

Recommended Approach for Creating Jakarta EE 8 Component Specifications

The following recommended approach for creating Jakarta EE 8 component specifications was reviewed and approved by the Jakarta EE Steering Committee.

Summary Recommendation

- The Jakarta EE 8 Platform specification will contain updates to the current Java EE 8 specification text that has been contributed by Oracle to the Eclipse Foundation. The Eclipse Foundation will obtain the necessary copyright clearances required to reuse and update this specification text. However, we do not expect that the necessary copyright clearances will be obtained to create updated specification text for many of the Java EE 8 component specifications.
- In order to meet planned Jakarta EE 8 release dates, each component specification project team should create a “boilerplate” specification that meets the minimum requirements for Jakarta EE 8 component specifications.
- “Boilerplate” component specifications should be created for components by (no later than) **July 15** for PMC and Specification Committee vetting. Instructions are provided as a convenience for project teams.
- If the Eclipse Foundation obtains copyright clearance for modification and reuse of the specification text in question, component specification teams may evaluate whether to include modified specification text for their Jakarta EE 8 component specification, *after* they create the “boilerplate” specification. Specifications with modified text should be created by (no later than) **July 15** for PMC and Specification Committee vetting.
- Component specification teams should plan on submitting final component specifications, for which no required changes will be expected, for final review by (no later than) **July 22**.

Background and Instructions for Creating “Boilerplate” Specifications

The target release date for Jakarta EE 8 is September 10. The release schedule is being maintained here:

<https://docs.google.com/spreadsheets/d/14zRq36PiAmsNQuVB6t3ligCXIP3TGRCGggDmlGnAPyc/edit#gid=297538807>

The list of Jakarta specification projects is being maintained here:

<https://docs.google.com/spreadsheets/d/18SraPxRBCOyaS6w-UV6TR-UA1bWy1--sV0ky6msAjWY/edit#gid=2075229122>

New Jakarta EE 8 specifications will be required for these specifications.

In order to create, approve and upload all final Jakarta EE 8 specifications and related materials by September 10, and assuming a 30-day review period for proposed specifications, all specifications must be ready for “final review” as part of the formal specification process by July 22. **We recommend that all specification projects create specification documents, for vetting by PMC and Specification Committee, by July 15, or one week prior to the beginning of the final review period, in order to ensure that these documents will be approved during the formal “final review” period.** Changes to specification documents that are in final review would require resetting the beginning review period, potentially placing the overall Jakarta EE 8 schedule at risk.

The Jakarta EE 8 Platform specification will contain updates to the current Java EE 8 specification text that has been contributed by Oracle to the Eclipse Foundation. The Eclipse Foundation will obtain the necessary copyright clearances required to reuse and update this specification text. However, we do not expect that the necessary copyright clearances will be obtained to create updated specification text for many of the Java EE 8 component specifications. The minimum requirement for Jakarta EE 8 component specifications is that they contain a new specification name, a scope statement, a statement referencing use of Oracle/JCP acronyms (if required) and Javadoc generated from contributed sources. The Release Review of component specifications must also reference the applicable TCK. It is not required that Jakarta EE 8 component specifications contain specification text.

The Jakarta EE Steering Committee recommends that, as a first step toward creation of Jakarta EE 8 component specifications, that all component specification project teams create “boilerplate” specifications that meet the minimum requirements described above, before attempting to include modified specification text. Summary instructions for doing this, using a “boilerplate” specification template, are provided below as a convenience for project teams:

```
$ git clone git@github.com:bshannon/spec-template.git my-whatever-spec
$ cd my-whatever-spec
$ vi README.md assembly.xml # update spec name
$ vi pom.xml # update spec name, coordinates, version number, etc.
$ mv src/main/asciidoc/Wombat.adoc src/main/asciidoc/MyWhateverSpec.adoc
$ vi src/main/asciidoc/MyWhateverSpec.adoc # update name, version, add scope
$ git # or replace with your own images
```

```
$ mvn # spec html and pdf are in  
target/generated-docs/MyWhateverSpec.{html,pdf}  
$ rm -rf .git  
$ git init .  
$ git add . $ git commit -m 'First version of My Whatever Spec'  
$ git remote set-url origin git@github.com:eclipse-ee4j/my-whatever-spec.git  
$ git push
```

Executing the instructions provided above will generate a “boilerplate” specification document and push it to the (presumed empty) specification repository. Users should adapt the instructions as needed if the spec is going elsewhere. It is assumed component specification project teams already know how to generate and deploy their API jar file, which will produce a jar file with the javadocs. Component specification project teams can produce the javadocs using this or any other approach, as long as they end up with a jar or zip file.

If the Eclipse Foundation obtains copyright clearance for modification and reuse of the specification text in question, component specification teams may evaluate whether to include modified specification text for their Jakarta EE 8 component specification, after clearance has been obtained, and after they have created a “boilerplate” specification. Specifications with modified text should be made available by (no later than) July 15 for PMC and Specification Committee vetting.

Component specification teams should plan on submitting final component specifications, for which no required changes will be expected, for final review by (no later than) July 22.