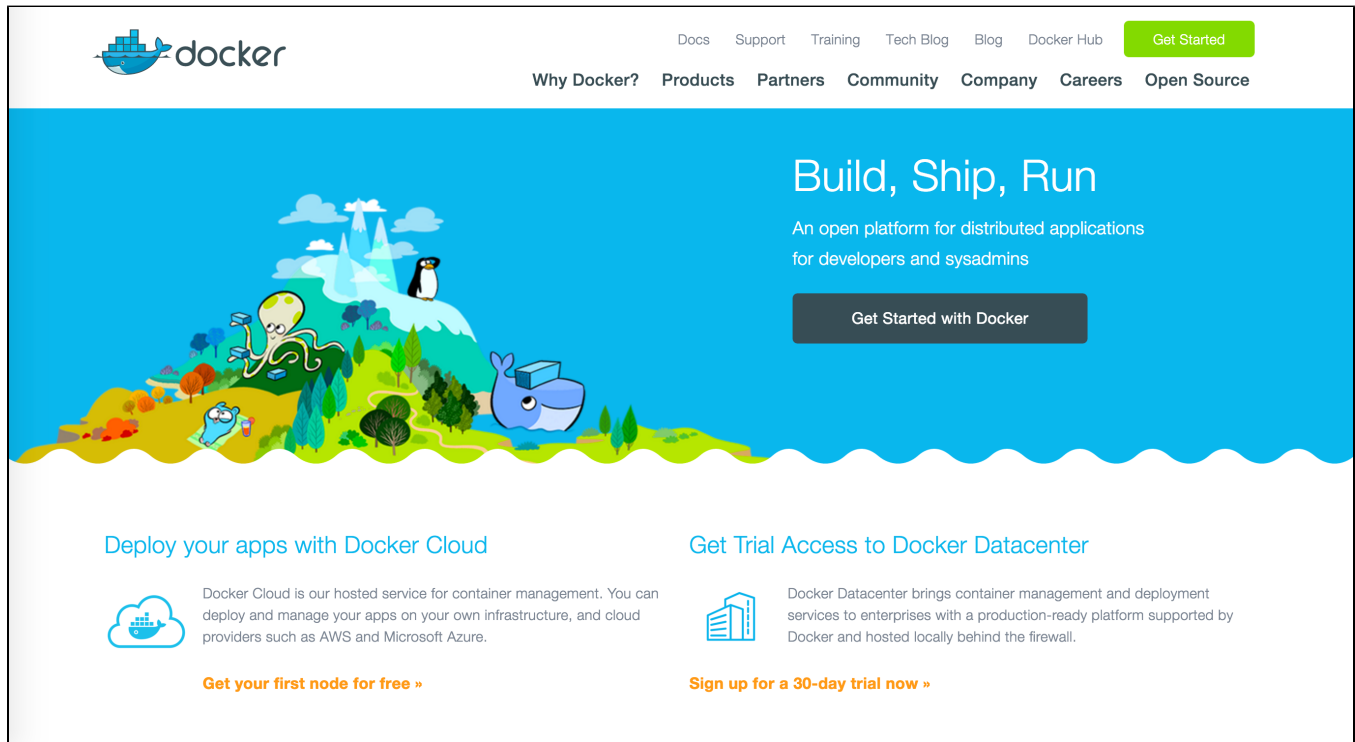


Joget on Docker

Docker (www.docker.com) is an open platform making it easier to create, deploy, and run applications by using containers.



The screenshot shows the Docker website homepage. At the top, there's a navigation bar with the Docker logo and links for Docs, Support, Training, Tech Blog, Blog, Docker Hub, and a green 'Get Started' button. Below this is a secondary navigation bar with links for Why Docker?, Products, Partners, Community, Company, Careers, and Open Source. The main content area features a large blue banner with a colorful illustration of a whale, a penguin, and a person on a small island. The text on the banner reads 'Build, Ship, Run' and 'An open platform for distributed applications for developers and sysadmins'. A dark button with the text 'Get Started with Docker' is positioned on the right side of the banner. Below the banner, there are two sections: 'Deploy your apps with Docker Cloud' and 'Get Trial Access to Docker Datacenter'. Each section includes an icon, a brief description, and a button to sign up or get started.

This article describes the steps required to run Joget on Docker. With Docker, you can easily deploy Joget with just a single command. Public Joget Docker images are hosted in the Docker Hub repository (<https://hub.docker.com/u/jogetworkflow/>)

Prerequisite: Install Docker

Install Docker following the docs at <https://docs.docker.com/engine/installation/>. There are instructions for Linux, Windows or Mac.

Option 1: Run Joget with Embedded MySQL

The easiest way is to run a Joget container which also contains a MySQL database:

```
docker run -d -p 8080:8080 -v /var/lib/mysql --name joget jogetworkflow/joget-enterprise
```

With just a single command, you will have an entire running installation of Joget. Browse to the installation at http://your_docker_host:8080/jw

Option 2: Run Joget with Separate MySQL and Data Volume

For better flexibility and manageability, you can run a Joget container separately from the database and shared data volume:

```
# create a volume container for shared data
docker volume create jogetdata

# run a MySQL database container
docker run -d --name jogetdb -p 3306:3306 -e MYSQL_ROOT_PASSWORD=jwdb -e MYSQL_USER=joget -e
MYSQL_PASSWORD=joget -e MYSQL_DATABASE=jwdb mysql:5.7

# run a Joget container
docker run -d --link jogetdb:jwdb --name joget -p 8080:8080 -e MYSQL_HOST=jwdb -e MYSQL_DATABASE=jwdb -e
MYSQL_PORT=3306 -e MYSQL_USER=joget -e MYSQL_PASSWORD=joget --mount source=jogetdata,target=/opt/joget/wflow
jogetworkflow/joget-enterprise
```

Browse to the installation at http://your_docker_host:8080/jw

Preserve MAC Address for Joget License

Once the docker instance is up, you may want to obtain the MAC address of the docker instance by using the following command.

```
sudo docker inspect --format='{{range .NetworkSettings.Networks}}{{.MacAddress}}{{end}}' joget
```

After you obtain the MAC address, you may preserve the MAC address the next time you create the same Joget instance again to ensure that Joget license tied to it continue to be valid.

```
docker run -ti --mac-address 00:00:00:00:00:11 -d -p 8080:8080 -v /var/lib/mysql --name joget3 jogetworkflow
/joget-enterprise
```