Future JCP Discussion

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Background

January JCP EC Meeting

– Noting changes in Java ecosystem
  • Migration of EE 8 to Eclipse Foundation => fewer JSRs thru JCP
  • SE rapid development via Open JDK “code-first” model
– IBM asked: What (if any) is future role for JCP?
– Oracle agreed: should be focus of future EC meeting discussion

Following is Oracle contribution to initiate that discussion
JCP Fundamentals

JSPA (Java Specification Participation Agreement)
- Legal agreement (or equivalent) between Oracle and all participants
- Commits IPR to current and future JSRs developed through JCP

Modifying JCP done via JSRs with EC as Expert Group
- JSPA revision: difficult/impossible & time/resource intensive
- Process document changes: relatively easy & fast

Oracle is focused on the continued evolution of Java SE
- Propose: modify process document to reflect current reality
Evolve the JCP Process

Initiate a new Process Change JSR (June 2018)
  – Process Document change
  – Leave JSPA as is

Resume the JCP.Next Working Group
  – Frequent WebEx/Telecon meetings to advise Expert Group = EC
Streamline & Update

Streamline the JCP Process
- Align with open source (code first) development
  • i.e., specification and test suite following vs specification first
- Combine EDR & PR into one 30-90 day community and public review
- Other...

Update text descriptions of the JSR milestone descriptions
Continuous Delivery

Consider how to embrace continuous delivery of platform specifications:

– Plan to have new Platform JSRs for Java SE every six months, on a train release model, with content determined during development
– How can we adjust the process to accommodate?

Some initial ideas:

– Multiple final releases with one Umbrella JSR
– Open and approve new JSR in specified intervals, e.g., every x days
– Other…
JCP Executive Committee (EC)

Consider how to scale the size and participation burden of EC

- Reduce the number of EC seats?
  - Could do via maintenance release prior to 2018 elections
- Review/revise duties and responsibilities of the EC
  - Align with open source (code first) rapid development
- Reconsider frequency, mode, & timing of meetings for 2019
Next Step: JCP.Next Working Group

Participate in Doodle Poll
Meetings to start in June 2018
Thank you!
http://jcp.org