Session 9

Introduction to Heroku

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Heroku is

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

Heroku is

Heroku as part of the Salesforce Platform

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Heroku first class languages

Ruby, Node (JavaScript), Python & Java

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Heroku gives you...

Developer driven deployment

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

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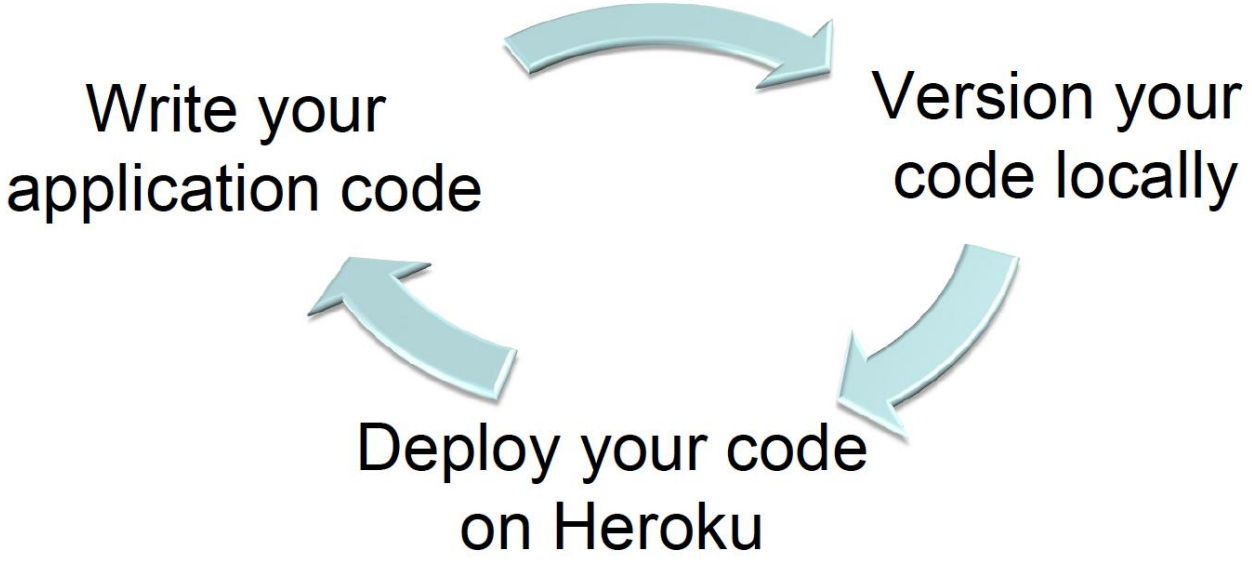
Heroku gives you...

Instant & continuous deployment



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Heroku gives you...

- Repeatable & traceable deployment
- Code commits drive application releases
- Easily manage versions across multiple environments (dev, test, staging, production)

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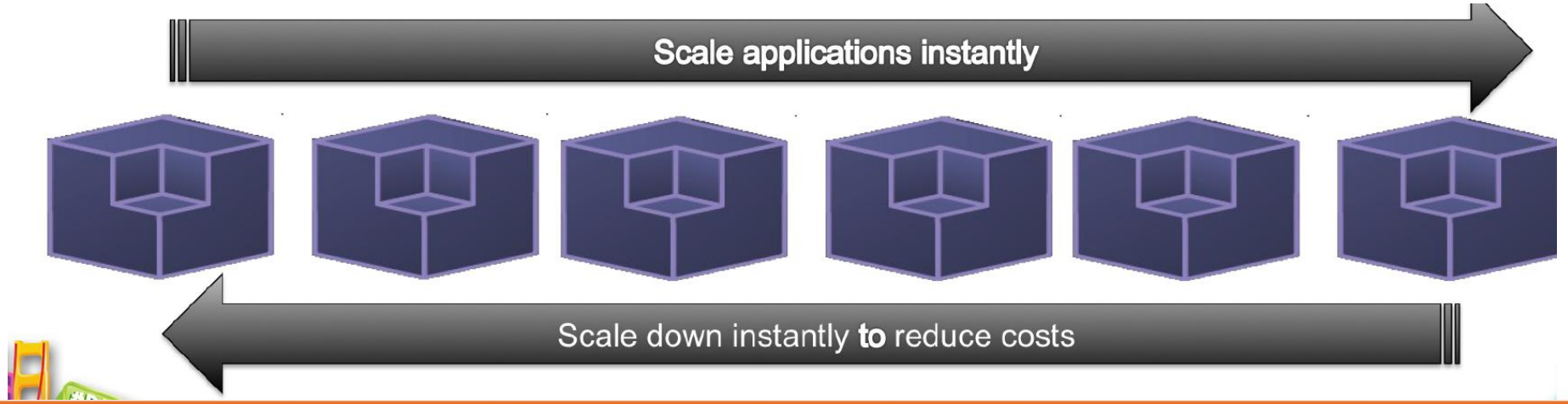
Heroku gives you...

