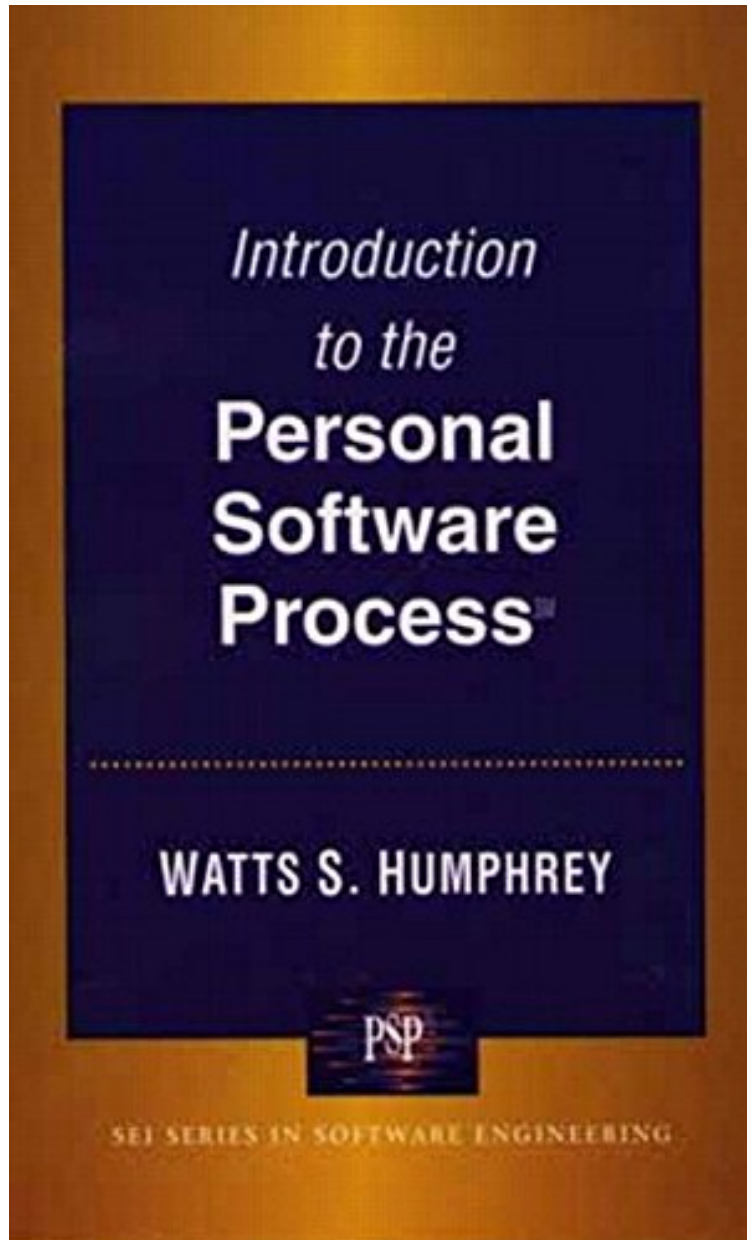


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Introduction to the Personal Software Process(sm) (SEI Series in Software Engineering)

Von Watts S. Humphrey

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Von Watts S. Humphrey : Introduction to the Personal Software Process(sm) (SEI Series in Software Engineering) before purchasing it in order to gage whether or not it would be worth my time, and all praised Introduction to the Personal Software Process(sm) (SEI Series in Software Engineering):

Kundenrezensionen
Hilfreichste Kundenrezensionen
2 von 2 Kunden fanden die folgende Rezension hilfreich. This is a great book if you have never, like me, had any type of process education or formal time management training. I wish this book was available 15 years ago when I took my first CS class in college. For the working programmer, especially in today's visual integrated environment, applying a lot of the material is hard. The Lines of Code (LOC) measurement used is not considered the best judge of program complexity, plus in a visual environment where one can spend days laying out forms or reports that generate no lines of code can skew numbers. I understand its use: It is easy to explain and calculate for beginners, but is lacking for working programmers. There is also an emphasis on distinct phases of program development, particularly the compile and test phase. For those of us who work in a visual environment (be it C, Pascal, or Basic) the phases blur together and tracking time spent on compile is negligible. Also not mentioned is should intentional syntax errors (such as going to copy a variable name) that automatic syntax checking catches be tracked? The extreme academic bend of the book also begins to annoy after a while. The use of "small programs" to work with on the job is rare. Tracking number of lines changed can be tough in large programs, even with source code controls in place. The base code review checklist is extremely simple (intentionally) and aimed at C or Ada programmers, leaving other languages hanging. One last annoyance: Many of the forms talked about are not available to print or use in a spreadsheet. The one form most working programmers would use, the time log, is the most glaring example. If you meet either of the requirements in the first paragraph, read the book. You will find something of use. Just about anyone in the field would benefit from chapters 3 and 7 (in particular) since we all tend to have problems estimating how much time things will take. Lastly, most of the data used to show how things improved after using the Personal Software Process was from 2 groups, one "real world" company and a group of students. Both groups only had around 15 people. Even combining both groups a sample of 30 programmers is not overwhelming evidence. A larger sample is needed. Although only 3 years old, to me the book needs to be updated. Larger samples for the improvement examples, handling non-code artifacts such as forms and program documentation, and making sure that all of the forms are available on standard size paper (8.5x11 or A4) would be a good starting place.

1 von 1 Kunden fanden die folgende Rezension hilfreich. Too academic
Von Stephan Wiesner
The ideas of the book are quite good and it actually helped me, because it made me rethink my development process and I do use some of his advice, like keeping a time log of the work I do. I can not agree with every idea he presents, partly because he is not practical enough in the way he explains it. I read the book and nod my head and say to myself to try it out, but in practice it just doesn't work. I do not need a plan for the 100 lines programs he uses as examples and I just don't see a way for it to work on large projects. Proper tool support might help here. He states studies (with 4 to 40 persons involved) which are clearly not representative and sometimes even contradict what he claims they prove. So, the book is a very good starting point, but would need another book to really make it work.

0 von 0 Kunden fanden die folgende Rezension hilfreich. Good if you are a first or second year college student, but
Von Ein Kunde
I originally bought this book to improve my own software engineering habits. While this book has its merits, I am afraid that it is geared more toward the first and second year college student than the professional engineer. It specifically addresses student issues, and most of the lessons are not applicable to professional work environments. However, if you happen to be a college student in CE, then I would suggest this book as a primer. Humphrey is very detailed in his explanation and extremely experienced in this field.

Kurzbeschreibung
This newest book from Watts Humphrey is a hands-on introduction to basic disciplines of software engineering. Designed as a workbook companion to any introductory programming or software-engineering text, Humphrey provides here the practical means to integrate his highly regarded Personal Software Process (PSP) into college and university curricula. The book may also be adapted for use in industrial training or for self-improvement by practicing software engineers. Applying the book's exercises to their course assignments, students learn both to manage their time effectively and to monitor the quality of their work, good practices they will need to be successful in their future careers. The book is supported by its own electronic supplement, which includes spreadsheets for data entry and analysis. A complete instructor's package is also available. By mastering PSP techniques early in their studies, students can avoid--or overcome--the popular "hacker" ethic that leads to so many bad habits. Employers will appreciate new hires prepared to do competent professional work without, as now is common, expensive retraining and years of experience.

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