "new" projects are actually replacements for legacy applications, illustrating that data mining for lost requirements should be a standard practice. Difficult social engineering issues are also covered, such as how to minimize harm from layoffs and downsizing.

*Software Engineering Best Practices* explains how to effectively plan, size, schedule, and manage software projects of all types, using solid engineering procedures. It details proven methods, from initial requirements through 20 years of maintenance. Portions of the book have been extensively reviewed by key engineers from top companies, including IBM, Microsoft, Unisys, and Sony.

- Manage Agile, hierarchical, matrix, and virtual software development teams
- Optimize software quality using JAD, OFD, TSP, static analysis, inspections, and other methods with proven success records
- Use high-speed functional metrics to assess productivity and quality levels
- Plan optimal organization, from small teams through more than 1,000 personnel

 [Download Software Engineering Best Practices: Lessons from ...pdf](#)

 [Read Online Software Engineering Best Practices: Lessons fro ...pdf](#)



# Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG)

By Capers Jones

**Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG)** By Capers Jones

## Proven techniques for software engineering success

This in-depth volume examines software engineering topics that are not covered elsewhere: the question of why software engineering has developed more than 2,500 programming languages; problems with traditional definitions of software quality; and problems with common metrics, "lines of code," and "cost per defect" that violate standard economic assumptions. The book notes that a majority of "new" projects are actually replacements for legacy applications, illustrating that data mining for lost requirements should be a standard practice. Difficult social engineering issues are also covered, such as how to minimize harm from layoffs and downsizing.

*Software Engineering Best Practices* explains how to effectively plan, size, schedule, and manage software projects of all types, using solid engineering procedures. It details proven methods, from initial requirements through 20 years of maintenance. Portions of the book have been extensively reviewed by key engineers from top companies, including IBM, Microsoft, Unisys, and Sony.

- Manage Agile, hierarchical, matrix, and virtual software development teams
- Optimize software quality using JAD, OFD, TSP, static analysis, inspections, and other methods with proven success records
- Use high-speed functional metrics to assess productivity and quality levels
- Plan optimal organization, from small teams through more than 1,000 personnel

**Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones Bibliography**

- Sales Rank: #1283565 in Books
- Published on: 2009-10-29
- Original language: English
- Number of items: 1
- Dimensions: 9.30" h x 1.61" w x 6.40" l, 2.30 pounds
- Binding: Hardcover
- 688 pages



[Download Software Engineering Best Practices: Lessons from ...pdf](#)



[Read Online Software Engineering Best Practices: Lessons fro ...pdf](#)



## Download and Read Free Online Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones

---

### Editorial Review

#### About the Author

**Capers Jones** is president and CEO of Capers Jones & Associates LLC. He was the founder and chairman of Software Productivity Research (SPR). He is the author of *Estimating Software Costs, Second Edition* and *Applied Software Measurement*. Mr. Jones was awarded a lifetime membership in the International Function Point User's Group (IFPUG), and is a Distinguished Advisor to the Consortium of IT Software Quality (CISQ).

### Users Review

#### From reader reviews:

##### **Christine Flint:**

The book Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) can give more knowledge and also the precise product information about everything you want. Exactly why must we leave the good thing like a book Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG)? A number of you have a different opinion about publication. But one aim this book can give many facts for us. It is absolutely proper. Right now, try to closer with the book. Knowledge or information that you take for that, you may give for each other; you may share all of these. Book Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) has simple shape but the truth is know: it has great and large function for you. You can seem the enormous world by open and read a reserve. So it is very wonderful.

##### **Craig Duran:**

Reading a book tends to be new life style with this era globalization. With reading through you can get a lot of information that will give you benefit in your life. With book everyone in this world can certainly share their idea. Books can also inspire a lot of people. A great deal of author can inspire their own reader with their story as well as their experience. Not only the story that share in the books. But also they write about the information about something that you need instance. How to get the good score toefl, or how to teach your kids, there are many kinds of book which exist now. The authors in this world always try to improve their expertise in writing, they also doing some investigation before they write for their book. One of them is this Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG).

##### **Mary Bradford:**

Many people spending their time period by playing outside with friends, fun activity using family or just watching TV all day long. You can have new activity to enjoy your whole day by examining a book. Ugh, ya

think reading a book can definitely hard because you have to take the book everywhere? It alright you can have the e-book, bringing everywhere you want in your Mobile phone. Like Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) which is keeping the e-book version. So , why not try out this book? Let's see.

**Anne Braden:**

You can get this Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) by go to the bookstore or Mall. Just simply viewing or reviewing it could possibly to be your solve trouble if you get difficulties to your knowledge. Kinds of this publication are various. Not only by written or printed but also can you enjoy this book by e-book. In the modern era like now, you just looking by your local mobile phone and searching what their problem. Right now, choose your own personal ways to get more information about your book. It is most important to arrange yourself to make your knowledge are still up-date. Let's try to choose right ways for you.

**Download and Read Online Software Engineering Best Practices:  
Lessons from Successful Projects in the Top Companies  
(Programming & Web Dev - OMG) By Capers Jones  
#D8IKCE9UQZB**

# **Read Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG)**

## **By Capers Jones for online ebook**

Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones books to read online.

## **Online Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones ebook PDF download**

**Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones Doc**

**Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones MobiPocket**

**Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones EPub**

**D8IKCE9UQZB: Software Engineering Best Practices: Lessons from Successful Projects in the Top Companies (Programming & Web Dev - OMG) By Capers Jones**