



SESSION 9

INTRODUCTION TO HEROKU

HEROKU IS

An elastic multi-language
multi-framework Platform as a
Service

HEROKU IS

Heroku as part of the
Salesforce Platform

HEROKU FIRST CLASS LANGUAGES

Ruby, Node (JavaScript), Python & Java



HEROKU GIVES YOU...

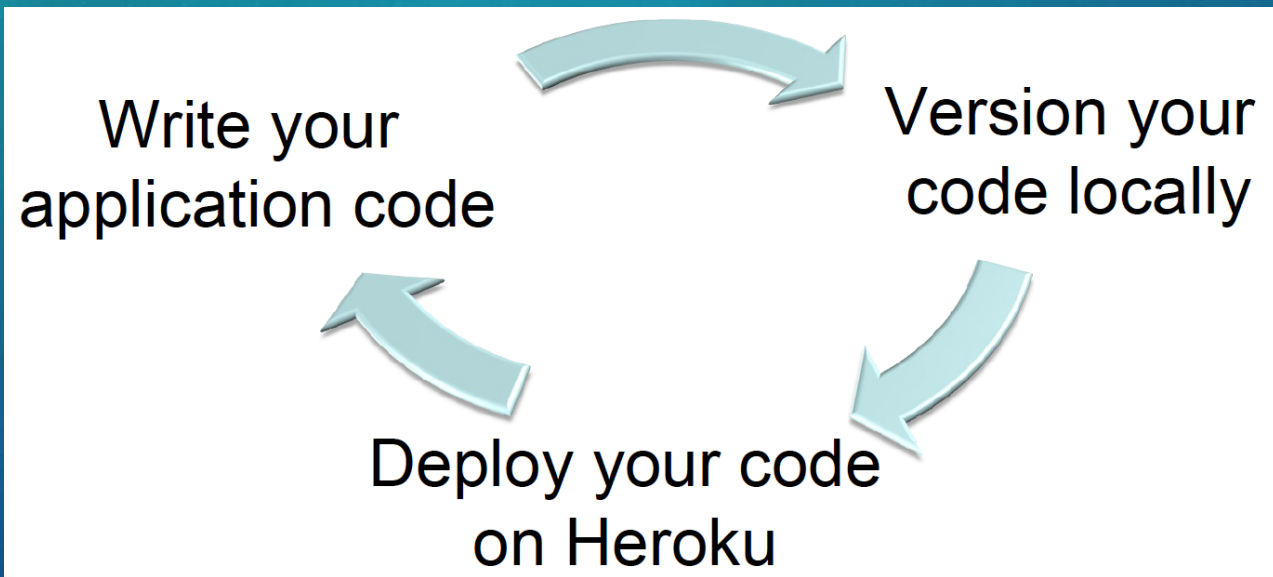
Developer driven deployment

Deploy using Git version control, the most popular tool for developers



HEROKU GIVES YOU...

Instant & continuous deployment



HEROKU GIVES YOU...

Repeatable & traceable deployment

Code commits drive application releases

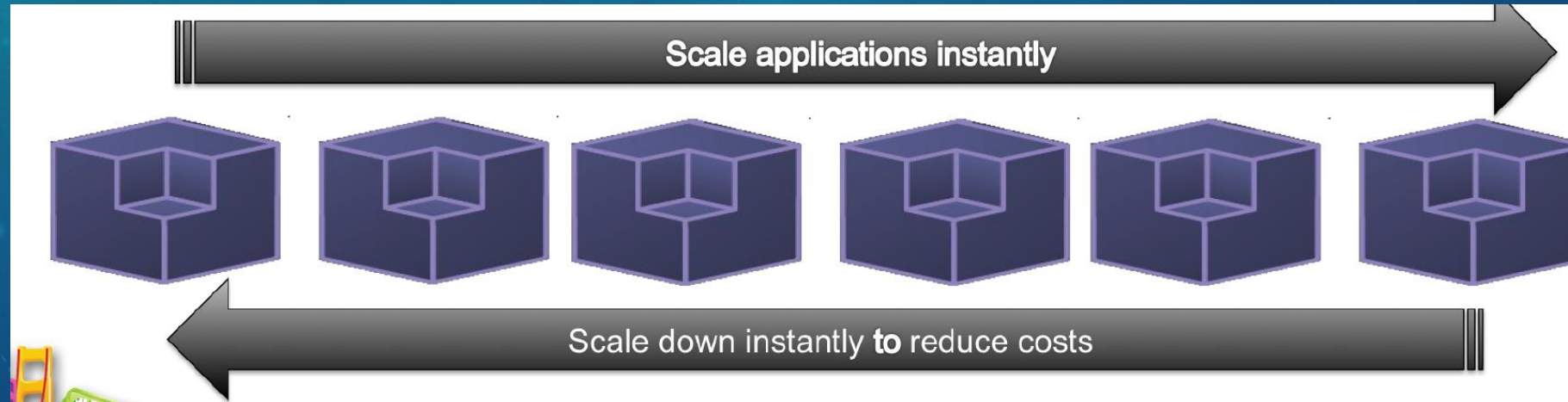
Easily manage versions across multiple environments
(dev, test, staging, production)

