Course 1 - Lesson 2 - DevOps Intro

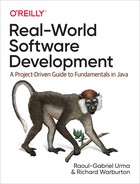
# Books / References / Links

**Books**

* **Effective DevOps** by Jennifer Davis, Ryn Daniels  
  [O'reilly learning link](https://learning.oreilly.com/library/view/effective-devops/9781491926291/)
* **Real world software development** by Raoul-Gabriel Urma, Richard Warburton

[O'reilly learning link](https://learning.oreilly.com/library/view/real-world-software-development/9781491967164/)





**DevOps, how it all started**

* <https://blog.newrelic.com/engineering/devops-name/>
* Original flickr presentation in 2007 : <https://www.slideshare.net/jallspaw/10-deploys-per-day-dev-and-ops-cooperation-at-flickr>

**Keep up with Devops**

* [2020 status of devops report](https://puppet.com/resources/report/2020-state-of-devops-report/)

**Devops Use cases**

* [16 Popular DevOps Use Cases & Real Life Applications [2021]](https://www.upgrad.com/blog/devops-use-cases-applications/)
* <https://dzone.com/articles/devops-use-cases>
* [The Most Logical Federal Use Cases for DevOps](https://fedtechmagazine.com/article/2020/03/most-logical-federal-use-cases-devops)
* How amazon embraced devops
  + <https://api-university.com/blog/the-api-mandate/> - Bezos memo

**DevSecOps**

* [What is devsecops](https://www.redhat.com/en/topics/devops/what-is-devsecops)

## Handy Links

**Cheat Sheets**

Linux

* Simplilearn linux cheatsheet (LMS → Self paced learning → at the bottom)
* <https://www.guru99.com/linux-commands-cheat-sheet.html>
* <https://phoenixnap.com/kb/linux-commands-cheat-sheet>

Git

* [Git cheat sheet](https://www.atlassian.com/git/tutorials/atlassian-git-cheatsheet)

# DevOps practitioners' guide



# How Software is Delivered



# Tools Being Used

* JIRA
* GIT
* Jenkins
* SonarQube
* Mercurial
* Bitbucket / github
* Confluence
* Docker
* Kubernetes
* NExus
* Ansible
* VS Code
* Coverity
* SVN
* NET core

# Incorporating Security as part of Dev Cycle

Web security scanner : <https://www.zaproxy.org/> (ZED)

Check for SQL injection vulnerabilities



**DevSecOps in Logging**

Sensitive data can leak in logging

Printing out the response

User: teddy123 logged in with password: iLikeHugs