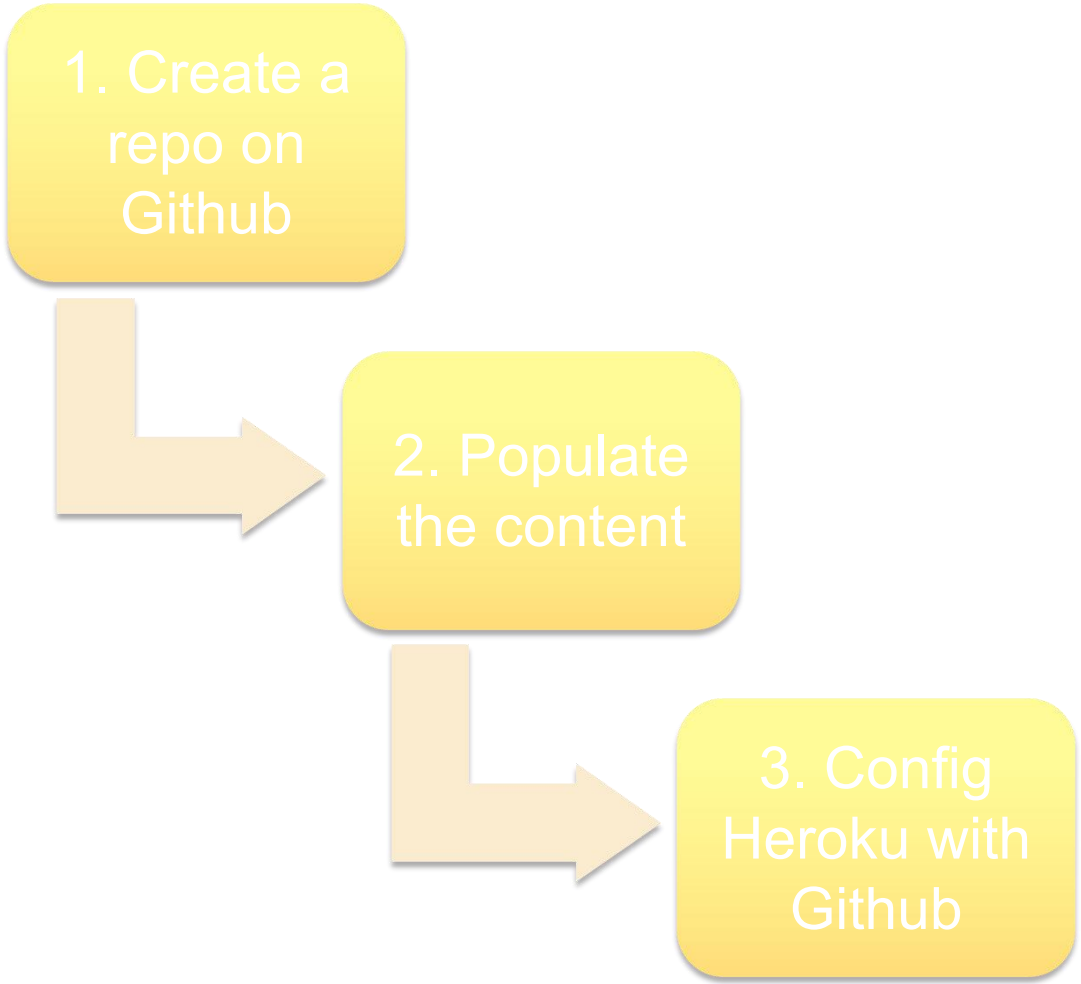
Elastic scaling of your applications

Instantly deploy your app over