



Deployment of code using Buddy

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Agenda

- Introduction, why this presentation is important
- What is Buddy?
- Why use Buddy?
- Deploy automatically to Heroku via Buddy



Intro: Why Deployment with Buddy is Important/beneficial?

- Let other users benefit from what we have created
- It enables automated deployment of application
- New features and fixes reach customers quickly
- Quick feedback





Too many
options...

What is Buddy?

- Online CI/CD tool
- Creating pipelines
- Easy to use interface
- Deployment tool



Buddy

Why Buddy?

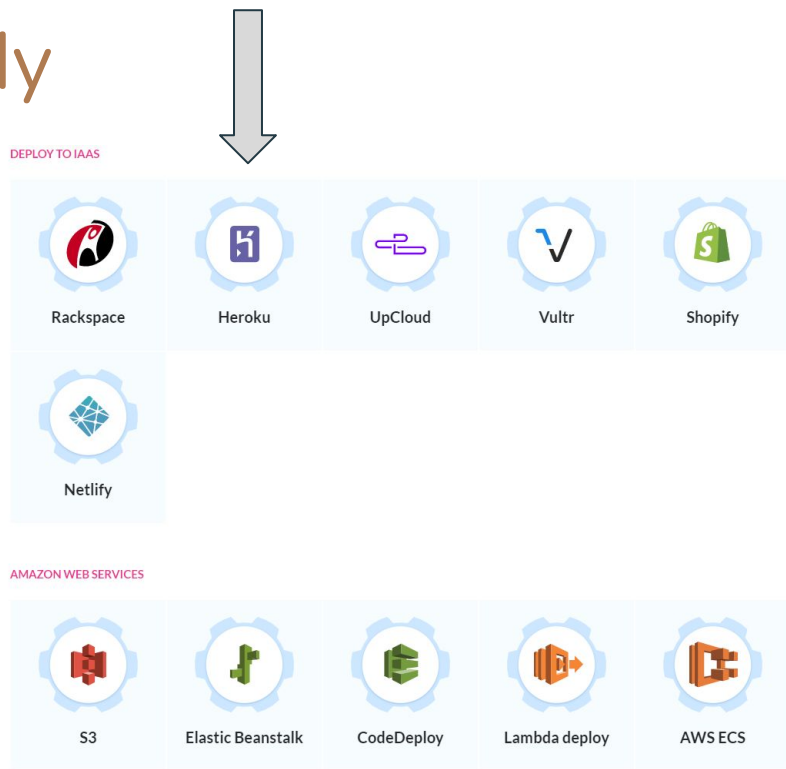
- Online = No download
- Deployment and CI in one
- Easy connection to Github
- Rather easy setup for deployment
- Many different deployment options



Buddy

Deployment with Buddy

- An action in the end of the CI/CD pipeline
- Triggered for instance by a push
- Many different options



Deploy to Heroku via Buddy

- What is Heroku?
 - Cloud Paas (Platform as a service)
- Why Heroku?
 - No need for complicated configuration
 - Very easy to deploy using Heroku Git (CLI)



Deploy automatically to Heroku via Buddy (Beginner Friendly)

- Create account on Buddy and Heroku, and install Heroku CLI
- Create Heroku app
- Connect your Github repo to Buddy
- Start building a pipeline

Add a new action to MyFirstDeploy



Filter actions... (ex: FTP, Heroku, SSH, build)

SUGGESTIONS



Deploy automatically to Heroku via Buddy

The screenshot displays the Buddy CI/CD interface. On the left is a sidebar with navigation links: Pipelines, Code, Variables, Keys & Assets, Integrations, Queue, Activity, Team, Project Settings, Billing (with an Upgrade button), and Docs & Support. The main content area is titled 'Deploy to blooming-tundra-22239' and features three tabs: Setup (selected), Condition, and Settings. Under the 'Setup' tab, there are two sections: 'WHERE TO UPLOAD' and 'OPTIONS'. The 'WHERE TO UPLOAD' section includes an 'Integration' dropdown set to 'HerokuTest' and an 'Application' dropdown set to 'blooming-tundra-22239', with a 'Refresh' link next to the application dropdown. The 'OPTIONS' section contains three checkboxes: 'Don't deploy changes made by previous actions', 'Use custom .gitignore', and 'Without force', all of which are currently unchecked. At the bottom of the main area are 'Cancel' and 'Save this action' buttons. A small chat icon is visible in the bottom right corner.

gradle-getting-... ▾

Project

Pipelines

Code

Variables, Keys & Assets

Integrations

Queue

Activity

Team

Project Settings

Billing [Upgrade](#)

