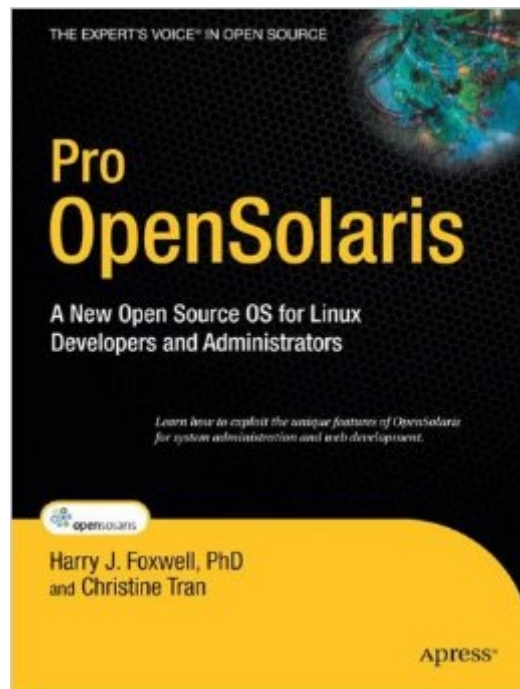# Pro OpenSolaris: A New Open Source OS For Linux Developers And Administrators (Expert's Voice In Open Source)

Synopsis

OpenSolaris is a rapidly evolving operating system with roots in Solaris 10, suitable for deployment on laptops, desktop workstations, storage appliances, and data center servers from the smallest singleâ "purpose systems to the largest enterpriseâ "class systems. The growing OpenSolaris community now has hundreds of thousands of participants and users in government agencies, commercial businesses, and universities, with more than 100 user groups around the world contributing to the use and advancement of OpenSolaris. New releases of OpenSolaris become available every six months, with contributions from both Sun engineers and OpenSolaris community members; this book covers the OpenSolaris 2008.11 release. Pro OpenSolaris was written to demonstrate that you can host your open source applications and solutions on OpenSolaris, taking advantage of its advanced features such as containers and other forms of virtualization, the ZFS file system, and DTrace. It's assumed that you are already fairly knowledgeable about developing on Linux systems, so the authors give an overview of the similarities and differences between Linux and OpenSolaris, and then present details on how to use the Service Management Facility (SMF), ZFS, zones, and even a bit of DTrace. They also provide pointers to the many project communities associated with new OpenSolaris features. Special focus is given to web development using familiar applications such as Apache, Tomcat, and MySQL, along with the NetBeans IDE, and showing you how to exploit some of OpenSolaris's unique technologies.

Book Information

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Customer Reviews

For a combination of personal and professional reasons, Pro OpenSolaris is the perfect book at the perfect time for this period in my life.As a CTO with enterprise-grade experience I know Open Source Software and its many benefits. And as a security professional I have long known of the powerful security features of Open Source in general and Solaris specifically. As a computer scientist I have also been a long time personal user of Solaris (as well as Linux, Mac OS X, XP, and Vista). But things have been moving fast in the open source community and some of the most dramatic changes have been in OpenSolaris, so it has been hard for me to keep up. This book provides a great update of those changes and puts them in a context I needed for continual learning.But let me tell you why I really liked this book. It presents information on a subject I believe all software developers, programmers, project managers and CTOs really need to know, and it presents it in a way that is fast, fun reading. Harry Foxwell and Christine Tran have mastered the art of expression, and that is a rare gift for technical people to do.But here is why you really need to read this book: Although you can find loads of information on the Internet covering technical details of Open Source Software and especially Solaris, it can be very hard to find a comprehensive update on the new innovations in OpenSolaris. Things like a massively scalable new data storage approach called ZFS and the significantly enhanced security over the already very secure Solaris.

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