multiple Dynos

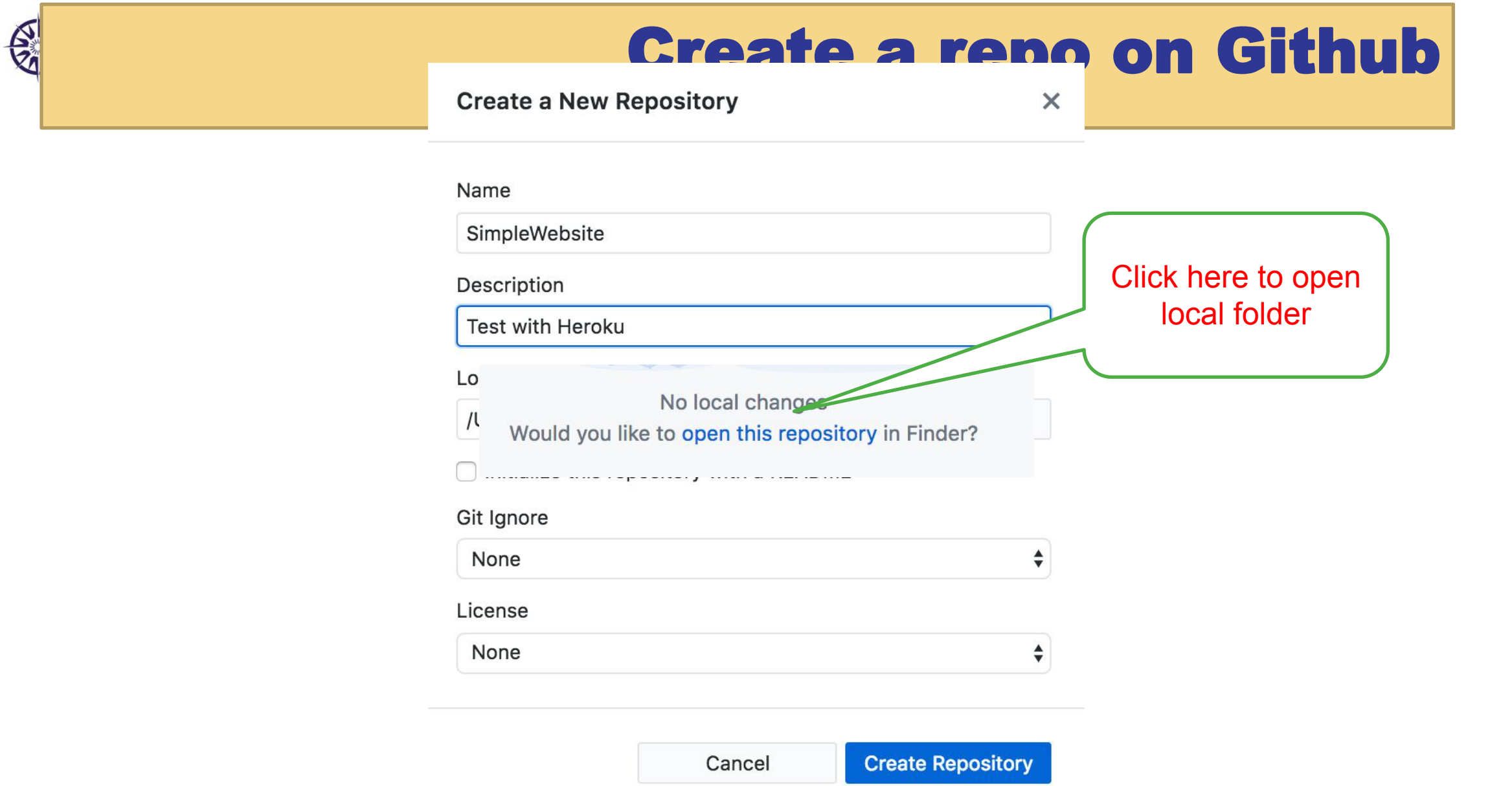
Scale down during quite periods to save costs



