



Essential CVS

By Jennifer Vesperman

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Essential CVS By Jennifer Vesperman

CVS, the Concurrent Versions System, is the popular source-code management tool that frees developers from the chaos that too often ensues when multiple users work on the same file. An open source technology that is available on most computer platforms, including Windows® and Mac OS® X, CVS is widely used to manage program code, web site content, and to track changes made to system configuration files. Multiple users can check out files from a directory tree, make changes, and then commit those changes back into the directory. If two developers modify the same file, CVS enables both sets of changes to be merged together into one final file. Although CVS is a lifesaver in many development scenarios, it suffers from poor documentation. But with *Essential CVS*, developers can have it all: the order that CVS brings and the comprehensive documentation developers need. *Essential CVS* is a complete and easy-to-follow reference that helps programmers and system administrators apply order to the task of managing large quantities of documents. The book covers basic concepts and usage of CVS, and features a comprehensive reference for CVS commands--including a handy Command Reference Card for quick, on-the-job checks. The book also includes advanced information on all aspects of CVS that involve automation, logging, branching and merging, and "watches." Readers will find in-depth coverage of the following:

- Installing CVS and building your first repository
- Basic use of CVS, including importing projects, checking out projects, committing changes, and updating projects
- Tagging, branching and merging
- Working with multiple users
- Clients, operating systems, and IDEs
- Repository management and managing remote repositories
- Project administration, including bug tracking systems, enforcing log messages, history and annotation, and more.
- Troubleshooting

Version control is essential to maintaining order in any project, large or small. Any CVS user, from beginners to team leaders and system administrators, will find this practical guide to CVS indispensable in getting the most from this valuable tool.

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Essential CVS By Jennifer Vesperman Bibliography

- Sales Rank: #4560469 in Books
- Published on: 2003-06
- Original language: English
- Number of items: 1
- Dimensions: 9.19" h x .85" w x 7.00" l,
- Binding: Paperback
- 400 pages

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Editorial Review

Review

"Essential CVS does what you might think would be a small job more effectively and more comprehensively than I would have imagined, even allowing for the generally high standard of O'Reilly books. Apart from covering the boring stuff well, it has two big advantages over the Web: it backs up its discussion of various CVS functions with wise advice and policies on why and how to use these facilities - plus it provides readable (and, presumably, tested) examples. Computing sciences prizes abstraction and generalities; computing practice should, like this book, be informed by concrete specifics and sensible rules-of-thumb." - Damian Counsell, news@UK, December 2003

About the Author

Jennifer Vesperman is the author of Essential CVS. She writes for the O'Reilly Network, the Linux Documentation Project, and occasionally Linux.Com. As a programmer and system administrator, she currently works with Cybersource, an Australian IT consulting firm. She is the current Coordinator for LinuxChix, an advocacy and support group that focuses on women who use and develop open source programs (especially Linux).

Users Review

From reader reviews:

Gloria Smith:

The ability that you get from Essential CVS is the more deep you digging the information that hide in the words the more you get thinking about reading it. It doesn't mean that this book is hard to understand but Essential CVS giving you buzz feeling of reading. The author conveys their point in a number of way that can be understood simply by anyone who read this because the author of this book is well-known enough. That book also makes your current vocabulary increase well. Making it easy to understand then can go to you, both in printed or e-book style are available. We suggest you for having that Essential CVS instantly.

Paul Williams:

Information is provisions for anyone to get better life, information presently can get by anyone with everywhere. The information can be a information or any news even a huge concern. What people must be consider if those information which is inside former life are hard to be find than now is taking seriously which one is acceptable to believe or which one often the resource are convinced. If you find the unstable resource then you obtain it as your main information it will have huge disadvantage for you. All of those possibilities will not happen with you if you take Essential CVS as the daily resource information.

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