Docs & Support

Deploy to blooming-tundra-22239

Setup Condition Settings

WHERE TO UPLOAD

Integration

HerokuTest ▾

Application [Refresh](#)

blooming-tundra-22239 ▾

OPTIONS

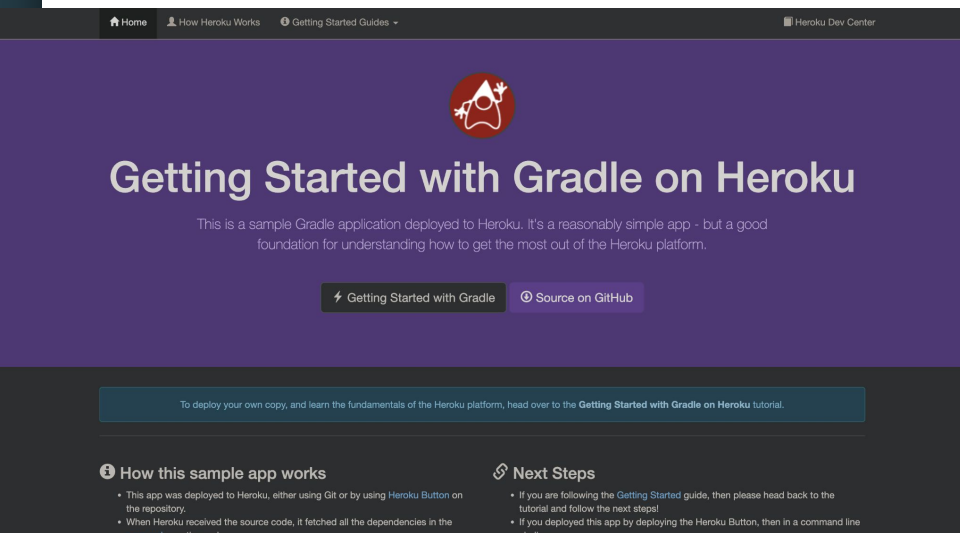
☐ Don't deploy changes made by previous actions

☐ Use custom .gitignore

☐ Without force

[Cancel](#) [Save this action](#)

Deploy automatically to Heroku via Buddy



Getting Started with Gradle on Heroku

This is a sample Gradle application deployed to Heroku. It's a reasonably simple app - but a good foundation for understanding how to get the most out of the Heroku platform.

[Getting Started with Gradle](#) [Source on GitHub](#)

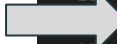
To deploy your own copy, and learn the fundamentals of the Heroku platform, head over to the [Getting Started with Gradle on Heroku tutorial](#).

How this sample app works

- This app was deployed to Heroku, either using Git or by using [Heroku Button](#) on the repository.
- When Heroku received the source code, it fetched all the dependencies in the `pom.xml` and created a `fat-jar`.

Next Steps

- If you are following the [Getting Started guide](#), then please head back to the tutorial and follow the next steps!
- If you deployed this app by deploying the [Heroku Button](#), then in a command line shell run:



```
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org" th:replace="~{fragments/layout.html"}>
3
4 <body>
5
6 <div class="jumbotron text-center">
7   <div class="container">
8     <a href="/" class="lang-logo">
9       
10    </a>
11    <h1>Getting Started with Gradle on Heroku</h1>
12    <p>This is a sample Gradle application deployed to Heroku. It's a
13    <a type="button" class="btn btn-lg btn-default" href="https://devcenter.heroku.com/articles/getting-started-with-gradle">
14    <a type="button" class="btn btn-lg btn-primary" href="https://github.com/heroku/heroku-button">
15  </div>
16 </div>
17 <div class="container">
18   <div class="alert alert-info text-center" role="alert">
19     To deploy your own copy, and learn the fundamentals of the Heroku
```

