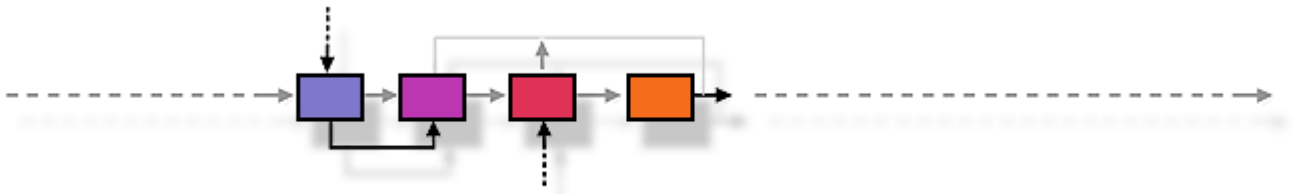




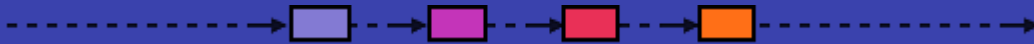
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# Spec Leads' TCK obligations

November 2012

# Agenda



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

# JSR deliverables

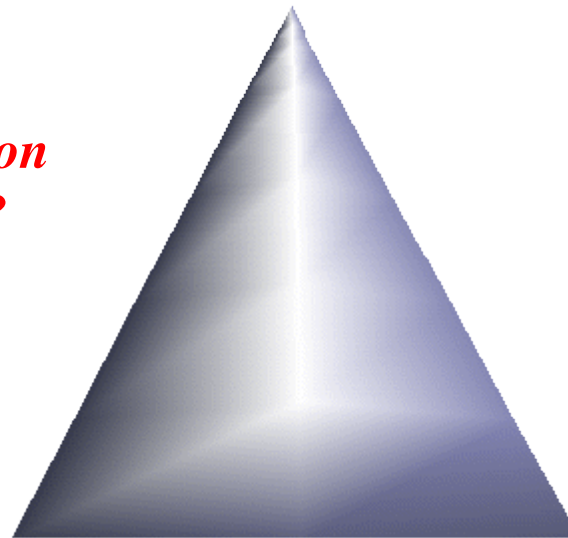


**Specification**

*Is the specification  
unambiguous?*

*Can you build an  
implementation?*

**Technology  
Compatibility Kit**



**Reference Implementation**

*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 unspecified 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?

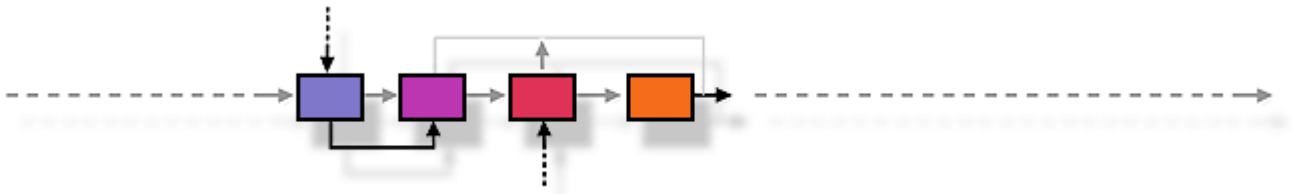
# Spec Lead training



- 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.



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Thank you!  
<http://jcp.org>