HEROKU GIVES YOU...

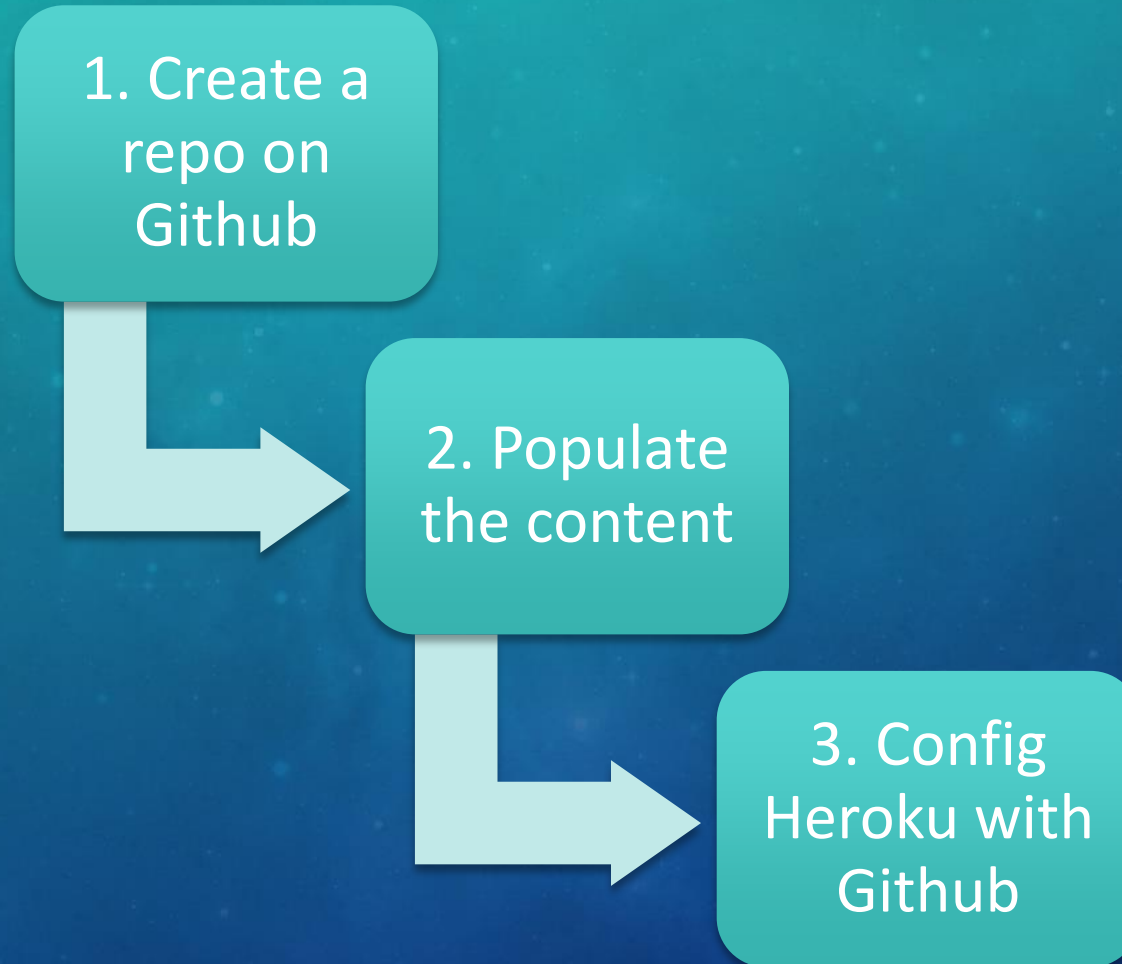
Elastic scaling of your applications

Instantly deploy your app over multiple Dynos

Scale down during quiet periods to save costs



HOSTING A PHP WEBSITE ON HEROKU



CREATE A REPO ON CLOUD

Create a New Repository

Name

SimpleWebsite

Description

Test with Heroku

Local

☒ /

No local changes

Would you like to [open this repository](#) in Finder?

