

Lone Star Software Symposium: Dallas

Crowne Plaza Galleria

June 28 - 30, 2019

Fri, Jun. 28, 2019					
	ADDISON LECTURE HALL	CHINABERRY	TRINITY 6-8	RED OAK/LIVE OAK	PIN OAK
12:00 - 1:00 PM	REGISTRATION				
1:00 - 1:15 PM	WELCOME				
1:15 - 2:45 PM	Architecture The Hard Parts Neal Ford	The Evolution of Java 9 10 11 and 12 Venkat Subramaniam	The MARVELous VUEniverse Michael Carducci	Essential Spring Boot Craig Walls	Kubernetes Koncepts Jonathan Johnson
2:45 - 3:15 PM	BREAK				
3:15 - 4:45 PM	Architecture Foundations Characteristics Tradeoffs Neal Ford	Continuations and Fibers The New Frontier for Java Venkat Subramaniam	An InDepth Vue Advanced Topics Best Practices Michael Carducci	Extreme Spring Boot Craig Walls	Kubernetes Koncepts continued Jonathan Johnson
4:45 - 5:00 PM	BREAK				
5:00 - 6:30 PM	Architecture Foundations Styles Patterns Neal Ford	Migrating to Java Modules Why and How Venkat Subramaniam	A Vue to Refactor Breathe life into your old MV app Michael Carducci	Spring Boot Application management with Actuator Craig Walls	Konsumer Driven Kontracts Jonathan Johnson
6:30 - 7:15 PM	DINNER				
7:15 - 8:00 PM	Keynote: by Lyndsey Padgett				

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Sat, Jun. 29, 2019					
	ADDISON LECTURE HALL	CHINABERRY	TRINITY 6-8	RED OAK/LIVE OAK	PIN OAK
8:00 - 9:00 AM	BREAKFAST				
9:00 - 10:30 AM	Restructuring Migrating Architectures Neal Ford	Type Inference in Java Dos and Dents Venkat Subramaniam	Whats New in Angular Archived Lyndsey Padget	Spring Data Data at REST Craig Walls	Weaving Code Analysis with Your Team Jonathan Johnson
10:30 - 11:00 AM	BREAK				
11:00 - 12:30 PM	Automating Architecture Governance Neal Ford	Learning To Code In Functional Style with Java Venkat Subramaniam	Archived Micro Frontends FTW Lyndsey Padget	Securing Spring REST and OAuth2 Craig Walls	Serverless Madness on Kubernetes Jonathan Johnson
12:30 - 1:30 PM	LUNCH				
1:30 - 3:00 PM	Responsible Microservices Nathaniel Schutta	Rediscovering JavaScript Venkat Subramaniam	Archived rebooted Git Concepts Strategies Lyndsey Padget	Serverless Spring Spring Function as a Service Craig Walls	Meshing Around with Service Traffic Jonathan Johnson
3:00 - 3:15 PM	BREAK				
3:15 - 4:45 PM	Evolving to Cloud Native Nathaniel Schutta	Mastering JavaScript Modules Venkat Subramaniam	VDD Value Driven Development 10 Golden Rules for incremental Greatness Michael Carducci	The Talking App An introduction to developing Alexa skills Craig Walls	Writing Katacoda scenarios Jonathan Johnson
4:45 - 5:30 PM	TECH TRIVIA SHOW: JOIN US!				

