

Integrating Docker with DevOps Automated Workflows

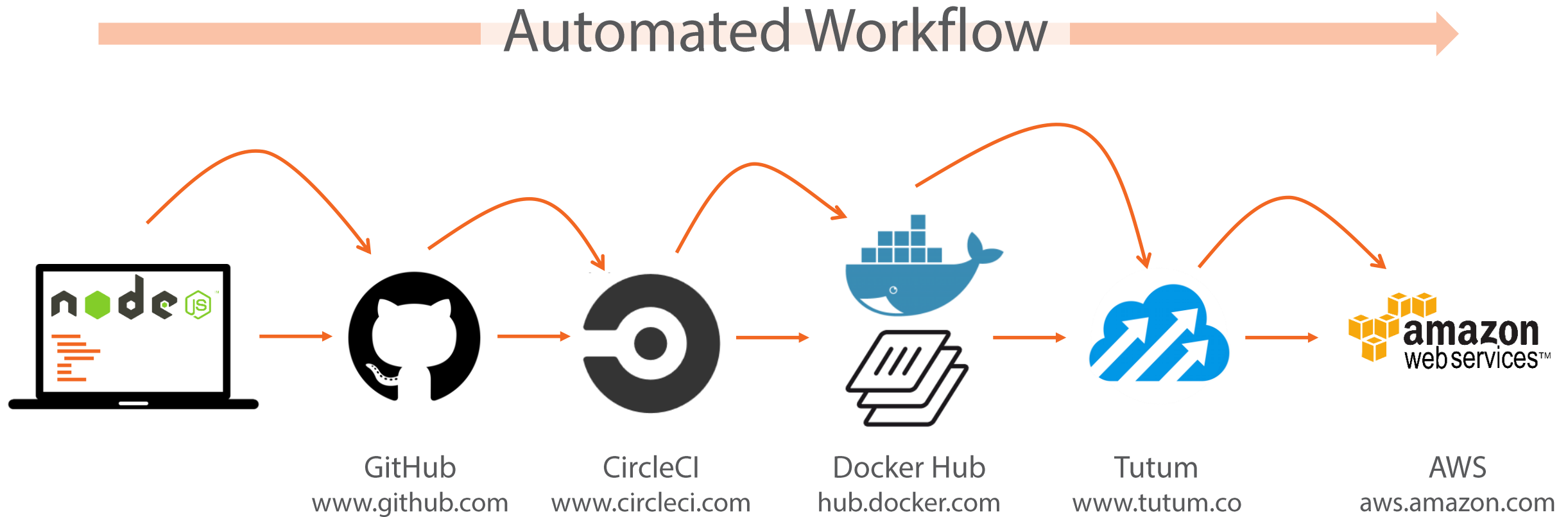
Course Introduction



Nigel Poulton

@nigelpoulton | www.nigelpoulton.com

Course Overview



Dockerized App

An app configured to run in container(s)

Dockerfile

Configuration file containing instructions on how to build a Docker image.

19 lines (12 sloc) | 0.358 kB

```
1 FROM centos:centos6
2
3 MAINTAINER nigelpoulton@hotmail.com
4
5 # Enable EPEL for Node.js
6 RUN rpm -Uvh http://download.fedoraproject.org/pub
7
8 # Install Node...
9 RUN yum install -y npm
10
11 # Copy app to /src
12 COPY . /src
13
14 # Install app and dependencies into /src
15 RUN cd /src; npm install
16
17 EXPOSE 8080
18
19 CMD cd /src && node ./app.js
```

Pre-reqs

Docker Deep Dive

Learn everything you need to know to get yourself up and running and comfortable with Docker.

by Nigel Poulton

Table of contents [Expand all](#)

[Start free trial now](#)

▶	Course Introduction	10:30
▶	Introducing Containers	32:32
▶	Installing Ubuntu Linux and CentOS Linux	13:53
▶	Installing and Updating Docker	30:02
▶	Major Docker Components	26:00
▶	A Closer Look at Images and Containers	34:43
▶	Container Management	28:28
▶	Building from a Dockerfile	19:25
▶	Working with Registries	27:24
▶	Diving Deeper with Dockerfile	41:56
▶	Docker Networking	30:39
▶	Troubleshooting	26:18

Course content

[▶ Table of contents](#)[“” Description](#)[📄 Exercise files](#)[📝 Assessment](#)[💬 Discussion](#)

More info

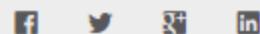
Level **Intermediate**

Rating ★★★★★

Duration **5h 36m**

Released **28 Jan 2015**

Features **CC**



Tags

Course Pre-reqs

Basic understanding of

- Docker
- Continuous Integration (CI)
- Continuous Delivery (CD)

Coming Up Next...

A quick run through our sample app