JSR 359 SIP Servlet 2.0

May 13, 2014

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Scope of SIP Servlet 2.0

• Align with latest Java EE standards
  – Current API is based on Java EE 5
• Align with latest Telco standards
  – Updates to RFC 3261
• API Enhancements and Simplification
• Why do this JSR?
  – The current API is based on old platform and standards
  – Contemporary style API

• How does it fit in to the Java ecosystem?
  – SIP Servlet API is not part Java EE platform. However it leverages EE technologies to a great extent.

• Is the idea ready for standardization?
  – This is not a new technology.
  – The update is well past due.
History

- List the significant dates in the history of the JSR.
  - 2nd July 2012: JSR submitted
  - 30th July 2012: JSR Approved
  - 15th June 2013: Early Draft Review
  - 16th May 2014: Public Review
Technical scope and features

• Java EE 6/7 Alignment
  – Servlet 3.0
    • Container pluggability
    • Dynamically adding servlets, listeners
  – Portable JNDI, EJB in SIP application
  – Java EE module names for application composition
  – CDI support for SIP Servlets
Technical scope and features

• Latest Telco Standards
  – Updates to RFC 3261
    • SIP over WebSockets
    • RFC 6026, 6665, 5393, 6141
  – SIP Session Timers.
  – SIP Outbound.
  – 3GPP Dialog Terminating Proxy.
Technical scope and features

• API Refresh, Updates
  – POJO SIP Servlets.
  – B2B support APIs, Better forking support
  – Dialog termination by the container.
  – Concurrency utilities.
  – Flexible DAR configuration support.
  – General improvements and APIs.
The Expert Group

• SIP containers
  – *Oracle*: Binod P.G, Tomas Ericson
  – *IBM*: Nitzan Nissim, Brian Pulito
  – *Thrupoint*: Keith Lewis, Tom Strickland
  – *Voxeo*: Wei Chen

• Open Source SIP container
  – *Telestax*: Jean Deruelle, George Vagenas

• Telco Industry
  – *AT & T*: Eric Cheung, Daniel Timoney
  – *Cisco*: Subramanian Thamaraisamy
  – *Twilio*: Jonas Borjesson
  – *Open Cloud*: David Ferry
  – *Ericsson*: Kristoffer Gronowski
Project Tools and Collaboration

• Face To Face : January 2013
• Mailing List
  – https://java.net/projects/sipservlet-spec/lists
• Regular EG Phone Meetings
  – Notes are posted on the mailing list
• Issue Tracker
  – https://java.net/jira/browse/SIPSERVLET_SPEC
• Other than Spec, RI, and TCK:
  – Set of blogs from spec lead to explain important features (planned)
Publicity

• Provide links to FAQs, tutorials, conference proceedings, etc.
  – JavaOne 2011 BOF:
    http://parleys.com/play/5148922a0364bc17fc56c651/chapter0/about
Collaboration with other community groups

• Are you working with other community groups or organizations?
  – NA
Implementations

• How many implementations (apart from the RI) exist?
  – The implementations including RI are in progress.
Schedule

• Indicate the expected schedule to completion of the JSR, with milestones and JSR stages.
  – Q3 CY2014: Public Final Draft
  – Q4 CY2014: Final Release
• Provide pointers to the licenses for the Spec, RI, and TCK.
  – TCK: https://jcp.org/aboutJava/communityprocess/licenses/jsr359/SATCK-JSR-359-4_5_12.pdf

• How are you handling contributions from non JCP members? N/A

• What Terms of Use apply to your collaboration tools?
  – Standard Terms for java.net
RI and TCK development

• How are you developing the RI and TCK?
  – Oracle is developing the RI and TCK internally.

• Is the RI available for public download? (If so, provide URL.)
  – Not yet available

• Is the TCK available for public download? (If so, provide URL.)
  – Not yet available

• Do you have a source-code repository? (If so, provide URL.)
  – No
Participation and transparency

- Provide a pointer to the JSR page on JCP.org

- Provide a pointer to the “JSR project website” (eg, on Java.net.)
  - https://java.net/projects/sipservlet-spec
Issue tracker

• Total number of issues?
  – 41

• How many in each state (open, closed, deferred, etc?)
  – Open: 5 Resolved: 30: Deferred: 3

• Average number of issues logged per month?
  – ~2 per month

• Average number of issues resolved per month?
  – ~2 per month

• How many different people logged them?
  – 11

• How does this break down between Spec Lead, EG members, and non-EG members?
  – Spec Lead: 36, EG Members: 5
Document archive

• Provide a pointer to your document archive.
  – [https://java.net/projects/sipservlet-spec/downloads](https://java.net/projects/sipservlet-spec/downloads)

• Are meeting minutes and materials published?
  – Meeting notes are published on mailing list

• What other materials are available for download?
  – Intermediate working drafts of the specification.

• Total number of files available for download?
  – 12

• Average number of new files available for download each month?
  – 0.5
• Provide information – including metrics – about any additional transparency and participation mechanisms you use.
  – NA
Thank you!
http://jcp.org