Using docker volume

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Docker volume command

```
$docker volume

Usage:   docker volume [OPTIONS] [COMMAND]

Manage Docker volumes

Commands:
  create               Create a volume
  inspect              Return low-level information on a volume
  ls                   List volumes
  rm                   Remove a volume
```

- docker volume을 관리할수 있는 interface가 추가되었음 (docker 1.9)

Using docker 1.9 volume command

```
$docker volume create --name=scribe_conf
scribe_conf

$docker volume ls
DRIVER              VOLUME NAME
local               scribe_conf

$docker volume inspect scribe_conf
[
    {
        "Name": "scribe_conf",
        "Driver": "local",
        "Mountpoint": "/var/lib/docker/volumes/scribe_conf/_data"
    }
]


$docker volume rm scribe_conf
scribe_conf

$docker volume ls
DRIVER              VOLUME NAME
```

Using docker volume

```
$docker run --net=host -v scribe_conf:/etc/scribe anarcher/scribe
```

Deployment with docker volume

```
$docker run -it --rm -v scribe_conf:/conf anarcher/scribe_conf:0.1

$docker run -it --rm --net=host anarcher/scribe_ctrl reload
```

- docker-compose version 2 에서 docker volume interface을 제공한다

Volume plugin driver

```
$docker run -ti -v volumename:/data --volume-driver=flocker    busybox sh

$docker volume create -h

Usage:  docker volume create [OPTIONS]

Create a volume

-d, --driver=local     Specify volume driver name
--help                 Print usage
--name                 Specify volume name
-o, --opt=map[]        Set driver specific options
```

Volume plugins

- https://docs.docker.com/engine/extend/plugins/

- Rexray : https://github.com/emccode/rexray

- Convey : https://github.com/rancher/convoy

- Flocker : https://github.com/ClusterHQ/flocker

Thank you

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