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Sun, Jun. 30, 2019					
	ADDISON LECTURE HALL	CHINABERRY	TRINITY 6-8	RED OAK/LIVE OAK	PIN OAK
8:00 - 9:00 AM	BREAKFAST				
9:00 - 10:30 AM	Thinking Architecturally Nathaniel Schutta	Taking Polyglot Programming to the next level with GraalVM Venkat Subramaniam	Art of Streaming Daniel Hinojosa	Gradle In Depth Kenneth Kousen	The Influential Engineer Overcoming resistance to change Michael Carducci
10:30 - 11:00 AM	MORNING BREAK				
11:00 - 12:30 PM	An Architects Guide to Site Reliability Engineering Nathaniel Schutta	Core Software Design Principles Venkat Subramaniam	Kafka Streams and KSQLDB Daniel Hinojosa	This Java Goes To 11 Kenneth Kousen	Influential Engineer Part 2 Persuasion Patterns Michael Carducci
12:30 - 1:15 PM	LUNCH				
1:15 - 2:15 PM	EXPERT PANEL DISCUSSION				
2:15 - 3:45 PM	Production Hardened Services Nathaniel Schutta	Twelve Ways to Make Code Suck Less Venkat Subramaniam	Machine Learning with Spark MLLib Daniel Hinojosa	Programming in Kotlin Kenneth Kousen	An Introduction to Micronaut Michael Carducci
3:45 - 4:00 PM	BREAK				
4:00 - 5:30 PM	Sifting Technologies Separating the Wheat From the Chaff Nathaniel Schutta	Qualities of a Highly Effective Architect Venkat Subramaniam	Grokking Generics Daniel Hinojosa	Mental Bookmarks and the Fractal Nature of Success Kenneth Kousen	Productivity for the hopelessly disorganized Michael Carducci

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(event schedule as of September 9, 2025)

Friday, Jun. 28

12:00 - 1:00 PM : REGISTRATION

1:00 - 1:15 PM : WELCOME

1:15 - 2:45 PM - Sessions

Session #1 @ ADDISON LECTURE HALL : Architecture The Hard Parts by Neal Ford

Architecture has lots of difficult problems many revolving around modularity and granularity This session delves into many of the hard parts in architecture and makes many of the problems softer

Session #2 @ CHINABERRY : The Evolution of Java 9 10 11 and 12 by Venkat Subramaniam

Java is a language in evolution There are a handful of language changes in Java 9 and 10 plus several JDK changes in 9 10 11 and 12 Some of these changes are significant in that they allow us to do things more effectively than before The difference can be anywhere from reducing code to avoiding errors that come from verbosity In this presentation we will explore the language changes first Then we will visit the additions to the JDK Along the way we will also look at a few things that have been removed from Java as well

Session #3 @ TRINITY 6-8 : The MARVELous VUEniverse by Michael Carducci

Vue is a new progressive front end framework At first glance Vue might look like Yet Another Javascript Framework its time to take a look It is designed from the ground up to be incrementally adoptable and can easily scale between a library and a framework depending on different use cases It consists of an approachable core library that focuses on the view layer only and an ecosystem of supporting libraries that helps you tackle complexity in large SinglePage Applications

Session #4 @ RED OAK/LIVE OAK : Essential Spring Boot by Craig Walls

In this exampledriven presentation youll learn how to leverage Spring Boot to accelerate application development enabling you to focus coding on logic that drives application requirements with little concern for code that satisfies Springs needs

Session #5 @ PIN OAK : Kubernetes Concepts by Jonathan Johnson

You have some modular code with a REST API You are on your way to Microservices Next you package it in a container image that others can run Simple Now what Your service needs to log information needs to scale and load balance between its clones Your service needs environment and metadata way outside its context What about where the service will run Who starts it What monitors its health What about antifragility Updates Networking Oh myDont get flustered We will explore how Kubernetes simplifies the complexity of distributed computing

2:45 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #6 @ ADDISON LECTURE HALL : Architecture Foundations Characteristics Tradeoffs by Neal Ford

This session describes how architects can identify architectural characteristics from a variety of sources how to distinguish architectural characteristics from domain requirements and how to build protection mechanisms around key characteristics This session also describe a variety of tradeoff analysis techniques for architects to try to best balance all the competing concerns on software projects

Session #7 @ CHINABERRY : Continuations and Fibers The New Frontier for Java by Venkat Subramaniam

