

The honorary PHB talk

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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.

JVMLS

- Best kept conference secret
 - Hardest working conference in the “runtimes for languages” business
 - 7th(!) annual running (5th under Oracle stewardship)
 - In that time:
 - 2 major releases
 - Many minor release
 - Loads of CPUs
 - Now ‘post-legacy’ hipster technology:
- “The Second Coming of Java: A Relic Returns to Rule Web”
– Wired Magazine
- Wow. Such quality, much flavor. Still fun. Very up.

Java 8

- Live, loud, loved! (mostly)
- Lots of great features
 - Many coming from or benefitting from the things we have learned right here.
- Great quality and performance
 - Lots of collaboration with other OSS projects
- Perhaps most important – predictable release
 - Change is still possible
 - Transparency and Advance notice

Java 8

- Innovative co-evolution of Java lang and JVM
 - Without harming other languages ability to use the JVM
 - Allows (but does not require) other languages to use the building blocks

Principles of Evolution

- Consciously evolve the language and platform
- Plan for the long haul
- Encourage code that is easy to read (and write, but mostly read)
- Reward good code with increasing performance

- Maintain a very high bar for compatibility
- Set and keep a high bar for security
- Look for opportunities to support these with little to no effort on the part of the app developer

Why does Oracle care?

(given that Java is 'gratis')

- Oracle has built key products in Java (like Fusion middleware and apps)
 - Making Java better makes this stack better
 - Making Java developers more productive makes Oracle more productive
- Nicely increasing revenue on Java directly
 - “Java SE Advanced” SKU with features for enterprises
 - Enterprise Support
- You can help support this (and us, supporting you)

How Oracle decides what we invest in

- Devs: “What cool things could we build?”
- PM: “What are the customers asking for?”
- Sync regularly!
 - Lists tend to overlap – but where they don’t:
 - Grassroots: “How could we deliver what the customers need”
 - PM: “Who (if anyone) needs the cool things we could build?”

What's next?

- We are looking forward to 9 (and 10 and 11)
- JEP 2.0 continues to raise the bar on transparency
- More on what is to come:
 - Brian G and John R are here to describe some ideas for future rounds of evolution following the same principles, and hear your feedback.