



Light introduction to OpenSolaris & CZOSUG

It all begins here ...

Speaker: Lubos Kocman

Agenda

- What is OpenSolaris?
- Why to use OpenSolaris?
- Distributions
- Where and how to get it?
- What is CZOSUG?
- How to get in touch?
- How to start using OpenSolaris?
- Q&A

What OpenSolaris really is

- A project launched by Sun Microsystems to create a community around the opensourced code of the Solaris operating system (14th June 2005).
- A newly formed distribution (kernel + userspace) based on the opensourced code. Free and available to everyone.

Why to use OpenSolaris?

- A developer point of view
 - Good backward compatability
 - Application that ran on the Solaris ten years ago will most probably run in the current release without any modifications.
 - No need to recompile everything
 - Observability (Dtrace, mdb)
 - Good documentation
 - Reliable environment (svr4 compatible)
 - Good technologies to built your products on

Why to use OpenSolaris

○ Power user view

- Most advanced swf technologies for free
- Community holds together (not 300+ distributions like in Linux)
- The best networking stack on the market
- Opportunity to participate to the big opensource project
- Better performance (built on SunStudio) a big company behind the project, code is not one big bubble
- Advanced virtualization (zones, xen)

Why to use OpenSolaris?

- User point of view
 - Safe software upgrades (this is problematic in Linux), simple and effective backups (Time slider)
 - Most of the software from Linux can be installed on Solaris too, so what's the problem?
 - Gnome, KDE, compiz , mplayer, vlc, openoffice, xvid, songbird, apache

OpenSolaris distributions

- ~~Solaris Express Community Edition~~
- ~~Solaris Express Developer Edition~~
- OpenSolaris 2009.06
- Nexenta (Debian like distribution)
- Belenix (Default wm is KDE)
- Jaris (Bootable Japanese OpenSolaris)
- MartUX
- MilaX (Minimalistic distribution)
- SchilliX

Interesting projects based on OpenSolaris

○ AuroraUX

- A project mainly written in ADA with gentoo-like philosophy. Driven by Edward O'Callaghan.

○ OSUnix

- A similar project to AuroraUX but driven by Christopher Bergstrom.

Where to get it?

- Just go to <http://opensolaris.org> and click on download or **just pick up a CD from the table in front of you ;-)**
- Documentation can be found at:
 - <http://opensolaris.org>
 - <http://docs.sun.com>
 - <http://google.com>

What is CZOSUG?



What is CZOSUG?

- CZOSUG stands for Czech OpenSolaris User Group
- It's a group consisting of 95 persons (as of 25.11.2009) interested in OpenSolaris. Led by three guys Martin Man (Sun), Roman Strobl (JetBrains), Lubos Kocman (IBM). **The group is active from 15th October 2005.**

What is CZOSUG?

- CZOSUG is having regular or pub meetings that are accessible to everybody. Doesn't matter if you're member or not. Just check <http://opensolaris.cz> for list of new events.
- You can browse our event archive on <http://opensolaris.cz> or <http://opensolaris.org> for multiple materials (videos, slides ...)

How to get in touch?

- The communication inside the group is mainly established via mailing list and irc.
- Registration to mailing list is really easy. Just visit **<http://mail.opensolaris.org>** and search for **czech** or whatever country you like.
- New blogposts, presentations, how-tos can be found on **<http://opensolaris.cz>** or **<http://planet.opensolaris.org>**

So how to start with opensolaris?

- Just get the CD
- Test if your hardware is compatible with opensolaris by hardware detection tool
- Install it on your hardware or in Virtualbox
- Go to <http://opensolaris.org> search for Collectives/Projects that you like and just **enjoy new technologies.**

Q&A

Any questions?



Thank you

Lubos Kocman

Get this material from
blog.setuid.cc or opensolaris.cz
