

# INTRODUCING “JAVA 8”

Brief Introduction to new features in Java 8

# Java 8 Language features

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- ❑ Lambda Expressions
- ❑ Annotations Enhancement
- ❑ A new Date/Time API

# Concurrency Updates

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- ❑ scalable Update variables
- ❑ fork and join improvement
- ❑ Stamped Lock class

# Collections Enhancement

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- ❑ bulk data operations
- ❑ serial and parallel implementation
- ❑ parallel array sorting

# Scripting enhancement

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- ❑ hashhorn javascript engine
- ❑ invoking script from java code
- ❑ jjs tools

# Stream API

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- Introduction to Streams API
- Streams v/s Lists
- Stream methods:
  - ▣ forEach
  - ▣ map
  - ▣ filter
  - ▣ findFirst
  - ▣ collect
- Streams and lambda expression
- Lazy evaluations

# JDBC Enhancements

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- ❑ RIP ... JDBC-ODBC Bridge Driver
- ❑ REF\_CURSOR support for callable statement
- ❑ DriverAction interface
- ❑ Additions to SQL Types
- ❑ RowSet changes

# Other....

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- ❑ Compact Profiles
- ❑ Internationalization enhancements