We will program with Java quite differently in the future than we do today The reason is that Java is embracing asynchronous programming like never before This will have a huge impact on how we create services and web applications In this presentations we will look at what asynchronous programming is what continuations are how they get implemented under the hood and how we can benefit from them

Session #8 @ TRINITY 6-8 : An InDepth Vue Advanced Topics Best Practices by Michael Carducci

You understand the basics The core vue library templates styling and components You understand the how and why of Vuejs Whats next

Session #9 @ RED OAK/LIVE OAK : Extreme Spring Boot by Craig Walls

In this session youll learn how to take your Spring Boot skills to the next level applying the latest features of Spring Boot Topics may include Spring Boot DevTools configuration properties and profiles customizing the Actuator and crafting your own starters and autoconfiguration

Session #10 @ PIN OAK : Kubernetes Concepts continued by Jonathan Johnson

Prerequisite If you are unfamiliar with Kubernetes be sure to attend Kubernetes Concepts 1 of 2 Aha moments with apps in containers can be quite liberating The mobile space is saturated with theres an app for that For us we now expect theres a container for that Write

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once run anywhere WORA has changed to Package once run anywhere PORA The growing community of containers is riding up the hype curve We will look at many ways to assemble pods using architecture patterns you already know

4:45 - 5:00 PM : BREAK

5:00 - 6:30 PM - Sessions

Session #11 @ ADDISON LECTURE HALL : Architecture Foundations Styles Patterns by Neal Ford

This session covers basic application and distributed architectural styles analyzed along several dimensions type of partitioning families of architectural characteristics and so on

Session #12 @ CHINABERRY : Migrating to Java Modules Why and How by Venkat Subramaniam

Java Modules are the future However our enterprise applications have legacy code a lots of it How in the world do we migrate from the old to the new What are some of the challenges In this presentation we will start with an introduction to modules and learn how to create them Then we will dive into the differences between unnamed modules automatic modules and explicit modules After that we will discuss some key limitations of modules things that may surprise your developers if theyre not aware of Finally we will discuss how to migrate current applications to use modules

Session #13 @ TRINITY 6-8 : A Vue to Refactor Breathe life into your old MV app by Michael Carducci

Youve got an legacy MV app Its hard to maintain hard to test and its a thorn in your side Youre keeping it running but both the code and your skillset are getting a little old If a groundup rewrite is out of the question you can use Vue to piecemeal refactor and modernize the app with minimal risk and zero downtime

Session #14 @ RED OAK/LIVE OAK : Spring Boot Application management with Actuator by Craig Walls

In this session well explore the Spring Boot Actuator a runtime component of Spring Boot that lets you peer inside a running application and in some cases even tweak configuration on the fly Well look at many of the Actuators endpoints learn how to customize and even create new endpoints and see how to expose Actuator metrics to several popular instrumentation and monitoring systems

Session #15 @ PIN OAK : Konsumer Driven Kontracts by Jonathan Johnson

Prerequisite If you are unfamiliar with Kubernetes be sure to attend Kubernetes KonceptsAt the 2009 Agile conference JBRainsberger declared Integration tests are a scam I agree Come see some compelling reasons why consumerdriven contract testing is a much better approach Particularly for microservices We will explore different testing techniques on Kubernetes including an important one called ConsumerDriven Contracts

6:30 - 7:15 PM : DINNER

7:15 - 8:00 PM : Keynote: Badassary 101 - Lyndsey Padget

Saturday, Jun. 29

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #16 @ ADDISON LECTURE HALL : Restructuring Migrating Architectures by Neal Ford

Patternsantipatterns techniques engineering practices and other details showing how to restructure existing architectures and migrate from one architecture style to another

Session #17 @ CHINABERRY : Type Inference in Java Dos and Donts by Venkat Subramaniam

Some developers simply hate type inference And then there others who love it Neither one of them is entirely right In Java we have been making extensive use of type inference for several years without realizing it The introduction of var in Java 10 has stirred up some surprising debate In this presentation we will step back and review type inference in Java Then we will dive deep into type inference in Java 10 and 11 We will wrap up the presentation will good recommendations on when to use type inference and when to avoid it