Hosting a PHP website on Heroku



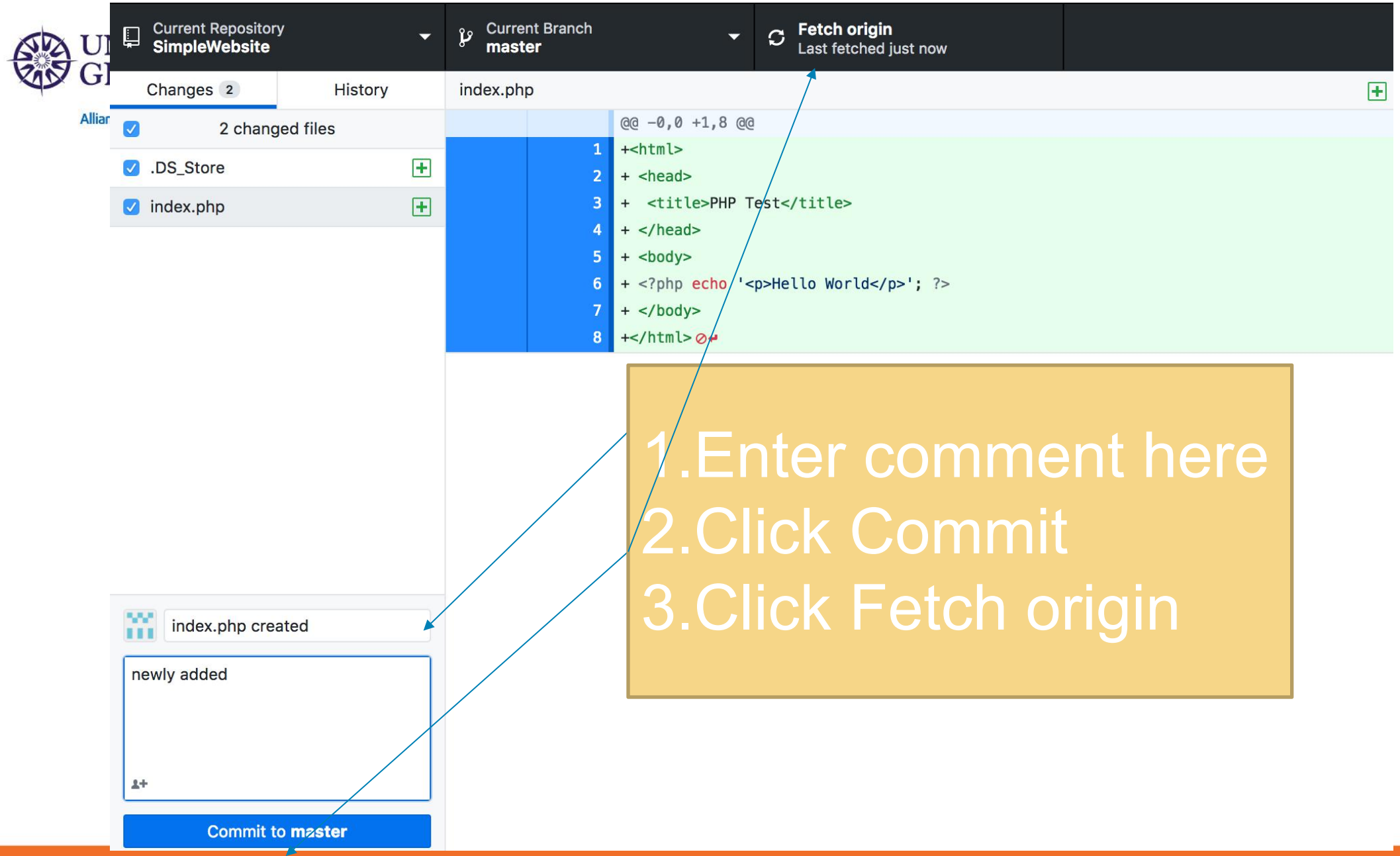
Create a repo on Github



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
2 changed files
.DS_Store
index.php
index.php
@@ -0,0 +1,8 @@
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

