

# JavaOne 2011

Content at

<https://oracleus.wingateweb.com/scheduler/eventcatalog/eventCatalogJavaOne.do>

Audio/slides at parleys

[www.parleys.com](http://www.parleys.com)

# Themes

- JavaFX
- HTML5 & JavaScript (Project Avatar)
- Cloud & Multi-tenancy
- Changes to Java language for Java 8
- JVM for other languages too (invokedynamic)
- ME: Bridge the Java SE/Java ME divide
- Embedded SE

Best overview: second part of main session from Tuesday morning

# Java 8

- Going to two year release cycle
- Jigsaw (modularity)
  - Coarse grain modularity baked in – not OSGi
  - Smaller footprint, faster startup
  - Support for native packages
  - New executable format, faster, can include native libraries
  - Dependency specs

# Java 8

- Closures
  - Novel approach for Java: structural typing
  - Single abstract method – SAM
  - Will work with existing interfaces/classes
  - New parallel collections
  - Many cores is the driver for this feature
- Nashorn
  - Javascript running natively in the JVM
  - Replace Rhino

# Java 9

- Mumble mumble, seemed very interesting...

# JavaFX

- Release 2.0 at conference (Windows)
- Mac port coming soon
- Contains a webkit for displaying HTML
- Good tooling: NetBeans and visual builder
- FXML
- Open sourceing
- . . . . whispers of “deprecating” Swing . . . .

## From [javafx.com](http://javafx.com)

6. Is JavaFX replacing Swing as the new client UI library for Java SE?

Yes and no. Swing will remain ... for the foreseeable future... Swing ... relies on an old architecture ... JavaFX features a set of modern UI controls ...we recommend developers to leverage JavaFX APIs as much as possible when building new applications...

# Favorite Sessions

- Optimization
  - JVM Bytecode for Dummies
  - Blood from a Stone: Low-Level Hotspot Flags for Optimization Nuts
- Java Concurrent Animated – <http://jconcurrency.com/Overview.html>
- Choosing Your Java Web Framework: A Comparison
- DRY UIs: Let the Metadata Do the Work – [metawidget.org](http://metawidget.org)
- Visual Java Swing Debugging – NetBeans 7.1

# Local Guys make Good

- James: HTML5 with Java Now: A Pragmatic Review of Java's Current Support for HTML5
- Jim: Interview about successful JUGs
- Dan Sline
  - Using Griffon to Build Groovy-Based, GUI-Based Desktop Applications Like a Wizard
  - Groovy Web Services: Building and Using Web Services in the Groovy Ecosystem
  - Securing JVM-Based Scripting Languages
  - Web Services Security
  - Java User Groups and the JCP