Cloud Native Workshop
Prerequisites

<u>PCF Apps Manager:</u>

1. Navigate in a web browser to Pivotal's hosted Cloud Foundry, Pivotal Web Services (PWS) here: http://run.pivotal.io/
2. Login with your account or signup for a free account and follow the prompts.
3. Ensure that you have access to the site and can login.

<u>Cloud Foundry CLI:</u>

1. If you haven't already, download the latest release of the Cloud Foundry CLI from https://github.com/cloudfoundry/cli/releases for your operating system and install it.
2. If you don't have permissions to run the installer, you can try downloading the binary for your operating system instead and executing it from the command line directly.
3. Set the API target (URL) for the CLI to PWS:

```
Raviteja-Appalla-MacBook-Pro:Demos rappalla$ cf api api.run.pivotal.io
Setting api endpoint to api.run.pivotal.io...
OK


API endpoint:   https://api.run.pivotal.io (API version: 2.58.0)
```

4. Login to Pivotal Cloud Foundry with your credential from above and follow the prompts:

```
Raviteja-Appalla-MacBook-Pro:Demos rappalla$ cf login
API endpoint: https://api.run.pivotal.io

Email> rappalla@pivotal.io

Password>
Authenticating...
OK
```

<u>Optional Step:</u>

5. If you have an HTTP proxy server on your network between a host running the cf CLI and your Cloud Foundry API endpoint, you must set https_proxy with the hostname or IP address of the proxy server.

   https_proxy is set with hostname or IP address of the proxy server in URL format:
   https_proxy=http://proxy.example.com
   If the proxy server requires a user name and password, include the credentials:
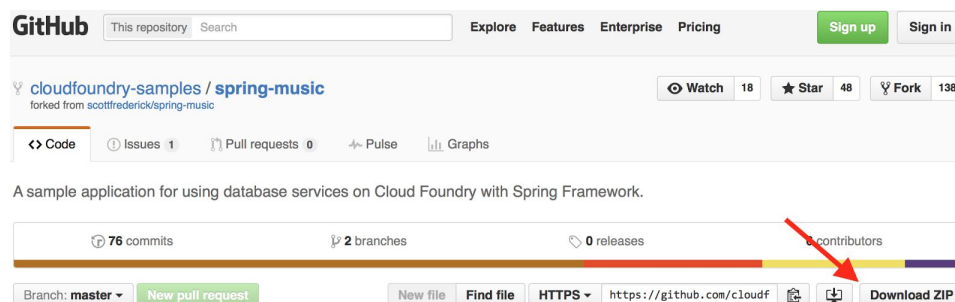   *https_proxy=http://username:password@proxy.example.com*

   If the proxy server uses a port other than 80, include the port number:
   https_proxy=http://username:password@proxy.example.com:8080

<u>GitHub:</u>

1. Navigate in a web browser to GitHub here: https://github.com/
2. Ensure that you have access to the site by downloading (either clone the repo if you have git, or just download the zip file) Spring Music from here: https://github.com/cloudfoundry-samples/spring-music.

Cloud Native Workshop

Cincinnati - Aug 10th - 8:00 AM - 3:00 PM

Agenda

Join Pivotal for a hands-on workshop to introduce key concepts in modern cloud native application development and delivery. This one-day workshop will cover general cloud native application trends and principles, an overview of Cloud Foundry and relevant Spring projects, and how you can get involved as we go on this cloud native journey.

Learn production-ready techniques for developing and deploying cloud native applications using industry best practices, Spring Boot, and Pivotal Cloud Foundry. You will also get hands-on, with technical labs in this session.

Space is limited. Reserve your seat today.

Date and Location
Date: Wed, 8/24/2016. 8:00AM to 3PM CST
Location: Cincinnati, OH (Meeting Room?)
Address: Great American Insurance 49 E Fourth St, Cincinnati, OH 45202

Agenda & Speakers

Agenda:

8:00 AM - 8:30 AM	Breakfast and Kickoff
			Enjoy breakfast with the team
8:30 AM - 9:15 AM	Cloud Native Introduction
			Industry Trends and Overview including: 12 Factor
			Apps, Microservices and Cloud Platforms

9:15 AM - 10:15 AM	Cloud Native Platform
	An overview of Pivotal Cloud Foundry (PCF) and its Architecture
10:15AM - 10:30 AM	Break
10:30 AM - 11:00 PM	Cloud Native .NET
	Architecture, Cloud Native Antipatterns, Demo and Roadmap
	Architecture and Deployment
11:00 PM - 12:00 PM	The Cloud Native Enterprise
	Devops, Continuous Delivery, Microservices, what's new, what isn't, what matters
12:00 PM - 1:00 PM	Lunch
	Lunch will be provided
1:00 PM - 2:30 PM	Developer Workshop
	Hands-on pushing code with PCF
	Break as needed
2:30 PM - 3:00 PM	Wrap Up, Q&A, Feedback

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