

# Deploying your apps with Travis & Jenkins

## Contact Info

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## 1 Overview

There are countless ways to have an application in the hands of your users. Software-as-a-Service applications, manual uploading, creating an installer, packaging, and archiving are just some of the ways you can deliver your software, better known as **deployment**. The work can often be repetitive, but this also means it can be automated. In the age of rapid feature delivery, Continuous Integration & Delivery (DevOps) tools such as Travis and Jenkins allow you to automate the delivery of your software with only a few steps, turning a potentially hours-long process into a seconds-long one. This course will introduce you to simplifying the headache of go-live with continuous delivery.

## 2 Duration

This is a 4-hour course.

## 3 Objectives

- Learn about continuous delivery
- Understand how to deliver software in the open source instance of Travis CI
- Install Jenkins CI in Linux
- Understand how to deliver software in Jenkins

## 4 Key Takeaways

After this course, you will be able to:

- Install Jenkins
- Create a Jenkins project
- Create a Travis project
- Manually and automatically (e.g. with Git) build and deploy an application

## 5 Prerequisites

- Working knowledge of Git and Github

## **6 Required Materials**

For this, you will need the following:

- Workbook (provided)
- A laptop with Docker installed

## **7 Schedule/Topics Discussed**

- What is continuous development/integration?
- Travis: registration, uses, configuration, deployment
- Jenkins: installation (normal and via Docker), configuration, plugins, deployment