Deploy automatically to Heroku via Buddy

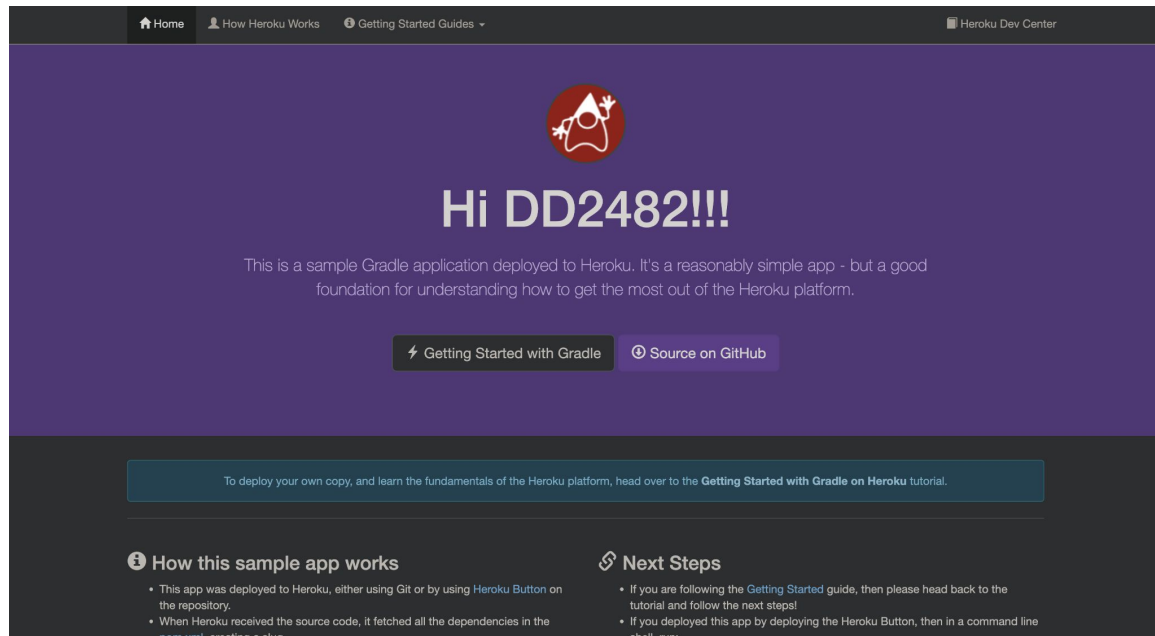
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7  <div class="container">
8  <a href="/" class="lang-logo">
9  
10 </a>
11 <h1>Hi DD2482!!!</h1>
12 <p>This is a sample Gradle application deployed to Her
13 <a type="button" class="btn btn-lg btn-default" href="
14 <a type="button" class="btn btn-lg btn-primary" href="
15 </div>
16 </div>
17 <div class="container">
18 <div class="alert alert-info text-center" role="alert">
19 To deploy your own copy, and learn the fundamentals of
```



Git push




Deploy automatically to Heroku via Buddy



The screenshot shows a web application running on Heroku. The page has a dark purple header with navigation links: Home, How Heroku Works, Getting Started Guides, and Heroku Dev Center. The main content area is a darker purple and features a red circular logo with a white rocket ship icon. Below the logo, the text 'Hi DD2482!!!' is displayed in large white font. A paragraph of text explains that this is a sample Gradle application. Two buttons are present: 'Getting Started with Gradle' and 'Source on GitHub'. A teal box contains a link to the 'Getting Started with Gradle on Heroku' tutorial. The footer is divided into two sections: 'How this sample app works' and 'Next Steps', each with a list of bullet points.

Home How Heroku Works Getting Started Guides Heroku Dev Center



Hi DD2482!!!

This is a sample Gradle application deployed to Heroku. It's a reasonably simple app - but a good foundation for understanding how to get the most out of the Heroku platform.

[Getting Started with Gradle](#) [Source on GitHub](#)

To deploy your own copy, and learn the fundamentals of the Heroku platform, head over to the [Getting Started with Gradle on Heroku](#) tutorial.

How this sample app works

- This app was deployed to Heroku, either using Git or by using [Heroku Button](#) on the repository.
- When Heroku received the source code, it fetched all the dependencies in the `gemspec` file.

Next Steps

- If you are following the [Getting Started](#) guide, then please head back to the tutorial and follow the next steps!
- If you deployed this app by deploying the Heroku Button, then in a command line shell run:

Deploy automatically to Heroku via Buddy

The screenshot displays the Buddy web interface for a project named "gradle-getting-...". The left sidebar contains navigation links: Pipelines, Code, Variables, Keys & Assets, Integrations, Queue, Activity, Team, Project Settings, Billing (with an Upgrade button), and Docs & Support. The main content area shows a pipeline named "Deploy to Heroku" for the "master" branch, which was triggered by a git push 2 hours ago. Below the pipeline name are tabs for Runs, Actions, Filesystem, Variables, Analytics, and Settings. The "Runs" tab is active, showing a list of runs under the heading "TODAY". One run is listed: "Run #1: Edit text" for the "master" branch, which completed successfully with a duration of 00:59. A "Run" button is visible in the top right corner of the pipeline view.

Deploy automatically to Heroku via Buddy

[illegible]

Disadvantages with Buddy

- It can be pricey depending on what you wanna do
- Can be seen as a blackbox



Menti Question

Go to www.menti.com and use the code

3176 6915



Take Home Message

- Buddy is an online CI/CD tool
- Buddy enables quick delivery of new features and fixes to customers
- Buddy is a good choice for beginners with its easy to use interface and setup

