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Using Open Source Web Software With Windows (Charles River Media Internet)



Using OPEN SOURCE
WEB SOFTWARE
with WINDOWS

- Teaches how open source software, usually associated only with Linux/UNIX, can be used effectively on a Windows system
- Walks users through the use of open source software programs and shows how they can be used to increase performance while reducing costs
- Details how to use the four most successful Internet open source programs, Apache server, MySQL, PHP, and Perl, in a Windows environment
- Includes a CD-ROM with sample versions of all the software covered in the book, as well as all of the source code

Charles River Media
Internet Series

ERIC HUNLEY



Synopsis

Open Source is NOT JUST FOR LINUX/UNIX! Open source is changing the software market because of its advantages over commercial tools including cost savings, greater reliability, security, improved performance, and scalability. Although open source is primarily associated with Linux, many people, including IT professionals, don't realize that open source programs can work on a standard Windows platform. In addition, most open source documentation is Linux/UNIX-focused, so instructions and examples are not easily accessible to Windows users. Using Open Source Web Software with Windows addresses these issues by introducing Windows administrators, programmers, and Web developers to open source server tools such as Perl, MySQL, Apache, and PHP, which are currently used to power more than 65% of Web sites worldwide. Users learn everything they need to implement these tools effectively, including the basics of downloading and installing each of the packages. From there they use the tools and programs in practical combinations to create a self-contained Web server on Windows. After working through the book, Windows users will be able to handle open source database methods, send pages to the Web or Intranets, and make dynamic Web databases. Using open source software will help to reduce licensing costs and improve the reliability, security, and efficiency of their Web tools.

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Customer Reviews

I want to congratulate the author for writing such an excellent book for beginners to open-source

software like Apache, PHP and mySQL. On windows platform does not bother me as it is the predominant operating system platform and easier to relate to, although I do hope the second version of this book might include a Linux-version. The CD software includes the latest version of PHP, MySQL, Apache and Perl, although personally I think Perl should be less covered since PHP is much better. Also the section of IIS installation with PHP kind of distract the attention from Apache in the whole book. Some typo errors in the book's codes, as well as installation errors not mentioned in the book could frustrate non-technical people: e.g. Not able to set up on my Windows XP (Home) for virtual host / Server Side Include / OpenSSL / Preventing Directory listing...also on PHPMyadmin (Chap 8), the book missed out a step to uncomment in PHP.INI the line extension=php_mysql.dll in order to get the nice result of Fig 8.30, otherwise you would constantly get this error "cannot load mysql extension". Overall the book is recommended to read through in one session (I spent 3 hours in one single night), then follow by practices in few other sessions on Apache, PHP and MySQL in sequence. It has been an enriching and enjoyment experience for me. I highly recommend to all new commers in web-database application developers.

This book is here to help the beginner in Apache, PHP, Perl and MySQL. If you have always fancy in setting up your own web server but have no idea of how to do it, this book is for you. The author teaches you step-by-step from installing Apache web server, PHP and Perl to writing applications like database-enabled web applications using Perl, PHP and MySQL. He also touches a small portion of SSI (Server-side Includes). This book is indeed very good for beginners. However, please be warned that you may get frustrated by the typos and mistakes found in this book. Refer to the previous post, he mentioned some configuration issues which are helpful. Other than that, this book is definitely worth reading as you may learn a lot especially when you have no idea of what and how to use Apache, PHP, Perl, and MySQL. For advanced readers, you may want to look into other books :)

While there is an awful lot of software available on the net, this book concentrates on software related to setting up web sites on systems running the Windows operating system. This includes the Apache web server, PHP to provide web/database interconnectivity, MySQL database, and Perl to provide more flexibility to your web sites. The CD-ROM included with the book includes copies of all of this software, so here is really all that you need to put up dynamic web sites. I guess the question I would have to ask is that if you are using a system for a single application such as being a web server, why wouldn't you go all the way and use a Linux operating system under it, it would be

faster, more reliable and less expensive. But if you gotta use Windows, here's all you need.

Eric Hunley's **USING OPEN SOURCE WEB SOFTWARE WITH WINDOWS** addresses some common issues with open source documentation, from Linux/UNIX focuses not easily accessible to Widows users to adapting these focuses to Windows environments. Chapters tell exactly how to adapt open source software to Windows environments, using four of the most popular Internet programs as examples. The focus on how to reduce costs in the process is also a welcome one.

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