



try  
dodker



An underwater scene with various types of coral and seaweed in shades of blue, green, and purple. Light rays filter down from the top. Bubbles are visible in the upper left and right areas.

Level 1 – Section 2

# Dockerfiles

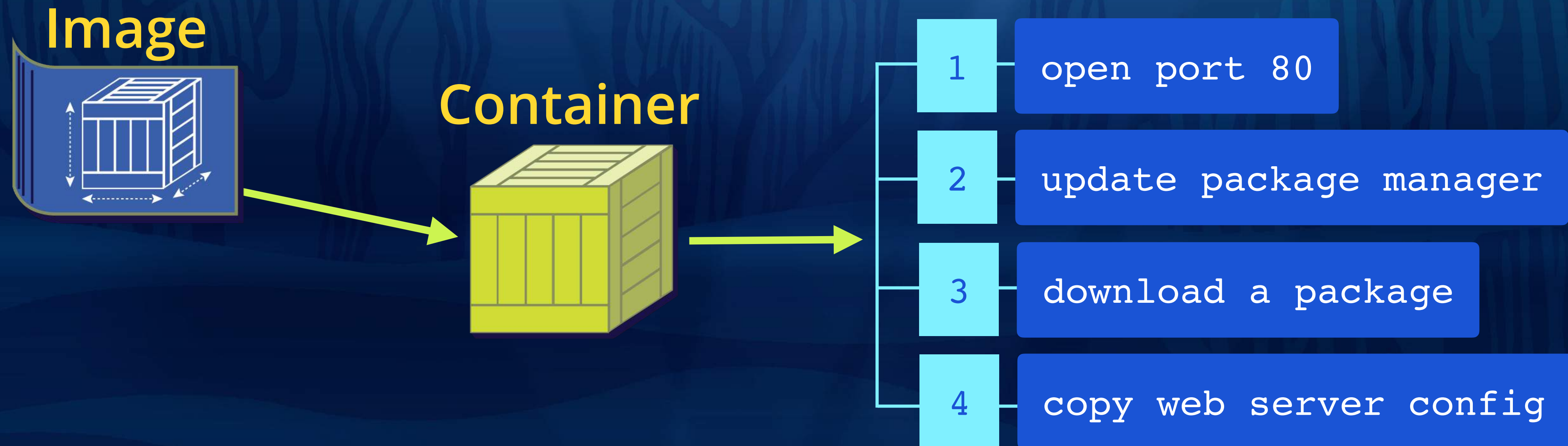
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Automating the Creation of Custom Images



# The Problem: Creating Containers Is Clunky

Creating containers from the command line works, but it quickly gets a little clunky the more customization that you need to do.

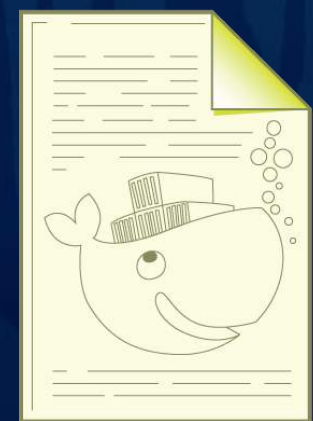


*Each step modifies  
the container a  
little bit*

*Dockerfiles help make  
this process slightly  
less manual*

# Dockerfiles Help You Create Images

A Dockerfile is a specially formatted text file where you can add a list of instructions that will run and result in a new image that can be used to make a container.



Dockerfile

1

open port 80

2

update package manager

3

download a package

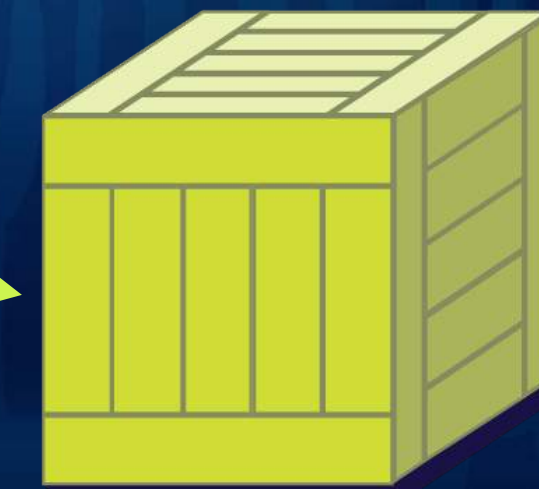
4

copy web server config

Image



Container



*The steps in a  
Dockerfile are run  
and turned into a  
single image*