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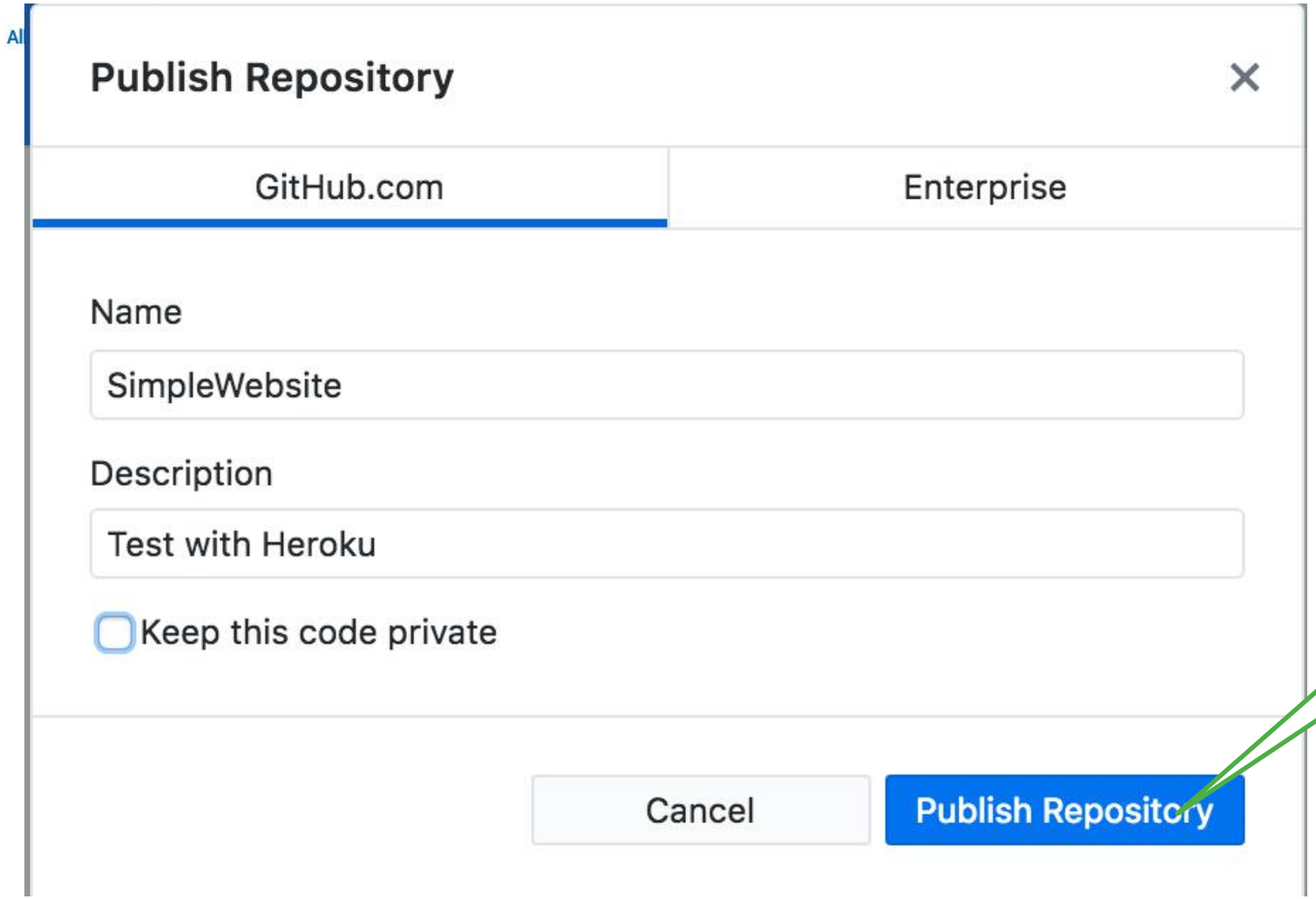

