Adoptium
Project Management Committee
Agenda & Minutes

"The PMC as a whole, and the PMC leads in particular, are ultimately responsible for ensuring that the Eclipse Development Process is understood and followed by their Projects. The PMC is additionally responsible for maintaining the Top-Level Project's charter." [ref]

Date: 2024-February-14

Agenda:

- Approval of minutes from February 7th meeting.
- Temurin for RISC-V release plan discussion with Rivos
- Review of outstanding actions.
- Review of GitHub issues flagged for PMC agenda.
    - Support for aarch64 Windows platform (adoptium-support#616)
    - Reinstate libfreetype install on JDK21 (installer#812)
- ORKA update.
- Equinix x64 system removal.
- Update on GHSA-xrvg-mgj7-p5wh.
- AoB

Action items:

Date	Description	Status
24-Jan-2024	ACTION: gdams to discuss with JFrog how to use symlinks in Artifactory. Trial this with the 'Rocky 9' to 'Rocky 8' installer path with a view to further roll-out. (ref installer#801)	In progress

Attendees

- ☑ George Adams

- [x] Stewart Addison
- [x] Carmen Delgardo (guest)
- [x] Tim Ellison
- [x] Severin Gehwolf
- [x] Shelley Lambert
- [x] Andrew Leonard
- [ ] San Hong Li (apologies)
- [ ] John Oliver
- [ ] Martijn Verburg
- [x] Lan Xia
- [x] Ludovic Henry (guest)
- [x] Tony Printezis (guest)

Meeting called to order at 14:02 GMT

Minutes:

- Approval of minutes from February 7th meeting.
    - Minutes were approved.
- Temurin for RISC-V release plan discussion with Ludovic and Tony (Rivos).
    - Proposal to fully support a headless Temurin RISC-V build at Adoptium.
        i. An Eclipse GitLab issue is open to capture the Eclipse discussions https://gitlab.eclipse.org/eclipsefdn/helpdesk/-/issues/4281
        ii. Focus is on JDK21, JDK17, tip, and ultimately JDK11.
        iii. JDK11 is still a PR at OpenJDK so no current path to build there unless merged to main or port stream. https://github.com/openjdk/riscv-port-jdk11u/pull/3
        iv. No plan for a JDK8. No plan for head-full builds.
    - Rivos is a member of Temurin compliance, and sxa has been running the TCK on a Temurin build of the OpenJDK RISC-V port.
        i. Testing is looking ok on JDK21, with some failures on JDK17.
        ii. Broad hardware support would require the experimental vector API extensions in OpenJDK, but otherwise a build would work on an RV24 from any provider, and with an enumerated operating system.
    - Temurin supported release build and test environment
        i. Some RISC-V hardware availability can be granted to the group via Azure. George will follow up on this.
        ii. To achieve JCK compliance would require h/w under direct Eclipse management - this is likely to be achieved as per other platforms via cloud account management.
        iii. Adoptium's current RISC-V capacity is 6/7 physical boards, and additional boards in the PCLT lab in China.
        iv. Potential for RISE to provide boards and become a sponsor to attain community diversity. Ludovic will investigate this option.

    - AQAvit fully passes on Temurin RISC-V JDK21, and mostly passes on JDK17 with known issues that require backports of the porting project in OpenJDK. Further work is required for JDK11 support, and this is subject to an open pull request in OpenJDK.
    - Rivos confirmed that all patches are in OpenJDK, they are not carrying patches elsewhere. Formal port and changes are in tip.
        i. Adoptium would therefore be building only from OpenJDK sources.
    - There is no known RISC-V port maintainer in the OpenJDK vulnerability group.
        i. This would be desirable to represent any architecture-specific vulnerability information.
        ii. Rivos to follow up on membership directly with the OJVG.
    - Final delivery would be tgz, rpm, deb, and docker.
    - The PMC would prefer to release this platform out of sequence from a quarterly CPU/feature release to ensure it is available as soon as ready, and has focus on its initial release.
- Review of outstanding actions.
    - George has a call scheduled with JFrog to go through the proposed solution.
- Review of GitHub issues flagged for PMC agenda.
    - Support for aarch64 Windows platform (adoptium-support#616)
        i. No further discussion required
    - Reinstate libfreetype install on JDK21 (installer#812)
        i. No further discussion, should not wait for artifactory redesign to get out the required fixes in the installer.
- ORKA update.
    - Still not fully resolved the Intel process tidy-up, so may need to rely on the ephemeral nature of machines to clean up processes.
    - The PMC noted that the processes may not be fully isolated when on ORKA/Intel, but these are not used as build machines so the (rare) risk is that the tests could interfere with each other.
    - MacStadium have made it clear that ORKA/Intel is not fully supported, so unlikely we would expect to see significant effort to fix observed issues there.
    - Proposal to tear down more of the macminis.
        i. Used to build some OpenJ9 code, but this could be replaced now by pulling OpenJ9 binaries directly.
        ii. Lan confirmed Adoptium could remove the mac line without affecting the OpenJ9 project.
        iii. DECISION: Take down arm64 machine immediately, intel test machine 10.14, and take down build machine 10.14.
        iv. Discuss what the earliest version is that we declare support for with Temurin?
- Equinix x64 system removal.
    - Deferred to next meeting
- Update on GHSA-xrvg-mgj7-p5wh.
    - Deferred to next meeting
- AoB
    - The PMC were requested to review and comment on https://github.com/adoptium/aqa-tests/issues/5062

Meeting closed at 15:03 GMT