Session #18 @ TRINITY 6-8 : Whats New in Angular Archived by Lyndsey Padget

Angular 7 is a big jump for the entire platform but what does it mean for you Well also cover whats new in Angular 8

Session #19 @ RED OAK/LIVE OAK : Spring Data Data at REST by Craig Walls

In this exampledriven presentation well look at Spring Data REST an extension to Spring Data that exposes your data repositories as a RESTful API complete with hypermedia links Well start with essential Spring Data REST but then go beyond the basics to see how to customize the resulting API to be more than just CRUD operations over HTTP

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Session #20 @ PIN OAK : Weaving Code Analysis with Your Team by Jonathan Johnson

This is the droid you are looking for Within this droid are hundreds of rules designed to review your code for defects hotspots and security weaknesses Consider the resulting analysis as humble feedback from a personal advisor The rules come from your community of peers all designed to save your butt We will explore techniques on how to add these checks to your IDE your build scripts and your build pipelines

10:30 - 11:00 AM : BREAK

11:00 - 12:30 PM - Sessions

Session #21 @ ADDISON LECTURE HALL : Automating Architecture Governance by Neal Ford

This session describes mechanisms to automate architectural governance at application integration and enterprise levels

Session #22 @ CHINABERRY : Learning To Code In Functional Style with Java by Venkat Subramaniam

Functional style of programming was introduced in Java 8 If you are like the speaker who spent decades on imperative style then the transition to functional style can be intimidating In this presentation we will learn about the fundamentals of programming in functional style the set of tools that we can reach into to solve problems as a series of state transformation We will learn the how but also the benefits along the way as well

Session #23 @ TRINITY 6-8 : Archived Micro Frontends FTW by Lyndsey Padgett

Microservices have helped us break apart back end services but large front ends often remain problematic monoliths

Session #24 @ RED OAK/LIVE OAK : Securing Spring REST and OAuth2 by Craig Walls

In this session we'll explore Spring Security and OAuth2 including building an OAuth2 authorization server fronting an API with a resource server and verifying an OAuth2 access tokens claims to ensure that the client is allowed to access the resource they are asking for

Session #25 @ PIN OAK : Serverless Madness on Kubernetes by Jonathan Johnson

Prerequisite If you are unfamiliar with Kubernetes be sure to attend Kubernetes Concepts From operating system on bare metal to virtual machines on hypervisors to containers orchestration platforms How we run our code and bundle our applications continues to evolve Serverless computing continuous our evolutionary path for our architectures

12:30 - 1:30 PM : LUNCH

1:30 - 3:00 PM - Sessions

Session #26 @ ADDISON LECTURE HALL : Responsible Microservices by Nathaniel Schutta

These days you can't swing a dry erase marker without hitting someone talking about microservices Developers are studying Eric Evans prescient book Domain Driven Design Teams are refactoring monolithic apps looking for bounded contexts and defining a ubiquitous language And while there have been countless articles videos and talks to help you convert to microservices few have spent any appreciable time asking if a given application should be a microservice In this talk I will show you a set of factors you can apply to help you decide if something deserves to be a microservice or not We'll also look at what we need to do to maintain a healthy microservices biome

Session #27 @ CHINABERRY : Rediscovering JavaScript by Venkat Subramaniam

Based on the book with the same title as this talk this presentation will explore the modern features of JavaScript that make this a pleasant language to use Come to this presentation to get a quick jumpstart on the elegant capabilities from passing arguments to creating iterators to destructuring and working with classes using ES 6 and beyond

Session #28 @ TRINITY 6-8 : Archived rebooted Git Concepts Strategies by Lyndsey Padgett

Git It can be intimidating if you're accustomed to other kinds of source control management Even if you're already using it and comfortable with the basics situations can arise where you wish you understood it better Developers often just want to write code and tell everyone else to take a hike but the reality is that most of us work on teams where the feature-based code we write must be integrated tested and ultimately released

