

Stackato is the first enterprise-grade, cloud application platforn ing Linux Containers (LXC). In addition to securing your applica to organizations such as utilizing computing resources more ef www.activestate.com/stackato

Shutlt is a tool for managing your build process that is both stru github.com/ianmiell/shutit

Fleet ties together systemd and etcd into a distributed init syste of the machine level. This project is very low level and is designed github.com/coreos/fleet

Docker IaaS Tools is a tool set for creating basic single-host mul

flannel is a virtual network that gives a subnet to each host for

Powerstrip is a configurable, pluggable HTTP proxy for the Dock Docker daemon. github.com/ClusterHQ/powerstrip

Analyzes resource usage and performance characteristics of r

Python library for Docker events handling. Dynamically assigns

Kubernetes enables users to ask a cluster to run a set of contair scheduler. Architecturally, we want Kubernetes to be built as a d schedulers, storage systems, and distribution mechanisms. Kul hosts. A single Kubernetes cluster is not intended to span mult users. Kubernetes provides higher-level organizational constru applications, but which could also be expanded to batch and test

Cloud66 is a paid service for managing applications in Docker

Compose is a tool for defining and running complex applicatio file, then spin your application up in a single command which development environments, staging servers, and CI. We don't

A toolkit for orchestrating distributed systems at any scale. It inc more. <u>github.com/docker/swarmkit</u>

Docker Swarm is a simple tool which controls a cluster of Docke It allows you to connect to a single Docker endpoint and run co

Docker Machine makes it really easy to create Docker hosts on servers, installs Docker on them, then configures the Docker cli

Desktop application for running Docker in VirtualBox on OS X v

DataKit is a tool to orchestrate applications using a 9P dataflow tured data instead of raw text. DataKit allows you to define com with the filesystem. DataKit is currently used as the coordinatio github.com/docker/datakit

A toolkit for creating and managing declarative, self-healing inf components. These components work together to actively ensu emphasizes primitives for building self-healing infrastructure,

Setup resource pools, groups and allocate to users, application tion. Automate deployment of container-based applications act hubs. Schedule, orchestrate, and scale applications. Integrated, activity. Securely control container operations on-premise behi

Centurion is deployment tool for Docker. Takes containers from a variables, host volume mappings, and port mappings. <u>github</u>

OpenShift Origin is the open source upstream of OpenShift, the as Platform-as-a-Service, OpenShift takes care of infrastructure <u>www.openshift.org</u>

geard is a command-line client and agent for integrating and li <u>openshift.github.io/geard/</u>

Flocker lets you move your Docker containers and their data tog key-value stores in Docker and move them around as easily as currently running these services in Docker containers in product orchestration framework that allows you to port both your statef

REX-Ray delivers persistent storage access for container runtim advanced storage functionality across common storage, virtualiz endpoints and container platforms. The administration and orch commands. rexray.readthedocs.org/en/stable/

Weave creates a virtual network that connects Docker containe containers were all plugged into the same network switch, with containers on the weave network can be made accessible to the existing internal systems can be exposed to application contain

Tenus is a Golang package which allows you to configure and m via netlink to facilitate creation and configuration of network de with Linux containers including Docker. http://github.com/milosgajdos83/tenus

Software-Defined Networking for Linux Containers. github.com/jpetazzo/pipework

n to incorporate Docker, an open-source project focused on packaging and deploy- tion from others in your cloud, these containers also provide a number of benefits ficiently, simplifying the application lifecycle and enabling workload portability.
uctured and flexible. Complex Docker Builds Made Simple.
em. Think of it as an extension of systemd that operates at the cluster level instead led as a foundation for higher order orchestration.
ti-tenant IaaS. <u>github.com/pyotr777/dockerIaaSTools</u>
use with container runtimes. <u>github.com/coreos/flannel</u>
ker API which lets you plug multiple Docker extension prototypes into the same
unning containers. <u>github.com/google/cadvisor</u>
IPs to containers. <u>tech.instacart.com/ahab/</u>
ners. The system automatically chooses hosts to run those containers on. Has collection of pluggable components and layers, with the ability to use alternative pernetes is intended to run on multiple cloud providers, as well as on physical iple availability zones. Kubernetes is not currently suitable for use by multiple cts in support of common cluster-level usage patterns, currently focused on service est workloads in the future. <u>kubernetes.io.</u>
containers on a number of cloud providers. <u>www.cloud66.com</u>
ns with Docker. With Compose, you define a multi-container application in a single does everything that needs to be done to get it running. Compose is great for recommend that you use it in production yet. <u>github.com/docker/compose</u>
cludes primitives for node discovery, raft-based consensus, task scheduling and
er hosts and exposes it as a single "virtual" host. It's Docker-native clustering system. ntainers on an entire cluster. <u>github.com/docker/swarm/</u>
your computer, on cloud providers and inside your own data center. It creates ent to talk to them. <u>docs.docker.com/machine/</u>
vith GUI. <u>kitematic.com</u>
. It revisits the UNIX pipeline concept, with a modern twist: streams of tree-struc- plex build pipelines over version-controlled data, using shell scripts interacting n layer for HyperKit, the hypervisor component of Docker for Mac and Windows.
frastructure. It breaks infrastructure automation down into simple, pluggable re the infrastructure state matches the user's specifications. Although InfraKit it also can be used passively like conventional tools. <u>github.com/docker/infrakit</u>
s. Configure a secure DevOps control plane. Multi-user, LDAP support, user separa- ross multiple hosts, resource pools, clouds, data centers – integrate with registries, , secure service discovery. Manage, troubleshoot, and audit container application nd the firewall, public cloud, or hybrid cloud. <u>stackengine.com</u>
a Docker registry and runs them on a fleet of hosts with the correct environment .com/newrelic/centurion
e next generation application hosting platform developed by Red Hat. Also known middleware, and management so that you can focus on your app.
nking Docker containers into systemd across multiple hosts.
gether between hosts. This means that you can run your databases, queues and the rest of your app. Even stateless apps depend on many stateful services and tion is nearly impossible. Flocker aims to solve this problem by providing an ful and stateless containers between environments. <u>clusterhq.com</u>
es including those provided by Docker, Mesos and others. It is designed to enable ization and cloud platforms. REX-Ray is an abstraction layer between storage hestration of various storage platforms can all be performed using the same set of
rs deployed across multiple hosts. Applications use the network just as if the no need to configure port mappings, links, etc. Services provided by application e outside world, regardless of where those containers are running. Similarly, ners irrespective of their location. <u>github.com/zettio/weave</u>
nanage Linux network devices programmatically. It communicates with Linux Kernel evices on the Linux host. The package also allows for more advanced network setups