

Spring Cloud Fundamentals

GETTING FAMILIAR WITH SPRING CLOUD



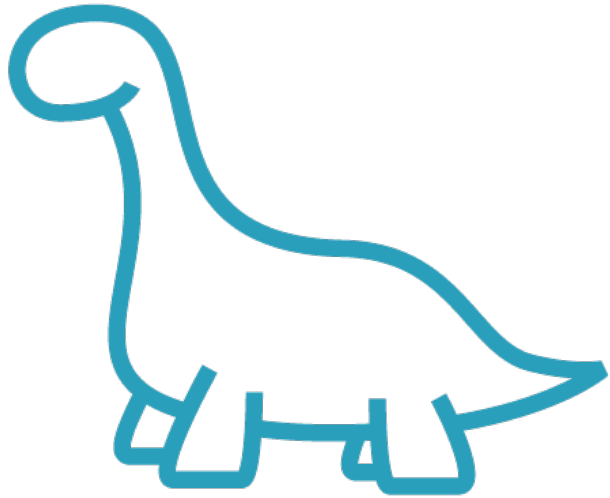
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"The Cloud" and All Its Hype



Game Changer!



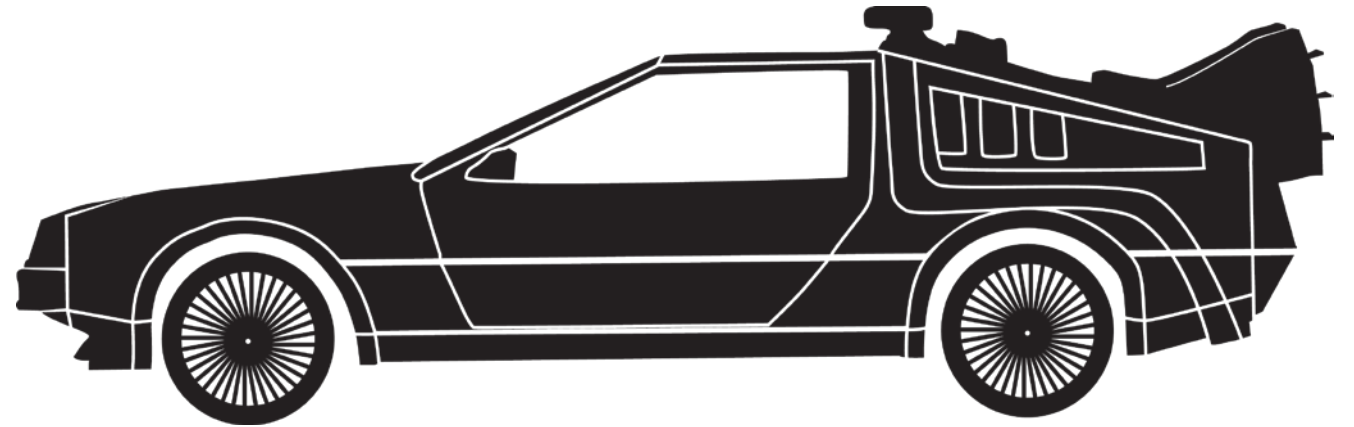
The magical solution to everything!

Exciting times ahead!

Changing the way we
build software

Centralized to
distributed

Finite to infinite



New Challenges



Think differently

Different architecture and design

The cloud is elastic & ephemeral

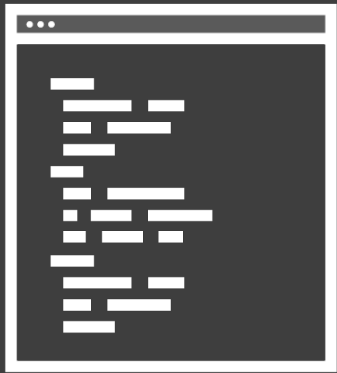
Resources like databases, servers, disks

Grow and shrink

Appear and disappear

“Lift & Shift” Migration Is Not the Way

Existing Application





Fully utilizing the cloud requires change!



