Last Year in Libvirt

Jiří Denemark <jdenemar@redhat.com>

KVM Froum 2014

Statistics

v1.1.3..v1.2.9

- 3111 commits
- 128 authors

v1.0.0..v1.1.3

- 3328 commits
- 116 authors

- 69 new contributors

Main Contributors

- Red Hat (72 % vs. 84 % the year before)
- individual contributors
- SUSE
- Fujitsu
- Huawei
- IBM
- Parallels

Most Active Areas

Shared code infrastructure: util, conf, storage, security, ...

Hypervisor drivers

- qemu
- lxc
- libxl
- vbox
- bhyve – a new driver

Changes in QEMU Driver

Storage, Snapshots

- file operations go through storage driver
- improved backing chain detection
- relative backing files
- block commit to the active layer

Changes in QEMU Driver

Memory Configuration

- more details about NUMA topology
- enhanced huge pages support

Changes in QEMU Driver

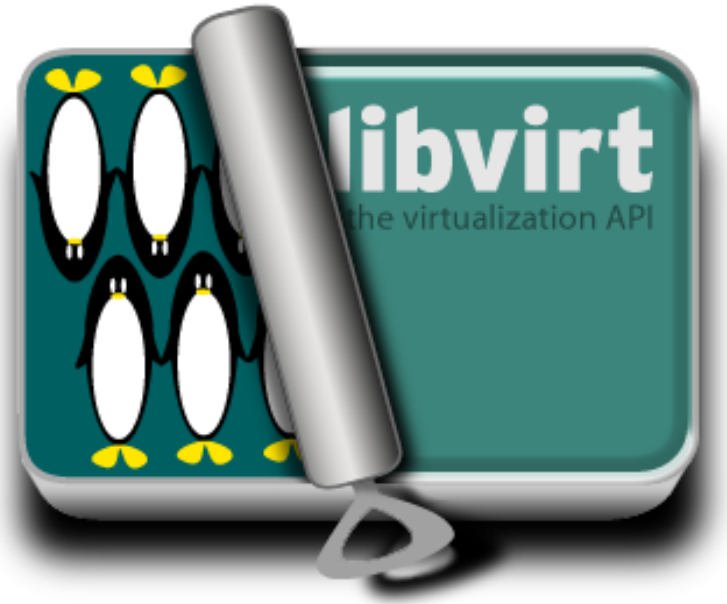
Migration

- RDMA migration
- statistics of a completed migration

Changes in QEMU Driver

- improvements for AArch64 and Power
- OVMF for UEFI
- QEMU capabilities cache

Other Changes

- libvirt-python split into its own repository
- better FreeBSD support + bhyve driver
- Wireshark dissector
- direct D-Bus communication with firewalld in nwfilter
- improved storage driver, new driver for zfs
- more unit tests

The End