Session #29 @ RED OAK/LIVE OAK : Serverless Spring Spring Function as a Service by Craig Walls

Serverless is a big topic these days More specifically Function as a Service FaaS enables smallscale functions deployed in the cloud to be enabled only as needed Compared to Platform as a Service PaaS services which are always on and require explicit scaling FaaS services wake up when needed and are scaled by the platform automatically Imagine a service that only gets invoked one per hour In PaaS that service is always running and ready to handle requests consuming processor resources and ultimately costing more to be ready at a moments notice In contrast FaaS services awaken quickly upon invocation and go away when finished conserving resources and cost

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Session #30 @ PIN OAK : Meshing Around with Service Traffic by Jonathan Johnson

Kubernetes out of the box is a strong platform for running and coordinating large collections of services containers and applications. As Kubernetes is powerful for many solutions, remember Underdog. He was a mildmannered dog but when stress and conflict were introduced to the plot he took a magic pill he became a superhero. Istio is a superhero for Kubernetes. Istio is an open platform independent service mesh that manages communications between services in a transparent way. With a distributed architecture many things can fail slow down and become less secure. Istio provides solutions to those stresses in our plot toward this architecture style. Traffic management, Observability, Policy enforcement, Service identity and security.

3:00 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #31 @ ADDISON LECTURE HALL : Evolving to Cloud Native by Nathaniel Schutta

Every organization has at least a phalanx or two in the Cloud and it is understandably changing the way we architect our systems. But your application portfolio is full of heritage systems that hail from the time before everything was as a service. Not all of those applications will make it to the valley beyond. How do you grapple with your legacy portfolio? This talk will explore the strategies, tools, and techniques you can apply as you evolve towards a cloud native future.

Session #32 @ CHINABERRY : Mastering JavaScript Modules by Venkat Subramaniam

JavaScript modules are highly powerful but can be confusing with the number of options available to explore and import. In this presentation we will take a thorough look at what modules are, how to export from a module, how to import, and the dos and don'ts. This will help you get comfortable with modules as you develop applications with JavaScript libraries/frameworks like Angular, React, Vue, etc.

Session #33 @ TRINITY 6-8 : VDD Value Driven Development 10 Golden Rules for incremental Greatness by Michael Carducci

On the NFJS tour there are questions that seem to come up again and again. One common example is: How do we determine which new tools and technologies we should focus our energy on learning? Another is: How do we stop management from forcing us to cut corners on every release so we can create better and more maintainable code which after awhile becomes? How can we best convince management we need to rewrite the business application? There is a single meta-answer to all these questions and many others.

Session #34 @ RED OAK/LIVE OAK : The Talking App An introduction to developing Alexa skills by Craig Walls

The way we communicate with our applications is an ever-evolving experience. Punch cards gave way to keyboards. Typing on keyboards was then supplemented by pointing and clicking with a mouse. And touch screens on our phones, tablets, and computers are now a common means of communicating with applications. These all lack one thing, however: They aren't natural. As humans we often communicate with each other through speech. If you were to walk up to another human and start tapping them, you'd likely be tapped or punched in response. But when we talk to our applications, we communicate on the machine's terms with keyboards, mice, and touch screens. Even though we may use these same devices to communicate with other humans, it's really the machine we are communicating with. And those machines relay what we type, click, and tap to another human using a similar device. Voice user interfaces (VUIs) enable us to communicate with our application in a human way. They give our applications the means to communicate to us on our terms using voice. With a VUI we can converse with our applications in much the same way we might talk with our friends. VUIs are truly the next logical step in the evolution of human-computer interaction. And this evolutionary step is long overdue. For as long as most of us can remember, science fiction has promised us the ability to talk to our computers. The robot from *Lost in Space*, the Enterprise computer on *Star Trek*, Iron Man's Jarvis, and HAL 9000 (okay, maybe a bad example) are just a few well-recognized examples of science fiction promising a future where humans and computers would talk to each other. Our computers are far more powerful today than the writers of science fiction would have imagined. And the tablet that Captain Picard used in his ready room on *Star Trek: The Next Generation* is now available with the iPad and other tablet devices. But only recently have voice assistants such as Alexa and Google Assistant given us the talking computer promised to us by science fiction.

