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|  | **2014** |
|  | The Company  Martien Huijsmans |

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| **[Docker]** |
| Todo |

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# Installation

<https://docs.docker.com/engine/installation/centos/>

Proxy: <https://docs.docker.com/engine/articles/systemd/>

<http://www.projectatomic.io/blog/2015/08/why-we-dont-let-non-root-users-run-docker-in-centos-fedora-or-rhel/>

# Running docker deamon from commandline

~]$ sudo HTTP\_PROXY=http://185.46.212.34:10015 docker –d

# Article on enabling systemd inside container

Ref: <http://developerblog.redhat.com/2014/05/05/running-systemd-within-docker-container/>

Building an image: docker build -t systemd\_fed20\_apache .

Starting docker with init (which triggers systemd)  
]]$ docker run --privileged -ti -v /sys/fs/cgroup:/sys/fs/cgroup:ro -p 8090:8080 systemd\_fed20\_sgse /usr/sbin/init

Opening shell into existing running docker instance:  
[310160231@localhost systemd]$ docker ps  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  
**e34293c121e2** systemd\_fed20\_sgse "/usr/sbin/init" 3 minutes ago Up 3 minutes 0.0.0.0:8090->8080/tcp jovial\_mestorf  
[310160231@localhost systemd]$ sudo docker exec -i -t **e34293c121e2** bash

Stop existing docker container:  
[310160231@localhost systemd]$ docker ps  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  
**e34293c121e2** systemd\_fed20\_sgse "/usr/sbin/init" 3 minutes ago Up 3 minutes 0.0.0.0:8090->8080/tcp jovial\_mestorf  
[310160231@localhost systemd]$ sudo docker stop **e34293c121e2**