

# Docker Basics

Adfinis**sy**Group

Be smart. Think open source.

# Docker Hands On

## **Pull a Docker image**

Pull the centos image from Docker Hub

# Pull a Docker image

Pull the centos image from Docker Hub

```
docker pull centos
```

## **Pull a Docker image with a tag**

Pull the centos image with the tag 7 from Docker Hub

## Pull a Docker image with a tag

Pull the centos image with the tag 7 from Docker Hub

```
docker pull centos:7
```

## Run a command in a Docker image

Show the CentOS release of the centos image



# Run a command in a Docker image

Show the CentOS release of the centos image

```
docker run centos cat /etc/redhat-release
```

## **Run a command in a Docker image**

Show the CentOS release of the centos image with the tag 7

## Run a command in a Docker image

Show the CentOS release of the centos image with the tag 7

```
docker run centos:7 cat /etc/redhat-release
```

## **Expose a port in a container**

Run the the nginx image and expose port 80

# Expose a port in a container

Run the nginx image and expose port 80

```
docker run -p 8080:80 nginx  
xdg-open http://localhost:8080
```

## **Run a interactive shell in a Docker image**

Run a interactive shell in the centos image

# Run a interactive shell in a Docker image

Run a interactive shell in the centos image

```
docker run -it centos /bin/bash
```

## **And now for something completely different**

Run the anapsix/nyancat image interactively and delete it on exit



## And now for something completely different

Run the anapsix/nyancat image interactively and delete it on exit

```
docker run --rm -it anapsix/nyancat
```

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