Session #35 @ PIN OAK : Writing Katacode scenarios by Jonathan Johnson

Explore another learning medium to add to your toolbox: Katacode. This is a 90-minute mini-workshop where you learn to be an author on Katacode. Bring your favorite laptop with just a browser and a text editor. Have a GitHub account and bring your laptop. Let's learn together.

4:45 - 5:30 PM : TECH TRIVIA SHOW: JOIN US!

Sunday, Jun. 30

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #36 @ ADDISON LECTURE HALL : Thinking Architecturally by Nathaniel Schutta

Rich Hickey once said programmers know the benefits of everything and the trade-offs of nothing, an approach that can lead a project down a path of frustrated developers and unhappy customers. As architects though, we must consider the trade-offs of every new library.

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language pattern or approach and quickly make decisions often with incomplete information How should we think about the inevitable technology choices we have to make on a project How do we balance competing agendas How do we keep our team happy and excited without chasing every new thing that someone finds on the inner webs

Session #37 @ CHINABERRY : Taking Polyglot Programming to the next level with GraalVM by Venkat Subramaniam

For those programmers aspiring to be polyglot theres a virtual machine thats all polyglot In this presentation you can learn about GraalVM what its for the benefits it offers and where you may use it

Session #38 @ TRINITY 6-8 : Art of Streaming by Daniel Hinojosa

An overview of various popular streaming technologies on the JVM Kafka Streams Apache Storm Spark Streaming Apache Beam Discuss the bill of rights of what to expect of all streaming libraries and frameworks security failover exactly once processing

Session #39 @ RED OAK/LIVE OAK : Gradle In Depth by Kenneth Kousen

Gradle is the build tool of choice in the open source world and rapidly becoming the standard in industry as well Anyone who works with Gradle on a Java project knows the basics of the Java plugin and how to write simple tasks in Groovy Gradle can do much more however This talk will demonstrate how to write your own custom task classes and how to create Gradle plugins from them Other Gradle features will be demonstrated as well including file manipulation incremental builds generating the Grade wrapper and resolving conflicts in dependencies

Session #40 @ PIN OAK : The Influential Engineer Overcoming resistance to change by Michael Carducci

By the end of this conference you will have learned many new tools and technologies The easy part is done now for the hard part getting the rest of the team and management on board with the new ideas Easier said than done Whether you want to effect culture change in your organization lead the transition toward a new technology or are simply asking for better tools you must first understand that having a good idea is just the beginning How can you dramatically increase your odds of success You will learn 12 concrete strategies to build consensus within your team as well as 6 technique to dramatically increase the odds that the other person will say Yes to your requests

10:30 - 11:00 AM : MORNING BREAK

11:00 - 12:30 PM - Sessions

Session #41 @ ADDISON LECTURE HALL : An Architects Guide to Site Reliability Engineering by Nathaniel Schutta

Development teams often focus on getting code to production losing site of what comes after the design and build phase But we must consider the full life cycle of our systems from inception to deployment through to sunset a discipline many companies refer to as site reliability engineering

Session #42 @ CHINABERRY : Core Software Design Principles by Venkat Subramaniam

Creating code is easy creating good code takes a lot of time effort discipline and commitment The code we create are truly the manifestations of our designs Creating a lightweight design can help make the code more extensible and reusable

Session #43 @ TRINITY 6-8 : Kafka Streams and KSQLDB by Daniel Hinojosa

Kafka is more than just a messaging queue with storage It goes beyond that and with technology from Confluent open source it has become a fullfledged data ETL and data streaming ecosystem

