

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...

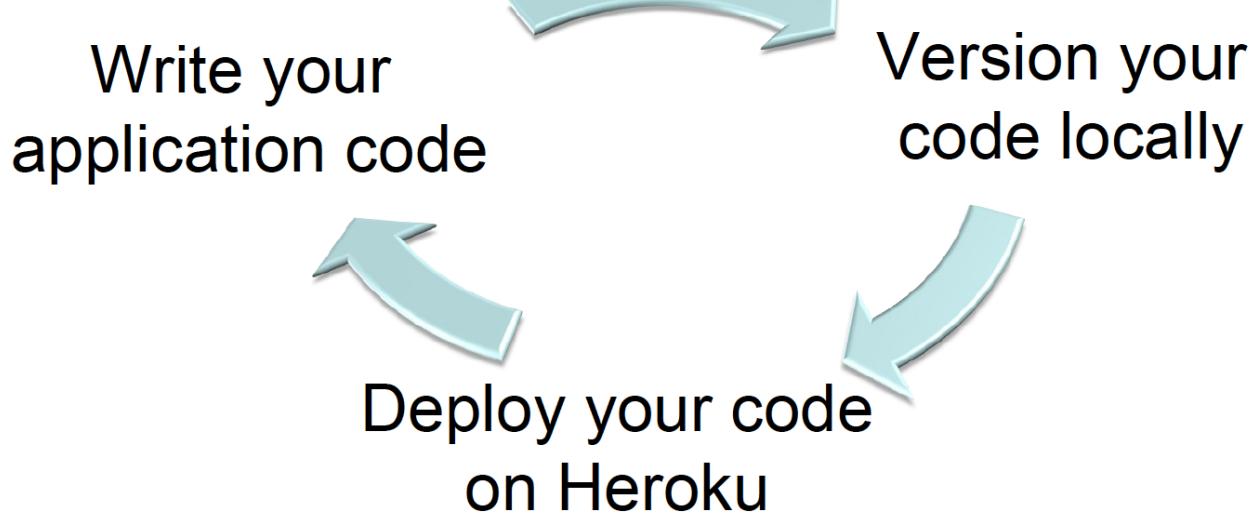
Developer driven deployment

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

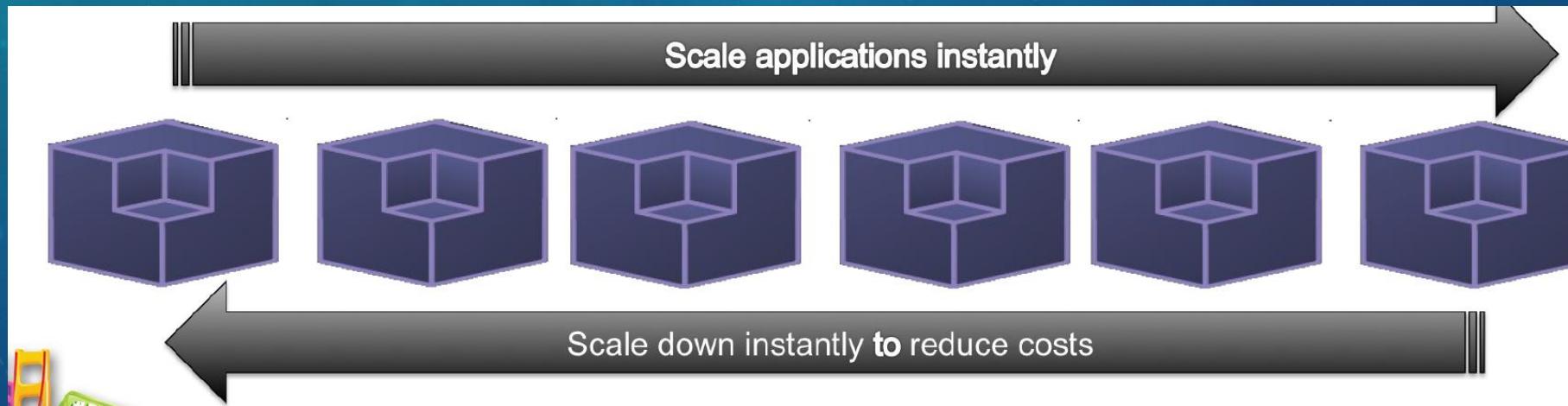
Easily manage versions across multiple environments
(dev, test, staging, production)

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

1. Create a
repo on
Github



2. Populate
the content



3. Config
Heroku with
Github

CREATE A REPO ON GITHUB

Create a New Repository X

Name

Description

Local folder
No local changes
 Would you like to [open this repository in Finder?](#)

