

Programming Language Brian W Kernighan

The Elements of Programming Style
The C Answers Book
Java Cookbook
Code Reading
UNIX in a Nutshell
Classic Shell Scripting
Software Design by Example
Millions, Billions, Zillions
Programming Language Pragmatics
Document Preparation Systems
Practice in Software Adaption and Maintenance
Introducing the UNIX System
Unix
Schaum's Outline of Programming with C
The Practice of Programming
An Introduction to Text Processing Systems
Design of BLSS Statistical Software
The UNIX Programming Environment
Dr. Dobb's Journal of Software Tools for the Professional Programmer
EP90 Brian W. Kernighan Ian F Darwin Diomidis Spinellis Arnold Robbins Arnold Robbins Greg Wilson Brian W. Kernighan Michael Scott Jurg Nievergelt Rudolf Ebert Henry McGilton Brian W. Kernighan Byron S. Gottfried Brian W. Kernighan John James Henry Miller David Mark Abrahams Brian W. Kernighan Richard Keith Furuta

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you may have seen unix quick reference guides but you ve never seen anything like unix in a nutshell not a scaled down quick reference of common commands unix in a nutshell is a complete reference containing all commands and options along with generous descriptions and examples that put the commands in context for all but the thorniest unix problems this one reference should be all the documentation you need the third edition of unix in a nutshell includes thorough coverage of system v release 4 to

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shell scripting skills never go out of style it's the shell that unlocks the real potential of unix shell scripting is essential for unix users and system administrators a way to quickly harness and customize the full power of any unix system with shell scripts you can combine the fundamental unix text and file processing commands to crunch data and automate repetitive tasks but beneath this simple promise lies a treacherous ocean of variations in unix commands and standards classic shell scripting is written to help you reliably navigate these tricky waters writing shell scripts requires more than just a knowledge of the shell language it also requires familiarity with the individual unix programs why each one is there how to use them by themselves and in combination with the other programs the authors are intimately familiar with the tips and tricks that can be used to create excellent scripts as well as the traps that can make your best effort a bad shell script with classic shell scripting you'll avoid hours of wasted effort you'll learn not only write useful shell scripts but how to do it properly and portably the ability to program and customize the shell quickly reliably and portably to get the best out of any individual system is an important skill for anyone operating and maintaining unix or linux systems classic shell scripting gives you everything you need to master these essential skills

the best way to learn design in any field is to study examples and some of the best examples of software design come from the tools programmers use in their own work software design by example a tool based introduction with javascript therefore builds small versions of the things programmers use in order to demystify them and give some insights into how experienced programmers think from a file backup system and a testing framework to a regular expression matcher a browser layout engine and a very small compiler we explore common design patterns show how making code easier to test also makes it easier to reuse and help readers understand how debuggers profilers package managers and version control systems work so that they can use them more effectively this material can be used for self-paced study in an undergraduate course on software design or as the core of an intensive weeklong workshop for working programmers each chapter has a set of exercises ranging in size and difficulty

from half a dozen lines to a full day's work readers should be familiar with the basics of modern javascript but the more advanced features of the language are explained and illustrated as they are introduced all the written material in this project can be freely reused under the terms of the creative commons attribution license while all of the software is made available under the terms of the hippocratic license all proceeds from sale of this book will go to support the red door family shelter in toronto features teaches software design by showing programmers how to build the tools they use every day each chapter includes exercises to help readers check and deepen their understanding all the example code can be downloaded re used and modified under an open license

an essential guide to recognizing bogus numbers and misleading data numbers are often intimidating confusing and even deliberately deceptive especially when they are really big the media loves to report on millions billions and trillions but frequently makes basic mistakes or presents such numbers in misleading ways and misunderstanding numbers can have serious consequences since they can deceive us in many of our most important decisions including how to vote what to buy and whether to make a financial investment in this short accessible enlightening and entertaining book leading computer scientist brian kernighan teaches anyone even diehard math phobes how to demystify the numbers that assault us every day with examples drawn from a rich variety of sources including journalism advertising and politics kernighan demonstrates how numbers can mislead and misrepresent in chapters covering big numbers units dimensions and more he lays bare everything from deceptive graphs to speciously precise numbers and he shows how anyone using a few basic ideas and lots of shortcuts can easily learn to recognize common mistakes determine whether numbers are credible and make their own sensible estimates when needed giving you the simple tools you need to avoid being fooled by dubious numbers millions billions zillions is an essential survival guide for a world drowning in big and often bad data

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