Session #44 @ RED OAK/LIVE OAK : This Java Goes To 11 by Kenneth Kousen

Many new features have been added between the last Long Term Support release in Java 8 and the current one in Java 11 This talk will summarize many of those capabilities from the Jigsaw implementation of JPMS to unmodifiable collections to local variable type inference and more In addition to the basic code changes the new sixmonth release schedule and associated licensing issues will be reviewed

Session #45 @ PIN OAK : Influential Engineer Part 2 Persuasion Patterns by Michael Carducci

In Part 1 you learned the core principles of influence and persuasion How to we take this back to the office and apply what weve learned

12:30 - 1:15 PM : LUNCH

1:15 - 2:15 PM : EXPERT PANEL DISCUSSION

2:15 - 3:45 PM - Sessions

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Session #46 @ ADDISON LECTURE HALL : Production Hardened Services by Nathaniel Schutta

By now I bet your company has hundreds maybe thousands of services heck you might even consider some of them micro is stature And while many organizations have plowed headlong down this particular architectural path your spidey sense might be tingling how do we keep this ecosystem healthy

Session #47 @ CHINABERRY : Twelve Ways to Make Code Suck Less by Venkat Subramaniam

We all have seen our share of bad code and some really good code as well What are some of the common anti patterns that seem to be recurring over and over in code that sucks By learning about these code smells and avoiding them we can greatly help make our code better

Session #48 @ TRINITY 6-8 : Machine Learning with Spark MLlib by Daniel Hinojosa

Spark has a machine learning aspect to it and its called Spark MLlib We discuss an intro into machine learning some models then apply some of those common machine learning models

Session #49 @ RED OAK/LIVE OAK : Programming in Kotlin by Kenneth Kousen

Learn the basic syntax and semantics for the Kotlin programming language Kotlin is an alternative JVM language that provides null safety static typing and powerful IDE support This talk will emphasize the relationships between Kotlin and Java highlighting the differences in types functional programming collections and more

Session #50 @ PIN OAK : An Introduction to Micronaut by Michael Carducci

Micronaut is a modern JVMbased fullstack framework for building modular easily testable microservice applications

3:45 - 4:00 PM : BREAK

4:00 - 5:30 PM - Sessions

Session #51 @ ADDISON LECTURE HALL : Sifting Technologies Separating the Wheat From the Chaff by Nathaniel Schutta

If youve spent any amount of time in the software field youve undoubtedly found yourself in a potentially heated discussion about the merits of one technology language or framework versus another And while you may have enjoyed the technical debate as software professionals we owe it to our customers as well as our future selves to make good decisions when it comes to picking one technology over another

Session #52 @ CHINABERRY : Qualities of a Highly Effective Architect by Venkat Subramaniam

Many developers aspire to become architects Some of us serve currently as architects while the rest of us may hope to become one some day We all have worked with architects some good and some that could be better What are the traits of a good architect What are the skills and qualities we should pick to become a very good one

Session #53 @ TRINITY 6-8 : Grokking Generics by Daniel Hinojosa

For those still grappling with Generics This will be an attempt to clear the air about generics What are wildcards What is extends What is super What is covariance What is contravariance What is invariance What is erasure Why and when do I need this

Session #54 @ RED OAK/LIVE OAK : Mental Bookmarks and the Fractal Nature of Success by Kenneth Kousen

Good discussions are supposed to diverge from their intended path Free association is a feature not a bug and helps you see new connections between ideas Without structure however it can be difficult to add context to new ideas and understand how they relate to more immediate problems This talk discusses the technique of mental bookmarks how to remember where you were when a discussion diverged In addition to giving you a reputation for having an amazing memory the skill also helps with personal awareness in general

Session #55 @ PIN OAK : Productivity for the hopelessly disorganized by Michael Carducci

It happens to us all there are simply days where it seems impossible to get anything done This session focuses on techniques and tips to get into the zone stay in the zone and to protect your productivity even in disruptive environments