Docker Jenkins integration

Plugin

1.Docker plugin

The aim of the docker plugin is to be able to use a docker host to dynamically provision a slave, run a single build, then tear-down that slave.

**2. Docker build step plugin**

**This plugin allows to add various Docker commands into your job as a build step**

If you would like to use Docker for dynamics slave provisioning, you should check this plugin.

Plugin currently support following commands:

commit changes in specified container

create new container from image

create image from Dockerfile

create exec command

kill container(s)

pull image from a repository

push image to a repository

remove container(s)

remove all containers

restart container(s)

start container(s)

stop container(s)

stop all containers

start/stop all containers created from specified image

start exec container

**3.Cloudbees custom docker build environment plugin**

This plugin allows the definition of a build environment for a job using a Docker container.

# Delete all containers

docker rm $(docker ps -a -q)

# Delete all images

docker rmi –f $(docker images -q)