Click this button to publish the local to Git

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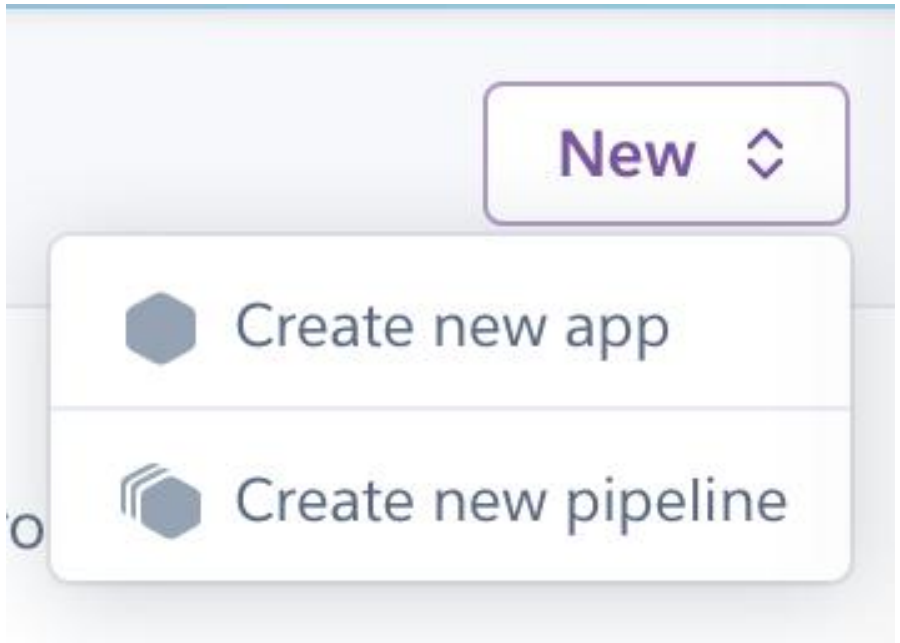
Config Heroku to Github



1. On Heroku Dashboard click New then Create new app

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App name

simpleme212

simpleme212 is available

Choose a region

United States

Add to pipeline...

Create app

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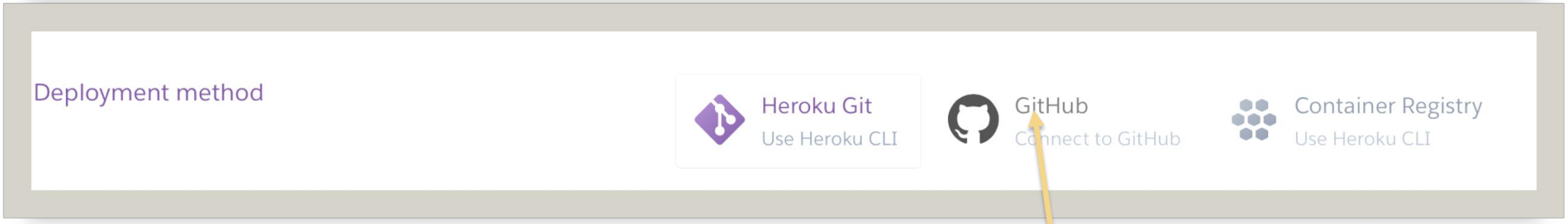