☐

Git Ignore

None

License

None

Cancel

Create Repository

Click here to open
local folder

POPULATE CONTENT

- Inside the current repo which created in the previous step create a PHP file with content like this

```
<html>
<head>
  <title>PHP Test</title>
</head>
<body>
  <?php echo '<p>Hello World</p>'; ?>
</body>
</html>
```

Current Repository
SimpleWebsite

Current Branch
master

Fetch origin
Last fetched just now

Changes 2

History

index.php

2 changed files

.DS_Store

index.php

1 +<html>

2 + <head>

3 + <title>PHP Test</title>

4 + </head>

5 + <body>

6 + <?php echo '<p>Hello World</p>'; ?>

7 + </body>

8 +</html>

index.php created

newly added

Commit to master

1. Enter comment here

2. Click Commit

3. Click Fetch origin

Publish Repository

GitHub.com

Enterprise

Name

SimpleWebsite

Description

Test with Heroku

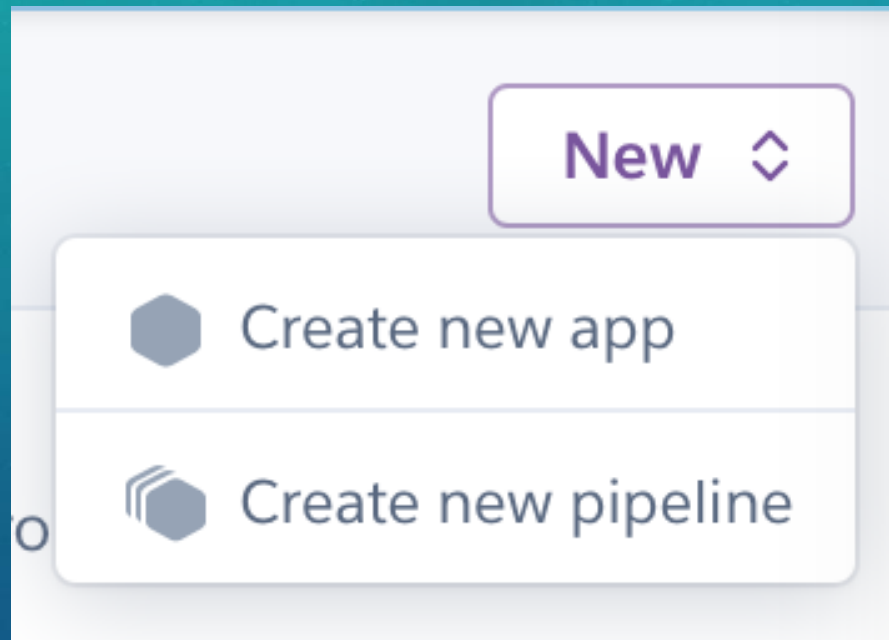
☐ Keep this code private

Cancel

Publish Repository

Click this button to
publish the local to Git

CONFIG HEROKU TO GITHUB



1. On Heroku Dashboard
click **New** then **Create
new app**

App name

simpleme212



simpleme212 is available

Choose a region



United States



Add to pipeline...

Create app

Deployment method



Heroku Git
Use Heroku CLI



GitHub
Connect to GitHub



Container Registry
Use Heroku CLI

Select GitHub
then Enter your
login credential

1. Enter Repo name and hit Search

2. Select this

Connect to GitHub

Connect this app to GitHub to enable code diffs and deploys.

Search for a repository to connect to

 BinhDoQuoc  Search

Missing a GitHub organization? [Ensure Heroku Dashboard has team access.](#)

 BinhDoQuoc/SimpleApp

Connect

 BinhDoQuoc/SimpleWebsite

Connect

CONFIG HEROKU TO GITHUB


Select this

Automatic deploys

Enables a chosen branch to be automatically deployed to this app.

Enable automatic deploys from GitHub

Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch is always in a deployable state and any tests have passed before you push. [Learn more](#).

 master

☐ Wait for CI to pass before deploy

Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys


Select this

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more.](#)

 master




Deploy Branch

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more.](#)

 master



Deploy Branch

Receive code from GitHub

Build **master** [Show build log](#)

Release phase

Deploy to Heroku

Your app was successfully deployed.

 View

Deployed successfully
Click here to view the
website

EXERCISE

- Make a change in Index.php file and deploy the changes on Heroku