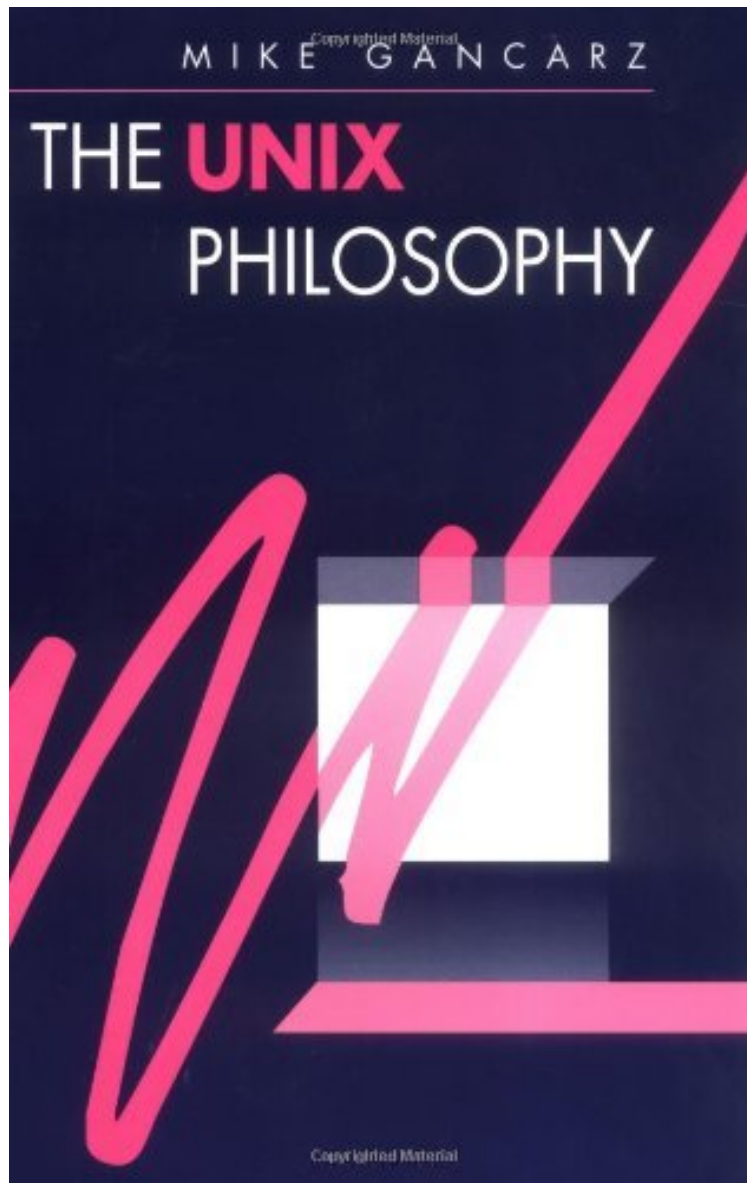


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The UNIX Philosophy

Von Mike Gancarz

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Von Mike Gancarz : The UNIX Philosophy before purchasing it in order to gage whether or not it would be worth my time, and all praised The UNIX Philosophy:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Yada yada yadaVon Primoz PeterlinI suppose this is the kind of book that should be adored by managers. First, it has a stylish cover. Second, it doesn't take much of your time. You should be over with it in about one hour - not only it's

thin, it is also typeset in a size larger than the usual book letter size. And third, it comes with ready-made slogans like "Small is beautiful", "Make each program do one thing well" etc, that can come handy at staff meetings. Even at its rather modest size, this book is stretched to the limits. There is about enough material in it to make a decent article in UnixWorld or some similar magazine, perhaps even two; it could also be made a chapter in some compendium. But that doesn't nearly make it enough for a standalone book. True, Gancarz writes well, and anecdotal stories in this book make a pleasant bathtub reading. To convince you that Unix indeed is a great design, however, get something substantial instead. If you are a programmer and seeing some actual code doesn't scare you off, I would recommend The Unix Programming Environment by Kernighan and Pike. Though dated, in my opinion it still makes a better introduction to the Unix design philosophy. If you are not that much interested in Unix, you might nevertheless want to consider saving twenty bucks and subscribing to comp.unix.advocacy Usenet group instead.

0 von 0 Kunden fanden die folgende Rezension hilfreich. This is one of ten books that I give to new employees as a greeting gift when they start working at my company Browserling! Von Peter Krumins This is one of the most important books about software development ever written. This book is not about how to write software but about philosophy of writing software the Unix way. You will only appreciate this book after a decade in software industry. I remember reading it when I was like 15 and I thought cool but only a decade later I started appreciating philosophical principles laid out in this book.* Small is beautiful.* Make each program do one thing well.* Build a prototype as soon as possible.* Choose portability over efficiency.* Store data in flat text files.* Use software leverage to your advantage.* Use shell scripts to increase leverage and portability.* Avoid captive user interfaces.* Make every program a filter. I try to follow most of Unix philosophy closely when writing my software. I write tiny utilities that do one thing and only one thing well. I ignore frameworks as they're bloatware that do all the things. I build prototypes as soon as possible and show it to everyone, get feedback and quickly iterate to make it a finished program. I don't care much about portability. I store data in text files and sqlite databases. I leverage helper libraries and utilities but I don't leverage frameworks or larger code pieces that can often be rewritten in 90 lines of code to have 90% of their functionality and you don't need the remaining 10% anyway. I use shell scripts exclusively to connect my programs. I avoid captive user interfaces. I sometimes make my programs a filter and sometimes I don't. Sometimes making programs to filter data don't make sense. This is one of ten books that I give to new employees as a greeting gift when they start working at my company Browserling. They can choose 9 other books from my 100+ book list but I force everyone who works at Browserling to read this book as we've an incredible Unix culture at Browserling. If you haven't read this book, you will have trouble understanding the culture and fitting in. There are several more tenets, ideas which tend to be part of the Unix world's belief system and that are part of Unix culture. Here are a few that matter:* Allow the user to tailor the environment.* Use lower case and keep it short.* Silence is golden.* Think parallel.* The sum of the parts is greater than the whole.* Look for the 90% solution.* Worse is better.* Think hierarchically. I won't comment on these as this book review is taking over the entire review page but you can look into these on your own. These are really beautiful and it takes many years to appreciate them and incorporate them in your thinking and how you get things done. A newer version of this book exists called Linux and the UNIX Philosophy. I don't have it but I just ordered it as I was writing this text. I've placed this book #27 in my Top 100 Mathematics, UNIX and Science books list. Google for catonmat top 100 math unix science books

Kurzbeschreibung* Deals with powerful concepts in a simple way * Highlights important characteristics of Operating systems and other abstract entities in a new way * Explores the tenets of the UNIX operating system philosophy Unlike so many books that focus on how to use UNIX, The UNIX Philosophy concentrates on answering the questions: 'Why use UNIX in the first place?'. Readers will discover the rationale and reasons for such concepts as file system organization, user interface and other system characteristics. In an informative, non-technical fashion, The UNIX Philosophy explores the general principles for applying the UNIX philosophy to software development. This book describes complex software design principles and addresses the importance of small programs, code and data portability, early prototyping, and open user interfaces. The UNIX Philosophy is a book to be read before tackling the highly technical texts on UNIX internals and programming. Written for both the computer layperson and the experienced programmer, this book explores the tenets of the UNIX operating system in detail, dealing with powerful concepts in a comprehensive, straightforward manner. Pressestimmen 'It's a pleasant read-it's short and non-technical, focussing on ideology.' - Mactech

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