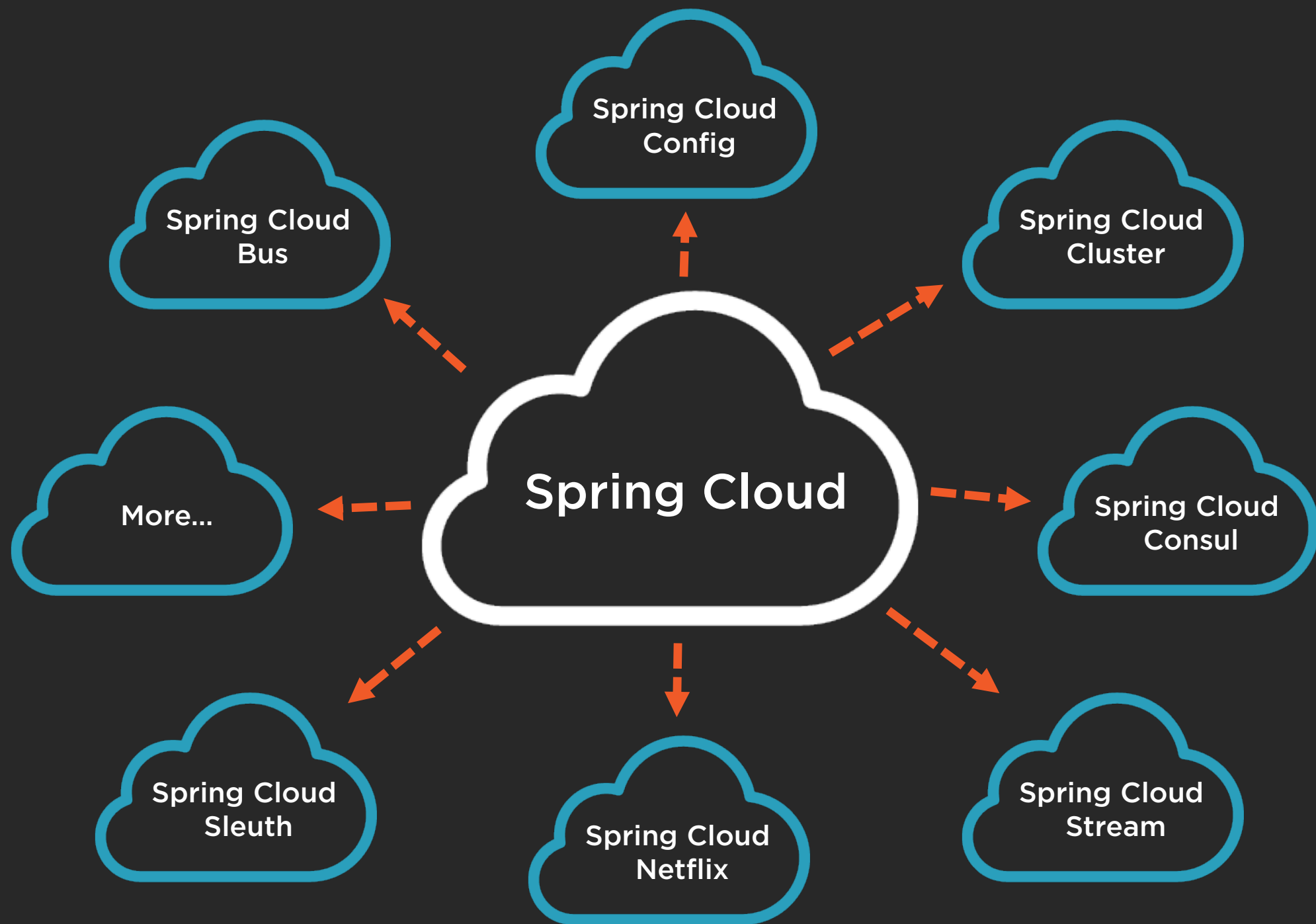
Spring Cloud helps you
build cloud-native
applications

