Jakarta EE Spec Committee - May 3rd, 2023

Attendees (present in bold):

Kenji Kazumura - Fujitsu
Emily Jiang - IBM - Tom Watson
Ed Bratt - Oracle - **Dmitry Kornilov**
Andrew Pielage - Payara - **Petr Aubrecht**
David Blevins - Tomitribe - Jean-Louis Monteiro, **Cesar Hernandez**
Ivar Grimstad - PMC Representative
Marcelo Ancelmo - Participant Member - **Abraham Marin-Perez**
Werner Keil - Committer Member
Scott Stark - Red Hat - Scott Marlow Enterprise Member
Zhai Luchao - Shandong Cvicse Middleware Co. - Enterprise Member

Eclipse Foundation: Tanja Obradovic, Wayne Beaton, **Paul Buck** (chair)

Past business / action items:
- Approval is requested for the minutes from the April 19th, 2023 meeting as drafted - Approved.

Agenda:
- Ongoing tracking [spreadsheet](#) of specifications progressing through the [JESP](#) version [lifecycle](#)
  - Getting ready for Jakarta EE 11
- Ongoing work on and resolve Specification Committee's process enhancements items including those identified in the Jakarta EE 10 retrospective:
  - Issues with the "enhancement" label are [here](#)
  - Enhancement labeled issues in a project board is [here](#)

  See the issues in the board for updates
  Emily agree to help progress issues [#57](#) and [#59](#)
- Need to invite Ed Burns (MSFT) & Arjan Tijms (OmniFish) to the Specification Committee calls as EE11 release co-coordinators
  - Paul to take the action invite them both to bi-weekly calls
- Formalizing the <u>compatibility requirements</u> for specifications in the [JESP](#) and then updating the [Compatibility Requirements page](#) of the Jakarta EE Platform project.
  - Issue created by Scott Stark of what needs to be done, see
    https://github.com/jakartaee/specification-committee/issues/73
  - Proposal - shift this topic to the Platform Project, focus is on automation of testing of compliance with the semantic versioning model to flag problems w/ backward compatibility. There are discussions regarding using the OSGi BND tool and the

namespace the tool uses.

Note CDI 4.0 did introduce a backward in-compatible change which was inconsistent with the guidance in the Compatibility Requirements page.

Given that situation, we do need to:

> Clarify the Jakarta EE semantic versioning model and then
> - Update the JESP if needed
> - Update the Compatibility Requirements page
>
> Or we can start with a discussion regarding should Jakarta EE allow backward compatibility changes? Yes
>
> Homework - carefully review the Compatibility Requirements page
>
> Adopt a tool to detect any backward compatibility problems to assure consistency w/ the agreed to semantic versioning model

04/05 A copy of the [Backwards Compatibility page](#) was made in a [google doc](#) where suggested edits were made and discussed on the call. Further refinements can be made in the document and reviewed in the Committee call on 04/19.

04/19 Continue review and refine the proposed updates to the Backward Compatibility page in the [google doc](#)

- Discussion was had based on the comments from Scott Stark in the google doc regarding not starting w/ the Backward Compatibility page and evolving that doc, rather start with how semantic version applies
- Key question is are we going to allow incompatible changes? If yes, then semantic versioning is an option
- In Jakarta EE 10 a number of specs including CDI behavior change made backward incompatible changes
- Should Jakarta EE adopt a hybrid versioning model? Not a pure implementation of Semantic Versioning.
- Idea: Apply semantic versioning to the component specifications, they are then responsible for how backward compatibility is retained?
- Consider adopting a model similar to Java SE?
- Straw poll - anyone object to backwards incompatible changes being permitted?
  - Consensus: no objections
  - Next step: Work is required to clarify when and how it is done in managed way

05/03 Call for volunteers to draft our policy for managing backward incompatible changes.

Further discussions were had on how best to manage incompatible changes, Andrew Pielage (Payara) volunteered to create a draft policy for the committee to review and progress the draft.