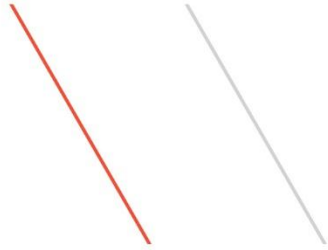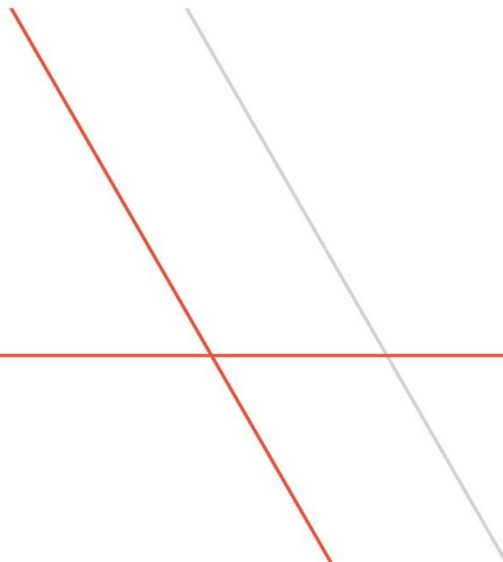# TPFUG – Java™

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Key Challenges

Attracting and quickly making new talent
productive in the z/TPF environment

Business pressure to
increase agility and reduce
time to market for new capabilities

Integrating new technology without
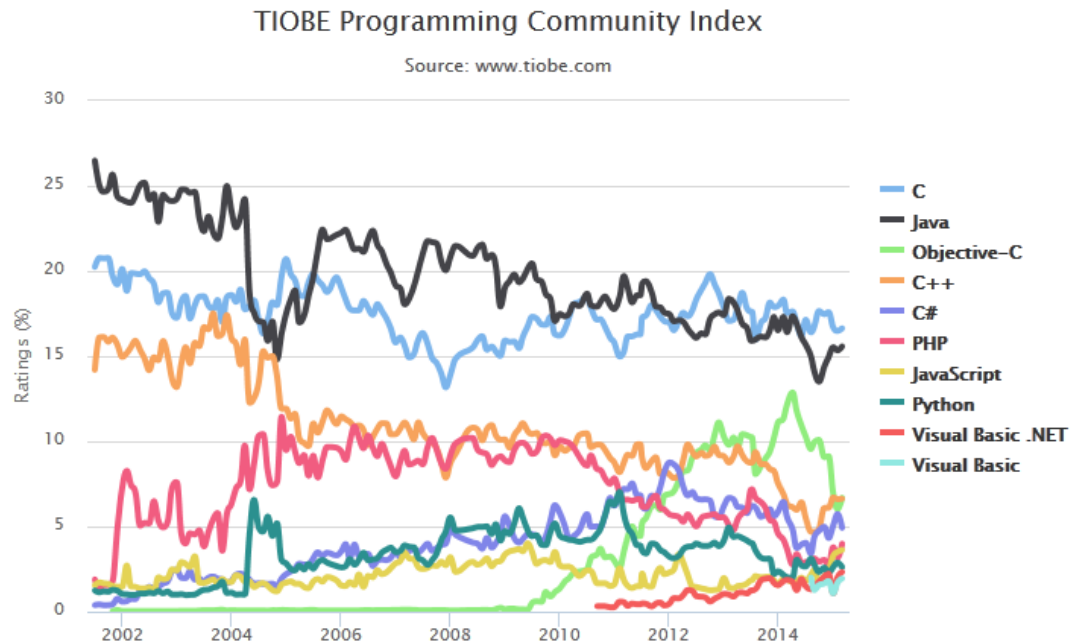the cost of replacing entire applications

Skills

Attracting and quickly making new talent productive in the z/TPF environment

Java skills are abundant in the marketplace.

Java is a mature language, and is the standard for developing enterprise applications.

Standard / portable

TIOBE Programming Community Index
Source: www.tiobe.com

Agility

Business pressure to increase agility and reduce time to market for new capabilities

Many tools available for developing Java programs. "Develop once and deploy anywhere"

Abundant open source packages available - don't need to develop function from scratch.

Container based - application focuses on business logic not plumbing

Faster development

Integration

Integrating new technology without the cost of replacing entire applications

- Integration will be critical for success and providing value
    - TPF applications making calls into Java
    - Java applications making calls to TPF programs

- Goal is to keep Java programs standard / portable
    - How to handle ECB fields, data levels, etc.

- Other considerations..
    - Container-based and object oriented vs. Procedural

Version Information

- Java™ Platform Standard Edition
  - IBM JVM
  - Java Class Libraries

- Version 8

A Call for Sponsored Users

- Looking for sponsored users to help shape Java
  - Participate in playbacks
  - Provide feedback and priority/value of capabilities
  - Optionally participate in a Beta

- Please contact me for more information
  - cmast@us.ibm.com

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