Board200806

Board report April - June 2008

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Summary
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Harmony continues to make good progress in the Java 5 SE code stream, and has accepted a contribution in the
area of Java ME.  There have been a number of new committers and PMCers elected recently.  The lack of a JCK
continues to be an issue for Harmony.
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Development & Releases
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Development continues to be focused primarily on the Java 5 SE code stream, with work on the Java 6 SE stream
being limited to core areas of the class library.  There is also significant ongoing development in the build
and testing infrastructure resulting in enhanced application, stability, and performance testing on Harmony
builds.

Milestone build 5.0M6 was published on May 22, 2008 containing a significant number of bug fixes and new
functionality.  Milestone 6 includes over 290 JIRA issues resolved and over 650 commits since our last
Milestone at the end of February.

Noteworthy advancements have been made in the following areas:

 * new JIT optimizations
 * functional and coverage enhancements throughout the class libraries
 * improved VM threading design
 * support for full hardware addressability on 64 bit platforms
 * completion of the unpack200 implementation
 * ...and much more

In addition, Harmony accepted a substantial code contribution from the authors of Microemulator.  Microemulator
is a pure Java implementation of Java ME APIs in Java SE.  With the emulator code it becomes possible to run
MIDlet (MIDP/CLDC) based applications as a standalone Java application or as a web browser applet.

There are six Google Summer of Code projects being mentored by members of the Harmony community.

Security
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There were no reported security issues this period.

Community
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The community continues to operate in a healthy manner, with a noticeable turnover recently in the participants
on the mailing list.

We have had constructive interactions with other Apache projects, and the Eclipse TPTP project who are
consuming the Harmony bytecode verifier code.

The PMC appointed six new committers this period, Alexei Fedotov, Chunrong Lai, Igor Stolyarov, Ilya
Berezhniuk, Pavel Rebriy, and Xiao Xia (Sean) Qiu.  In addition, seven committers were appointed to the PMC
membership: Egor Pasko, Jimmy Lv, Mikhail Fursov, Pavel Pervov, Sian January, Tony Wu and Vasily Zakharov.

There are currently 38 committers, ~22 of whom were active this period.
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