



Tcl/Tk, Second Edition: A Developer's Guide (The Morgan Kaufmann Series in Software Engineering and Programming)

By Clif Flynt



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Tcl/Tk (Tool Command Language/Tool Kit) makes it fast and easy to implement any type of application, from games to network analyzers. Tcl/Tk is a full-bodied, mature programming platform used by NASA rocket scientists, Wall Street database experts, Internet designers, and open source programmers around the world. Tcl/Tk's multi-faceted and extensible nature make it ideal for developing end-user GUIs, client/server middleware, Web applications, and more. You can code completely in Tcl, use any of hundreds of extensions, call C or Java subroutines from Tcl/Tk, or use Tcl to glue legacy applications together.

Written from a programmer's perspective, **Tcl/Tk: A Developer's Guide** describes how to use Tcl's standard tools and the unique features that make Tcl/Tk powerful: including graphics widgets, packages, namespaces, and extensions. With this book an experienced programmer will be able to code Tcl in a few hours. In just a few chapters you will learn about Tcl features that allow you to isolate and protect your code from being damaged in large applications. You will even learn how to extend the language itself.

Tcl/Tk: A Developer's Guide clearly discusses development tools, proven techniques, and existing extensions. It shows how to use Tcl/Tk effectively and provides many code examples. This fully revised new edition is the complete resource for computer professionals, from systems administrators to programmers. It covers versions 7.4 to 8.4 and includes a CD-ROM containing the interpreters, libraries, and tutorials to get you started quickly. Additional materials in the book include case studies and discussions of techniques for the advanced user.

On the CD-ROM

- *Distributions for Tcl 8.3 and 8.4 for Linux, Solaris, Macintosh, and Windows.
- *A copy of ActiveTcl from ActiveState.
- *The latest release of TclTutor.
- *How-to's and tutorials as well as copies of all the tools discussed in the book.
- *The author's "Tclsh Spot" articles from :login; magazine and the "Real World" Tcl/Tk chapters from the first edition.
- *Demo copies of commercial development tools from ActiveState and

NeatWare.

*Many open source Tcl/Tk development tools.

*Tcl/Tk design guidelines.

*Brings beginners up to speed quickly.

*Overview of Tcl development tools, popular extensions, and packages.

*Tips, style guidelines, and debugging techniques for the advanced user.

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Editorial Review

Review

"The best computer programmers are astonishingly more productive than average. One reason is that they use good tools, and they use them well. Clif Flynt's **Tcl/Tk: A Developer's Guide, Second Edition** helps you improve your effectiveness as a developer in both of these ways. Tcl is a software language with a great return on investment?it achieves portable, powerful, economical results with great economy. Just a few lines of Tcl are enough to create applications that are both interesting and useful.

Clif draws on his deep experience as a front-line developer to help you get the most out of Tcl. He writes clearly, and has organized his book with instructive examples that teach the essentials of Tcl. He covers the right material too: **Tcl/Tk** packs in not just such long-standing Tcl strengths such as its easy networking and graphical user interface, but also the latest breakthroughs with internationalization, widget upgrades, and StarPacks.

Want to take your programming to the next level? Get **Tcl/Tk: A Developer's Guide, Second Edition.**"

?Cameron Laird is vice president of Phaseit, Inc. (<http://phaseit.net>), where he specializes in Rapid Enterprise Integration with Tcl and related tools. His frequent publications on information technology include the popular "Regular Expressions" column (<http://regularexpressions.com>).

From the Back Cover

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About the Author

Clif Flynt is a professional programmer and has been a Tcl advocate since 1994. He has developed Tcl applications for the e-commerce, factory control, computer-based education, network analysis, games, firewall configuration, systems administration, and more. He has taught Tcl/Tk seminars in colleges and corporations around the world and writes regularly on Tcl/Tk for the developer community.

Users Review

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Dale Perez:

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Russell Wade:

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