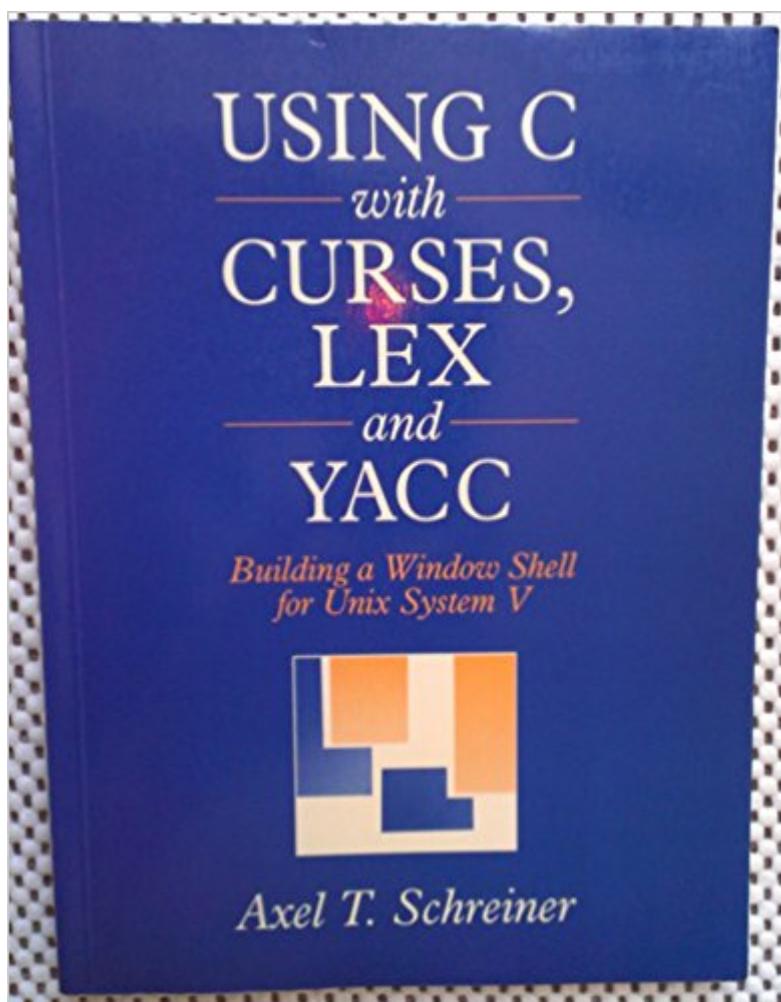


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# Using C With Curses, Lex, And Yacc: Building A Window Shell For Unix System V



## **Synopsis**

The basics of programming window systems in the UNIX operating systems environment is explained. Scores of "tricks of the trade" are included to show readers the shortcuts to developing portable UNIX software. Designed for serious developers.

## **Book Information**

Paperback: 272 pages

Publisher: Prentice Hall; First Edition edition (September 1990)

Language: English

ISBN-10: 0139328645

ISBN-13: 978-0139328640

Product Dimensions: 0.5 x 6.8 x 9.5 inches

Shipping Weight: 14.4 ounces

Average Customer Review: 4.0 out of 5 starsÂ  [See all reviewsÂ \(2 customer reviews\)](#)

Best Sellers Rank: #1,601,404 in Books (See Top 100 in Books) #51 inÂ Books > Computers & Technology > Operating Systems > Unix > Shell #1142 inÂ Books > Computers & Technology > Programming > Microsoft Programming > C & C++ Windows Programming #10103 inÂ Books > Computers & Technology > Programming > Languages & Tools

## **Customer Reviews**

Not so much about the "C" language as using it with termcap, terminfo and curses, lex and yacc to demonstrate a complete set of applications. The first is a windowing text manager called a "window manager" which uses termcap or terminfo through curses to manipulate the screen. Then lex and yacc are used to create programs that interface with the command line and are added to the windowing manager toolkit. The author is German and his manuscript was converted into English. Published in 1987 it comes from a time right around the CP/M DOS days when textural shell technology was led by Xtree, Midnight Commander and other programs of their type. Microsoft Windows 1.0 wouldn't be much different just five years later. The Macintosh released in 1984 was an abrupt departure from the utility of traditional command line shells "symbolically" representing many things that were explicitly declared in text shells. Today its much more interesting for its historical value and perspective on the evolution of Curses from the "Vi" text editor themselves building on the success of the Termcap and Terminfo extraction from Bill Joy's programming tools. Its rather like reading a Grad students memoirs shortly after graduation. About the things he did while a student and just before moving on to the real world. No longer in print. It will be seen as a

time capsule in the years to come. Linux would probably be the best platform in which to attempt exercising many of the examples.

Contents

1. The Windows Shell (wish) - mostly intro to the programs that follow
2. A desktop calculator - a tight cmd line tool
3. Introducing Curses - learning to control the text screen
- 4.

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