

# Docker Cheat Sheet



The Docker CLI is the main CLI for Docker, includes all docker commands.

## Displaying environment information

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| <code>docker version</code> | Prints out the Docker version information |
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## Managing images and containers

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| <code>docker images</code> | Lists downloaded images |
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| <code>docker ps</code> | Lists running containers |
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| <code>docker rmi</code> | Removes images |
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| <code>docker rm</code> | Removes containers |
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## Building images

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| <code>docker build --secret id=GH_OWNER --secret id=GH_PAT -t playeconomy.azurecr.io/play.catalog:1.0.1 .</code> | Builds an image using the Dockerfile in the current directory and assigns it a tag that corresponds to the "play.catalog" repository, in the "playeconomy" ACR with version 1.0.1. |
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IT also passes in the "GH\_OWNER" and "GH\_PAT" secrets from corresponding environment variables.

## Running images

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| <code>docker run -it --rm -p 5000:5000 --name catalog -e MongoDBSettings__ConnectionString=[CONN_STRING] playeconomy.azurecr.io/play.catalog:1.0.1</code> | Runs a container named "catalog" from the playeconomy.azurecr.io/play.catalog:1.0.1 image, publishing port 5000 to the host. |
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It enables interactive mode (-it), configures the container to be removed when the process exists (--rm) and it also passes a value for the MongoDBSettings\_\_ConnectionString environment variable.

## Publishing images

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| <code>az acr login --name playeconomy</code> | Logs in to the "playeconomy" ACR through the Docker CLI |
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| <code>docker push playeconomy.azurecr.io/play.catalog:1.0.1</code> | Pushes image playeconomy.azurecr.io/play.catalog:1.0.1 to the "play.catalog" repository in the "playeconomy" ACR using version 1.0.1 |
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