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JVM Language Summit: 'Pointy haired boss welcome'

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The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

Management Turing test



Oracle's priorities for Java SE

- Keep the Java platform vibrant
- Enable revenue
 - Fusion Middleware and Apps is a huge business
 - Value-add Enterprise features
 - Offering enterprise support for Java is a significant opportunity
- Increase efficiency for Java developers
 - Oracle has 10s of thousands of them, investments here save big overall
 - Most work done here benefits all developers, not just Oracle's
 - Investing in the infrastructure we use to develop Java is a part of this

OpenJDK progress

- Funding of OpenJDK larger than ever, from Oracle and others
- Significant code contributions to JDK 8 from sources other than Oracle
 - JSR 310 – Date & Time
 - JSR 308 – Type annotations
 - Concurrency updates
- JDK 8 RI based on OpenJDK and released under both GPL and BCL
- JDK 8 update releases done via open development
- JEPs for releases past 8 already being proposed
- Pipeline of Infrastructure improvements
 - Open Wiki
 - New Build system
 - Jtreg tests
 - Open Bug database
 - System for Code reviews

JDK 8

- Lambda
- JVM convergence will continue/complete
- Nashorn
- JavaFX


Timeline for JDK 8

- **M7** 2013/06/13 (b94) *Feature Complete*
2013/07/18 *Rampdown start*
 - **M8** 2013/09/05 *Developer Preview*
2013/09/12 *All Tests Run*
2013/10/10 *API/Interface Freeze*
2013/10/24 *Zero Bug Bounce*
2013/11/21 *Rampdown phase 2*
 - **M9** 2014/01/23 *Final Release Candidate*
 - **GA** 2014/03/18 *General Availability*
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- *Now is a great time to try JDK 8 and report any issues!*

Areas we're thinking about

- JVMs in the data center (and the cloud)
- JVMs in the Embedded world
- Increasing overlap

Focus on making solid APIs that remain compatible as the implementation improves, providing the user with great value over time.



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Questions?