Select GitHub then Enter your login credential

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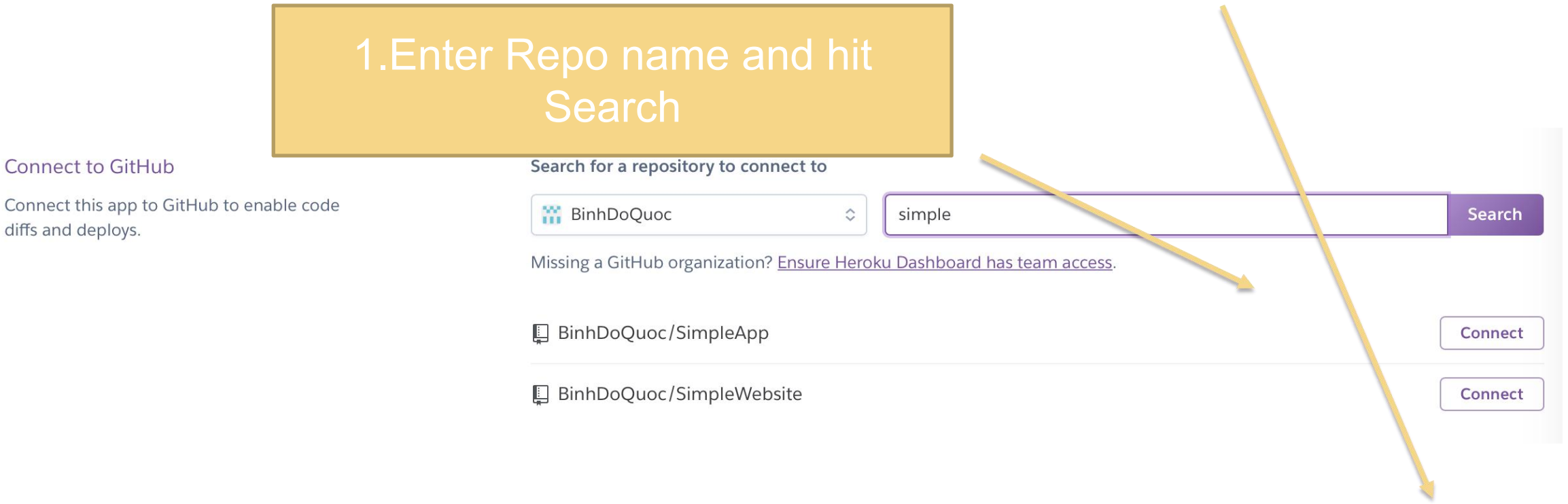
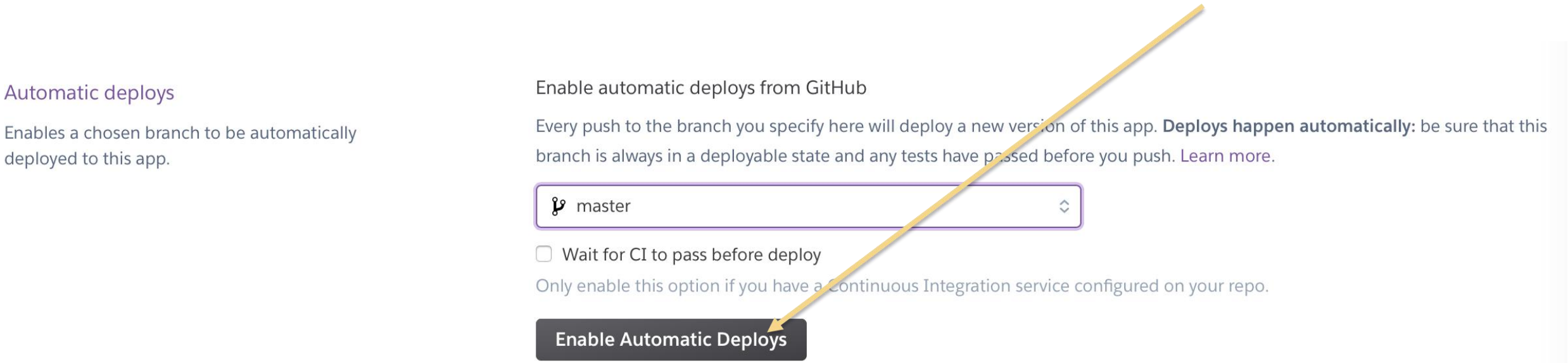
2. Select this

1.Enter Repo name and hit Search



Config Heroku to Github

Select this



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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

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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