GraalVM Advisory Board May 2022 Meeting

Date

May 25, 2022

Discussion topics

- Alina Yurenko, Thomas Wuerthinger: project updates
    - Jason Greene: we see build time improvements on M1 (even without the quick build mode)
    - Thomas: we are considering adding roles of committer and area lead for the project
- San-Hong Li: PR review request. Based on the discussion with Christian Wimmer, we submitted the implementation for points-to analysis tool under one PR but containing 18 commits. It has been in awaiting review for a long time(3 months~). Can you guys help facilitate this review process? - we can set up some technicial discussion meetings if needed.
    - https://github.com/oracle/graal/pull/4375
    - Two other PRs are in pending review:
    - https://github.com/oracle/graal/pull/4482
    - https://github.com/oracle/graal/pull/4488
        - Having a committer role could help with the review process
        - Thomas: we will follow-up on each PR on GitHub

- Jason: Will the GraalVM team participate in creating the Leyden specification?
    - Thomas: We will closely monitor the discussions and incremental developments of the Leyden project and intend to provide potential feedback. At the same time, we will continue working on GraalVM native image in collaboration with the community in the context of the GraalVM project. Our focus is on further improving its performance and memory footprint characteristics.
- Jason: We want to make sure that the changes suggested by Project Leyden are also compatible with GraalVM native image.
    - Thomas: We intend to closely track incremental changes introduced by Leyden for the Java platform. For possible resulting adaptations of GraalVM native image, we will put efforts into providing smooth migration paths for existing users.