Harmony Q2 Milestone

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Discussions around requirements and goals for the Harmony milestone.

FOCUS ON Stability: being able to run several solid applications successfully and high pass rates for the test suites.

GOALS

1. **Create compatible implementation of Java SE 5. Reach 100% public API coverage.** 100% coverage is the ultimate goal for the project. The current method coverage of Harmony test suites is only about 60%, i.e., almost 40% methods were never touched.
2. **Run reasonable set of applications.** This can mean:

- Keeping all the enabled apps in the "up" state: Create a list of enabled apps and put them all into cruise control
- Running 2-3 open source server-side software. What about JBoss and BEA Weblogic? {*see Questions/Opens3*}
- Running 2-3 open source developers' tools. What about Eclipse IDE?
  1.#3 **Have reasonable testing infrastructure.** Setting up necessary testing infrastructure and having near 100% pass rates for the suites we have (already in progress.) Details?

1. **Pass reasonable set of test suites.**
2. **Setting up a sequence of developer releases making incremental improvement.** {*under discussion*}
3. **Running some benchmarks and demonstrating reasonable results.** {*We are using Dacapo and Scimark now.*} The reasonable target result: no worse than RI 6.0 ❓

QUESTIONS/OPENS

1. **What about commercial software?** Some time ago we agreed that it's OK to report failures/regression of commercial software. Should we have them in the "requirements" to our Q2 release?
2. **What platforms/architectures should we use?** Suggestions:

- Windows/IA32 (currently the most stable platform)
- Linux/32 {Geir: *Linux is a peer distro for this project. It always has been.*}
- Windows/x86_64

Proposal: {Stepan Mishura: *Focus on architecture rather then OS. Let's say that x86 (Windows/Linux) is our primary focus. And next goal is to be solid on x86-64 architecture.*}

1.#3 **Should we use JBoss and BEA server-side software?** {*see Targets 2*}