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: 2023-June-21

Agenda:
- Approval of minutes from June 14th meeting.
- Review of action items from previous meetings.
- Review of GitHub issues flagged for PMC agenda.
- JFrog status
- Preview of mid-year program plan review
- Infrastructure costs and optimisations update
- EF security review?
- Consistency in runtime's zlib dependency (reference)
- AoB

Action items:

Date	Description	Status
2023-06-07	ACTION: sxa and George to enumerate equipment kept at the Nine co-lo, circulate the list, and come up with a plan to decommission.	In progress
2023-06-07	ACTION: gdams to obtain JFrog bandwidth/storage use to drive additional distribution site options.	Done

Attendees:
- ☑ George Adams

☑ Stewart Addison

☐ Carmen Delgardo (guest)

☑ Tim Ellison

☑ Severin Gehwolf

☑ Shelley Lambert

☑ Andrew Leonard

☐ San Hong Li

☐ John Oliver

☐ Martijn Verburg

☐ Lan Xia

Meeting called to order at 14:02 BST

Minutes:
- Approval of minutes from June 14th meeting.
  - Minutes of the previous meeting were approved.
- Review of action items from previous meetings.
  - Actions were reviewed and updated.
  - EF wish to manage the end of contract with Nine. PMC agrees that this should go ahead.
  - Still working on plans for decommissioning kit and retrieving useful items. We expect this will be three months based on Nine's usual terms.
  - ACTION: sxa to ask EF to send notice to end contract with Nine.
- Review of GitHub issues flagged for PMC agenda.
  - No new issues flagged for PMC consideration.
- JFrog status
  - George met with JFrog to discuss AdoptOpenJDK RPM/DEB repo.
    i. Bandwidth is approx 20Tb/month and not diminishing.
    ii. Request to bring this down by end of calendar year since this is their end of financial year, and when sponsorships are considered for renewal.
    iii. Discussed using rolling brown-outs to incentivise users to move to Adoptium. Adoptium asked to provide a schedule for these. E.g. hourly drop outs leading to daily drop outs.
    iv. Noted that there are some AdoptOpenJDK builds before Temurin equivalents were available. Most requests are for LTS 8/11 latest builds.
    v. Will require clear user communications.
    vi. Early decision can be to remove nightly builds for these old AdoptOpenJDK. PMC agreed to do so.
    vii. Bi-weekly call with JFrog to review progress.
  - The Adoptium artifactory
    i. Current usage is 10-20Tb/month.

- ii. Concern is that this will increase by the full amount of the AdoptOpenJDK usage when that is shut down.
- iii. Options should be discussed - including off-loading some workload to Fastly who have an open source project programme for use of their CDN. George has asked for details.
- iv. Other options would be to back Artifactory on Adoptium sponsored cloud storage. Could also consider mirroring across multiple providers.
  - ○ JFrog are in the process of enabling X-ray to scan for package vulnerabilities. Would be interested in collaboration for Adoptium as a use case.
- Preview of [mid-year program plan review](#)
  - ○ Tim shared the updated mid-year program plan.
  - ○ PMC members were asked to review the updated slides outlining progress to date. This will be taken to the Working Group next week.
- Infrastructure costs and optimisations update
  - ○ EF are reviewing budget spend and run rate for infrastructure costs.
  - ○ Review of provider usage and whether they are still used and providing good value for money. A number of opportunities exist:
    - i. **Scaleway:** Shutting down all capacity as we have sufficient Linux/x64 capability elsewhere at lower cost
    - ii. **MacStadium:** Opportunities to save on x86 usage and move from the standard offerings to our orka account which has lower costs (orka does not provide aarch64/M1 systems at present). Noting that we also have sponsored x64 capacity at MacInCloud and we could see if more is available there if desired, but we will explore the orka option first. It was also noted that testing could also be performed on dynamic machines in the MacStadium orka account.
    - iii. **AWS:** Various systems have been decommissioned in the last year with the result that TRSS is now the predominant cost, and the machines appear somewhat overspec'd for this usage. We will look at provisioning an alternative to this system in a more suitable location, noting that TRSS is now also available through Docker images and easily moved.
    - iv. **Red Hat OpenShift:** Currently running the AdoptOpenJDK API and may be a sponsorship opportunity.
  - ○ Note that Slack costs will be going up significantly. Will consider moving away if possible, or reducing billable usage potentially by using a bridge to another service that we would encourage people to use.
- EF security review?
  - ○ Nobody on the PMC had heard of any progress on this topic, and it is now past the original proposed implementation date.
  - ○ ACTION: Tim to go back to Marta and check on the progress of the EF security audit project.
- Consistency in runtime's zlib dependency ([reference](#))
  - ○ Temurin builds may include zlib in the source tree (--with-zlib=bundled) or use the system version (--with-zlib=system).
  - ○ At the moment we are inconsistent in approach, and this may not have been carefully considered in the past.
  - ○ Propose to agree on a more thorough policy on usage of the zlib.

- ○ Suggestion is to use a bundled zlib as far as is practical.
- ○ Andrew pointed out that the same situation may also be true for FreeType libraries.
- ○ PMC agreed with the approach to move to consistently bundling zlib. This would be done at an appropriate release boundary (not expected prior to the July releases at this point). Would also require change in dependencies in containers and installers, etc.
- ● AoB
  - ○ Early access builds for JDK21 are being published in the [temurin21-binaries](#) repositories. Plan to shut off the regular nightlies so that requests for "nightly" builds through the Adoptium API will always return the latest tagged EA level.

Meeting closed at 14:51 BST