Spec Leads’ TCK obligations
November 2012
Agenda

- JSR deliverables
- Obligations under the Process Document
- EC review of TCK quality
- Spec Lead training
JSR deliverables

- Specification
  - Is the specification unambiguous?
- Reference Implementation
  - Can you build an implementation?
- Technology Compatibility Kit
  - Is the TCK correct?
  - Does the RI conform?
Process Document obligations

- Include documentation explaining how to run the TCK and interpret the test results.
- Include *Compatibility Requirements* explaining what is necessary, in addition to passing the tests, to be compatible.
- Provide a mechanism for running the tests automatically.
- Define a test-appeals process.
- Ensure that all of the APIs required by the Specification are completely and correctly implemented and that no un-Specified APIs are included in the JSR's namespace.
- Provide a *TCK Coverage Document* explaining the criteria used to measure TCK test coverage, and justifying the level of coverage provided and the overall quality of the TCK.
EC review of TCKs

• Do EC members review TCKs to ensure that they meet these obligations?
Spec Lead training

• We haven’t done a good job of training Spec Leads in TCK development.

• Back in 2006 Sun’s TCK Tools team created training materials for posting on jcp.org.
  – These are now “orphaned.”
  – They are also excessively complex, and assume that others will develop TCKs exactly as Sun did.
  – We’ve simplified these, and have “wrapped” them in new introductory material in the Spec Lead Guide.

• These materials will form the basis for a Spec Lead conference-call on December 20.

• We hope to further enhance these documents.
Thank you!
http://jcp.org