

Автор:  
06.02.14 17:41 -

Linux- [Docker 0.8](#) . Docker LXC API, . , Docker , , .

Docker Go Apache 2.0. Linux (namespaces) (cgroups). [lxc](#) . (docker pull base), (, bash "docker run -i -t base /bin/bash").

, Docker 0.8 , , . Docker , . Master- , ... Master- .  
Docker : x.y.z: x - (, 1.0 ), y - , z - .

### Docker 0.8:

- OS X;
- Btrfs copy-on-write. Btrfs, docker "-d -s btrfs";
- : "build", . . ADD , , ;
- ; .
- . , (race conditions);
- , . , ğ ;
- [ONBUILD](#) , (trigger), ;
- ;
- tar, Go, tar;
- systemd.

### Docker:

- , , , , jar, gem, tar ..
- x86\_64 Linux, , . Linux ( ) Linux, Fedora, RHEL, Ubuntu, Debian, SUSE, Gentoo Arch;
- .
- , , .
- : ;
- : , CPU, cgroups;
- : , IP-;
- copy-on-write ( Σ ), ђ, ;
- (stdout/stderr) ;
- Σ , ;
- : -tty shell.
- , . aufs, device mapper ( LVM), vfs ( ) Btrfs. ZFS, Gluster Ceph;
- , , , . , ( ).

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: <http://www.opennet.ru/opennews/art.shtml?num=39030>

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