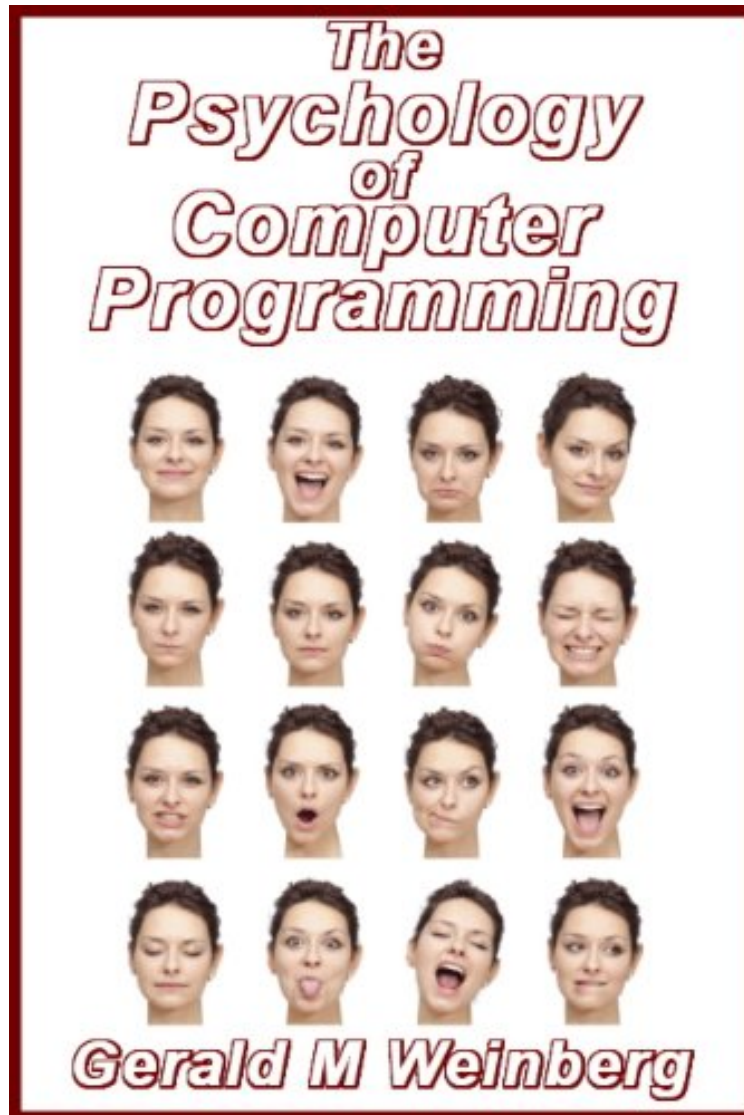


# The Psychology of Computer Programming: Silver Anniversary eBook Edition (English Edition)

Von Gerald Weinberg

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**Von Gerald Weinberg : The Psychology of Computer Programming: Silver Anniversary eBook Edition (English Edition)** before purchasing it in order to gage whether or not it would be worth my time, and all praised The Psychology of Computer Programming: Silver Anniversary eBook Edition (English Edition):

KundenrezensionenHilfreichste Kundenrezensionen3 von 3 Kunden fanden die folgende Rezension hilfreich. Ein zeitloses Werk ber ProgrammiererVon Stephan BinderIn diesem Buch werden die psychologischen Aspekte eines

Programmierers geschildert. Obwohl das Buch jetzt schon 25 Jahre alt ist, ist der Großteil noch immer aktuell. Das Buch besteht aus vier großen Blöcken. Im ersten werden Antworten auf die Fragen: Was ist ein gutes Programm? Wie kann man Programmierer wissenschaftlich untersuchen? beantwortet. Im zweiten Abschnitt geht es um die Interaktion von Programmierern untereinander. Es werden mögliche Probleme und deren Lösung besprochen. Der dritte Teil beschäftigt sich mit dem Programmierer als einzelnes Wesen. Hier wird viel allgemeines über Sozialpsychologie verwendet. Der letzte Teil beschäftigt sich mit den Tools von Programmierern, wobei dies der einzige Abschnitt ist, der für viele nicht interessant sein wird, da nur noch wenige die verwendeten Tools kennen. Nach jedem Kapitel gibt Weinberg Kommentare zu den damaligen Texten und schildert auch, was sich seiner Meinung nach geändert hat bzw. gleichgeblieben ist. Alles in allem ein empfehlenswertes Buch über die Psyche von Programmierern. 5 von 6 Kunden fanden die folgende Rezension hilfreich. A timeless way to build software Von Charles Ashbacher One of the growing movements in software development is the use of patterns. Based on the work of Christopher Alexander as described in his books, *A Pattern Language*, Oxford University Press, 1977 and *The Timeless Way of Building*, Oxford University Press, 1979, it entered the computing field with the publication of the classic book *Design Patterns* by Gamma et. al., Addison-Wesley, 1994. A design pattern is a reusable meta-design that can be applied in many different contexts. The timeless adjective can also be applied to this book by Weinberg. Originally written in 1971, the only parts that are dated are the descriptions of the hardware. All points dealing with the human elements of software creation are just as valid today as they were twenty five years ago. Furthermore, as long as the human psyche stays as it is, they will continue to be valid. Despite all of our technical and physical advances, there is no reason to believe that human nature has changed in the last three thousand years. As so many writers point out, the high failure rate of software projects is not due to technical factors but human ones. Weinberg deals with many of these points and offers simple advice on how to solve the psychological problems of software development. In many ways, his solutions can be considered patterns as well. I listed this book as one of the best books of the year in my annual column published in the September, 1999 issue of *Journal of Object-Oriented Programming* and could probably do so again in another twenty five years. 4 von 5 Kunden fanden die folgende Rezension hilfreich. Condensed, highly quotable software wisdom. 0% redundancy! Von Iyad El-Baghdadi What prompted me to buy and read this book was Steve McConnell's recommendation in *Code Complete*. After reading *Psychology from cover to cover*, I have become a Weinberg fan! The book is a true jewel - not deficient, not redundant. Every sentence means a lot, and carries insight and pure wisdom. The book demands your utmost attention. Weinberg speaks with precision, simplicity, grace, and wisdom. I found myself quoting him very often! The anecdotes are memorable and relevant - you'll find yourself narrating them to others! Things I liked most: The entire section on "Egoless Programming". The first three parts of the book are amazingly relevant, although the book has been written over 25 years back (I didn't even exist back then!) Things I liked least: The last part "Programming Tools" seems to be the only part that's dated. It may be more meaningful to someone who has experienced such tools and languages. Now I look forward to reading Weinberg's other books, including "Becoming a Technical Leader", "The Secrets of Consulting", and the "Quality Software Management" series.

