Windows Linux Migration Toolkit

Your Windows to Linux Extreme Makeover!

- Fully Functioning Scripts on CD-ROM Automate Your Migration Tasks

- Complete Coverage of Migration Process Planning, Anti-Virus and Anti-Spam Applications, and Deployment Details

- Covers Windows 95; 98, 98SE, and Me; NT4; Windows 2000; and Windows XP. Applies to ALL Linux Distributions.
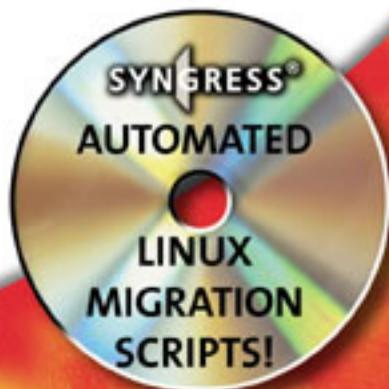
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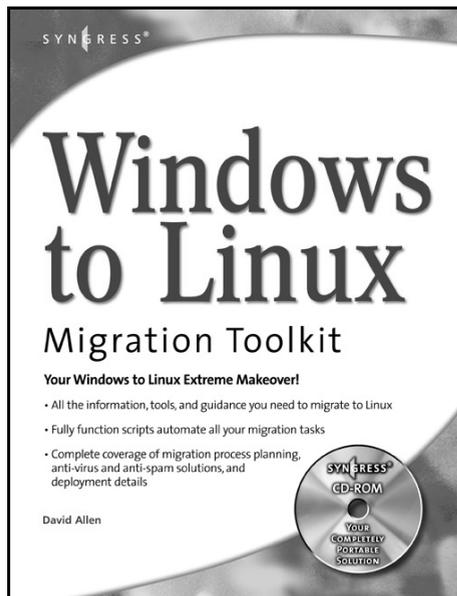
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Windows to Linux
Migration Toolkit

David Allen

Andrew Scott

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John Stile

Tim Tuck

Christian Lahti   **Technical Editor**

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Windows to Linux Migration Toolkit

Acknowledgments

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David Allen (President, CRCI) is the lead author and technical editor of *Windows to Linux Migration Toolkit*. David started programming computers when he was eight years old, and has over two decades of experience in the computer field. David has been responsible for over 25,000 migrations on five continents. He has worked for international banks (Schwab, Credit Suisse, JPMorgan), technology companies, and government organizations including NASA. David has been an Open Source advocate for many years, and is a speaker at LinuxWorld and O'Reilly's Open Source Convention.

David founded Computer Resources Consulting, Inc. to provide consulting services to clients around the world. CRCI provides migration, support, training, and security consulting using open source solutions. For more information about CRCI and migration services provided by the authors of this book, navigate to www.crconsulting.com or phone (800) 884-9885.

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John joined the computer industry in 1997, and began exploring Unix in 1999 after discovering that, unlike biology, there is always a solution to computer problems. He has worked with entities large and small, public and private, in various industries, including: Industrial Light and Magic, Adobe Systems, Ohlone College, Certicom, and Skyflow.

John would like to thank John H. Terpstra for offering advice, updating RPMs, and adding a personal touch during the writing of this book. John is the author of *Samba-3 By Example,* the soon-to-be-released *OpenLDAP By Example,* and is a contractor for Samba solutions.

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Andrew Taylor Scott is a student of computer science and philosophy at City College of San Francisco and part-time Linux consultant for non-profits looking to leverage open source software within their organizations. Before he went back to school, he was working at Linuxcare Inc., a revolutionary organization providing

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Some of Andrew's clients include Thrasher Magazine, Theme-Co-op Promotions®, Fast Country, Institute for Collaborative Change, and Associated Students Councils at CCSF. He has completed several certifications in Linux system and network administration from Linuxcare University, including LNX-102, LNX-201, LNX-202, and LNX-301. He has also received Sun's Solaris System Administration I certification and has excelled in multiple in-depth classes regarding Unix and Linux operating system internals and C++ programming. Andrew has real-world experience deploying Linux servers for in-house networks, as well as collocated networks, establishing hardware and network needs, and designing appropriate Linux fixtures—often at a greatly reduced cost compared to commercial solutions. He is currently working on developing open source groupware with LAMP for virtual hosts.

Timothy Tuck is the President of Pervasive Netwerks and the Founder of the Hayward Linux Users group known as LinuxDojo.net. He specializes in Linux and Windows to Linux migrations. His company currently provides IT services for over 70 Companies in and around the Silicon Valley. Timothy's background includes positions in research and development as a Prototyper for Logitech, and as a Senior Engineering Tech and Lab Administrator at Cisco Systems. He has been working with computers for the last

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Timothy would like to give special mentions and thanks to David Allen for coming up with the idea for this book, Jaime Quigley for her help during the writing process, Andrew Scott for his help during the editing of chapters, and to Rick Moen for the recommendation. A huge 'thank you' goes out to all of the hackers and programmers who contribute to Open Source Software. Their contributions have made all of this possible. To Linus Torvalds for giving the world the ultimate gift, Linux; the gift that keeps on giving. To the penguinheads from LinuxDojo.net, whose contributions to the users group keep it fun and real month after month. Special mention to Tim's lovely wife, who has given up everything to come half way across the world to put up with his endless hours of hacking around.

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Contents

About the CD

The CD-ROM accompanying this book contains the Windows to Linux Migration Toolkit (W2LMT) scripts and configuration files, as well as a chapter-by-chapter summary of the configuration files used by the fictional companies Acme Widgets and Ballystyx Engineering. Navigate to **index.html** for an easy-to-use chapter-by-chapter guide to the features of the CD

The following table lists each directory, chapter affiliation, and a description of the files located in that directory. It is important to note that although the package directory listed below does contain the latest versions of the Open Source tools used in the book at the time of publication, most Open Source projects develop and evolve at a rapid pace; the scripts may be updated or out-moded by the time you read this. You may want to obtain the latest versions from the appropriate websites, including the W2L MT (Windows to Linux Migration Toolkit), found at www.syngress.com/solutions and http://souce-forge.net/projects/w2lmt.

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Package	ALL	Packaged binaries and compressed source files of many of the tools mentioned in the book, including w2lmt, and all the dependencies required to install them
Src	ALL	W2lmt scripts in source form
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