Git Ignore

License

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>
```

The screenshot shows a Git commit interface with the following details:

- Current Repository:** SimpleWebsite
- Current Branch:** master
- Last fetched:** Fetch origin (just now)

Changes: 2 changed files

- .DS_Store** (new file)
- index.php** (new file)

index.php (Staged Changes):

```
@@ -0,0 +1,8 @@
+<html>
+  <head>
+    <title>PHP Test</title>
+  </head>
+  <body>
+    <?php echo '<p>Hello World</p>'; ?>
+  </body>
+</html>
```

Commit Message: index.php created

Buttons: Commit to master

A large green callout box contains the following steps:

1. Enter comment here
2. Click Commit
3. Click Fetch origin

Publish Repository

X

[GitHub.com](#)

[Enterprise](#)

Name

SimpleWebsite

Description

Test with Heroku

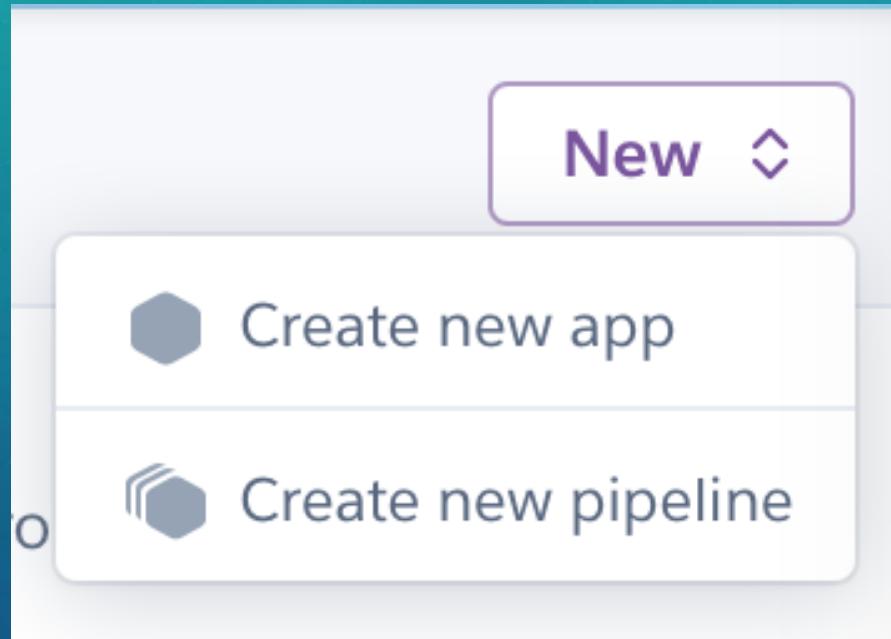
Keep this code private

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

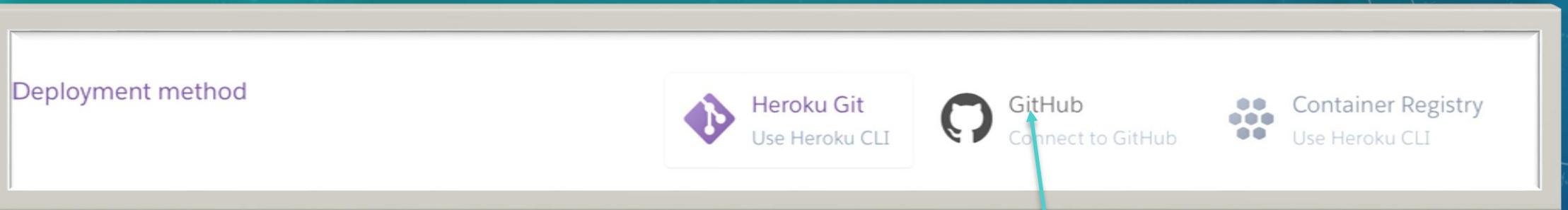


United States



 Add to pipeline...

Create app



Select GitHub
then Enter your
login credential

1. Enter Repo name and hit Search

2. Select this

The screenshot shows the 'Connect to GitHub' section of the Heroku Dashboard. On the left, a purple box contains the text '1. Enter Repo name and hit Search'. On the right, a teal box contains the text '2. Select this'. A large teal arrow points from the search input field to the 'Connect' button for the selected repository.

Connect to GitHub

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

Search for a repository to connect to

BinhDoQuoc simple

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

BinhDoQuoc/SimpleApp

BinhDoQuoc/SimpleWebsite

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