

# open



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## What's New in OpenSolaris

- Ryan Scott
- Solaris Core Technology Group
- April 16, 2008

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## Background

- Builds last 2 weeks
- Bug: a problem in existing software
- RFE: Request For Enhancement
- Flag Days: Require changes for developers
- Heads Up: May be interesting



# Consolidations

- X
- Install
- Java Desktop System (JDS)
  - Mozilla (Firefox, Thunderbird, Lightning), StarOffice, L10N, Gnome, Evolution
- Localization (L10N)
- Man
- Solaris Freeware (SFW)
- Operating System/Networking (ON)
  - <http://opensolaris.org/os/community/on/flag-days/>



## Build 81

- Closed Jan. 7: 229 bug fixes, 20 RFEs
- Projects, Flag Days, and Heads Up:
  - Simplified CIFS management – PSARC 2007/686
  - Serial Attached SCSI (SAS) Management Protocol (SMP) support for Solaris – PSARC 2007/595
  - Paravirtualized Drivers for Fully Virtualized xVM Domains – PSARC 2007/664
  - igb nic driver – PSARC 2007/624
  - sfe ethernet driver – PSARC 2007/584



## Build 82

- Closed Jan. 22: 139 bug fixes, 16 RFEs
- Projects, Flag Days, and Heads Up:
  - Broadcast/multicast packet notification through pfhooks – PSARC/2007/666
  - SIP Statistics And Logging – PSARC/2008/007
  - svccfg refresh subcommand – PSARC/2008/015
  - zone update on attach – PSARC/2007/621
  - SCF changes for iSCSI Target - PSARC/2007/414
  - Rage\_XL Framebuffer Driver – PSARC/2006/273
  - make ld(1) -z combreloc become default behavior - PSARC/2008/006



## Build 83

- Closed Feb. 4: 164 bug fixes, 10 RFEs
- Projects, Flag Days, and Heads Up:
  - Adding strlen() to implementation of PSARC/1998/399 – PSARC/2008/047
  - Clearview Nemo unification and vanity naming - PSARC/2006/499



## Build 84

- Closed Feb. 19: 104 bug fixes, 14 RFEs
- Projects, Flag Days, and Heads Up:
  - Mmap compatibility – PSARC/2006/123
  - CIFS Client on Solaris – PSARC/2005/695
  - DTrace NFS v3 Provider – PSARC/2008/050



## Build 85

- Closed March 3: 229 bug fixes, 20 RFEs
- Projects, Flag Days, and Heads Up:
  - move xVM to xen 3.1 – PSARC 2008/165
  - Fine Grained Access Permissions (FGAP) – PSARC/2008/109
  - Additional USB Device Properties – PSARC/2008/069
  - Default Route For Zones – PSARC/2008/057
  - Process Contract Decorations – PSARC/2008/046
  - Libtopo enumeration of fans and power supplies via IPMI – PSARC/2008/091



## Build 86

- Closed March 17: 85 bug fixes, 7 RFEs
- Projects, Flag Days, and Heads Up:
  - Intel 4965 802.11agn Wireless Driver – PSARC/2007/647
  - Support for ZFS property value canmount=noauto – PSARC/2008/168
  - new ldd(1) -p option – PSARC/2008/148



## Build 87

- Closed March 31: 214 bug fixes, 28 RFEs
- Projects, Flag Days, and Heads Up:
  - Panther Cache Line Retire – PSARC/2008/156
  - Bootadm: managing a diskless client – PSARC/2008/213
  - Paravirtualized Drivers for Fully Virtualized xVM Domains – PSARC/2007/664
  - Soft CPU and processor set bindings – PSARC/2008/138
  - libhal support for GNOME 2.22 – PSARC/2008/199
  - Alternate home directory for root user – PSARC/2003/039



## Build 88

- Closed April 14: ? bug fixes, ? RFEs
- Projects, Flag Days, and Heads Up:
  - Grub Findroot – PSARC/2008/201
  - ZFS Boot Support – PSARC/2006/370
  - 3-Dimensional driver for ATI Redeon graphics cards – PSARC/2007/685
  - New ZFS "passthrough" ACL inheritance rules – PSARC/2008/231
  - Intel 5400 chipset Memory Controller Hub – PSARC/2008/233

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## Thank you!

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