January 13, 2009

Java ME Discussion
Questions…

- What are developers asking for?
- Why are developers looking to the ME EC for help?
- Should the ME EC take this on?
What are developers asking for?
The usual...

- Touch screen API
- Reasonable on-boarding fee
- State of the art UI APIs
- Fewer device bugs
- Single deployment process
- Access to marketplace
- Consist permission behavior
- Compatibility effort
- State of the art UI APIs
- Consistent spec interpretations
- On-device debugging
- Better device identification
- Open tools on all platforms
- Single signing entity
- More accurate emulators
- Compelling smartphone story
- Sources: http://forums.java.net/jive/thread.jspa?threadID=55105, and developer interviews
- ...and lots more

Compatible with the IT department
Less ambiguous specs
Top three concerns
(depending who you ask)

- **Fragmentation**
  - Device bugs
  - API interpretations

- **Security Related**
  - Certificates
  - Permissions
  - Application testing

- **Marketplace Access**
  - App store
  - Common deployment mechanism
Why are developers looking to the ME EC for help?
The ME EC’s charter is to approve JSRs

- [EC] DUTIES AND RESPONSIBILITIES
  - Select JSRs for development within the JCP.
  - Approve draft Specifications for Public Review.
  - Give final approval to completed Specifications and their associated RIs and TCKs.
  - Decide appeals of first-level TCK test challenges.
  - Review maintenance revisions and possibly require some to be carried out in a new JSR.
  - Approve transfer of maintenance duties between Members.
  - Provide guidance to the PMO.

Source: JCP 2 Process Document version 2.6 (March 9, 2004)
...this is what developers see

Develop

Evolve

Representing a Cross-Section

Reconciling Discrepancies

Sources: JCP.org, JCP 2.6 Executive Summary
“The JCP is the official organization for making your improvements to the platform.”

“The JCP offers you a chance to become a permanent part of the Java platform's history by contributing your work and recommendations as a member.”

“the best way to contribute ideas, and the only way to contribute JSRs for review, is as a JCP member.”
The result:

- The JCP is marketed as a community for the development of the Java ME platform...

- JCP members look to the top for platform leadership...

...The ME EC is perceived as a steering body for the platform.
Why should the EC take this on?
Key questions:

- Is it necessary?

- Is it urgent?

- Is any other group better positioned to take the required actions?
Discussion