Threading DevOps Practices Through a University Software Engineering Programme

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Continuous Delivery

Build → Test → Deploy

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Continuous Deployment

Build

Test

Deploy

AUTOMATIC!

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DevOps and Continuous Delivery

CO261 - Second Year Computing Laboratory
Department of Computing
Imperial College London
13th – 17th January 2020

For this laboratory exercise, you should work in groups of 4 people.

Aims

- To gain knowledge of and experience with Continuous Delivery pipelines;
- To experiment with some popular DevOps tools, like GitLabCI, Heroku and Docker;
- To gain some familiarity with system administration tasks.

A (flash) Introduction to DevOps and Continuous Delivery

In order to make sense of this assignment and its importance, let’s try to understand what DevOps and Continuous Delivery actually mean, and how they relate to one another.
Welcome!

Enter your query in the box below:

shakespeare

Submit

William Shakespeare (26 April 1564 - 23 April 1616) was an English poet, playwright, and actor, widely regarded as the greatest writer in the English language and the world's pre-eminent dramatist.

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Stage 1

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Stage 2
Stage 3
- 1 week, groups of 4
- 3 x 2h support sessions
- 20min interactive review assessment
DevOps and Continuous Delivery

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Thank you!