**Kurzbeschreibung** This landmark 1971 classic is reprinted with a new preface, chapter-by-chapter commentary, and straight-from-the-heart observations on topics that affect the professional life of programmers. Long regarded as one of the first books to pioneer a people-oriented approach to computing, *The Psychology of Computer Programming* endures as a penetrating analysis of the intelligence, skill, teamwork, and problem-solving power of the computer programmer. Finding the chapters strikingly relevant to today's issues in programming, Gerald M. Weinberg adds new insights and highlights the similarities and differences between now and then. Using a conversational style that invites the reader to join him, Weinberg reunites with some of his most insightful writings on the human side of software engineering. Topics include egoless programming, intelligence, psychological measurement, personality factors, motivation, training, social problems on large projects, problem-solving ability, programming language design, team formation, the programming environment, and much more. The author says, "On an inspired eight-week vacation in Italy, I wrote the first draft of *The Psychology of Computer Programming*. . . the book quickly became a best-seller among technical titles, running through more than twenty printings and staying in print for twenty-five years. . ." For this Silver Anniversary Edition, I decided to take my own advice and not try to hide my errors, for they would be the source of the most learning for my readers. I decided to leave the original text as it was, antiques and all, for your illumination, and simply to add some 'wisdom of hindsight' remarks whenever the spirit moved me. I hope you find the perspective brought by this time-capsule contrast as useful to you as it has been to me." Sue Petersen of *Visual Developer* said: "In this new edition, Jerry looks at where we were 30 years ago, where we are now and where we might be in the future. Instead of changing the original text, he's added new comments to each chapter. This allows the reader to compare and contrast his thinking over the decades, showcasing the errors and omissions as well as the threads that bore fruit." . . . one issue -- communication -- has been at the core of Jerry's work for decades. Unknown to

him at the time, Psychology was to form the outline of his life's work. . . . Psychology is valuable as history in a field that is all too ready to repeat the errors of its past. Read Psychology as a picture of where we've been, where we are now, and where we need to go next. Read it as an index to the thinking of one of the most influential figures in our field." Alexander Wolfe said, "Weinberg's book isn't loaded up with one-liners, but rather provides an almost Freudian dive into the personalities of the people you work alongside. When I read it in the late 1970s (it came out in 1971) I was blown away by its dead-on-ness." one reviewer commented, "One comes away with the feeling of having spent a pleasant but somewhat 'wasted' afternoon of reading, and as the old joke goes, 'it ain't till you try to turn your head that you realize how sharp the razor was.'" An reviewer wrote: I bought this for my son, who is following in my footsteps as a computer programmer, sort of: Instead of machine languages, assembly languages, Fortran, Cobol, and report generators, he uses newer languages such as Pearl, Ruby, and Java. But he still found this book very interesting and well worth reading, as I did years before I first met his mother. J. Hirschfelder of Computing s wrote: "The Psychology of Computer Programming . . . was the first major book to address programming as an individual and team effort, and became a classic in the field. . . . Despite, or perhaps even because of, the perspective of 1971, this book remains a must-read for all software development managers." Kurzbeschreibung This landmark 1971 classic is reprinted with a new preface, chapter-by-chapter commentary, and straight-from-the-heart observations on topics that affect the professional life of programmers. 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Despite, or perhaps even because of, the perspective of 1971, this book remains a must-read for all software development managers." Synopsis The first edition has been continuously in print since 1971, and here software engineer Weinberg leaves the original text and adds a new preface and commentary on each chapter. He describes computer programming as human performance, a social activity, and an individual activity and describes some programming. The language is kept to a minimum techn