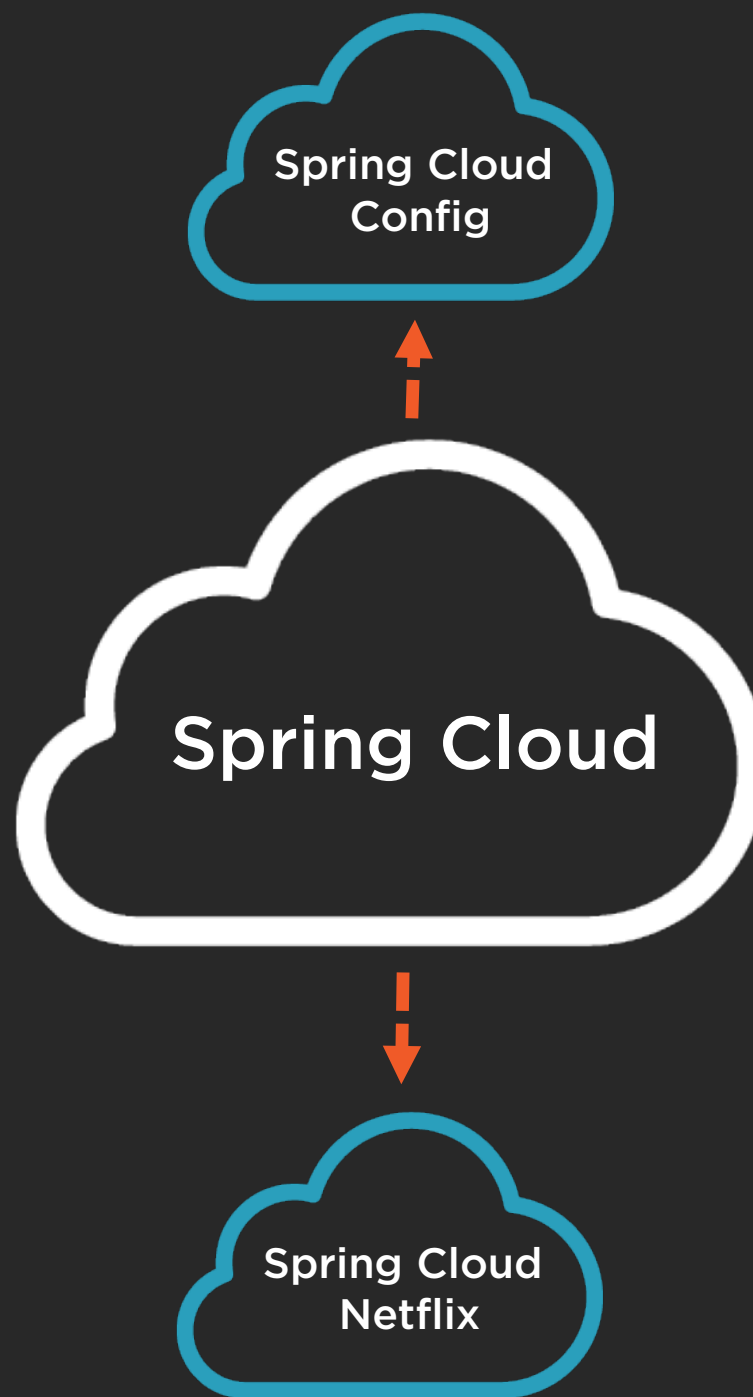


Cloud Native

“... a software application that is specifically built for cloud computing ... “







Service Discovery

Distributed
Configuration

Intelligent Routing

Client-side Load
Balancing

Circuit Breaker



FAQs / Course Updates / Links / More



<http://dustin.schultz.io/ps-scf/>



Prerequisites



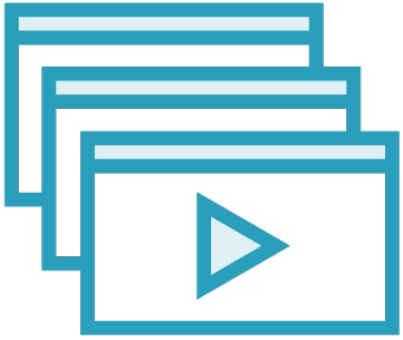
What You Need to Know Before You Begin



Java 8

Spring Boot





Pluralsight Courses on Spring Boot

**Creating Your First Spring
Boot Application**

by

Dan Bunker

**Spring Boot: Efficient
Development, Configuration,
and Deployment**

by

Dustin Schultz



What You Need to Know Before You Begin

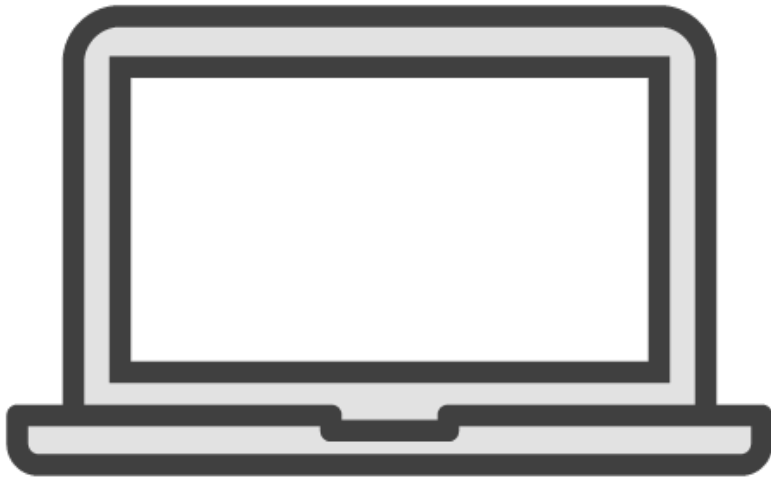


Java 8+

Spring Boot 1.4+

Knowledge of Microservices or SOA

What Software You Need Before You Begin



Java 8+

Maven 3+

Spring Tool Suite (Eclipse STS) 3.8+

