Apache Tomcat 7 and 8

Mladen Turk
Red Hat
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About me

• Mladen Turk
  • Tomcat PMC chair
  • ASF Member
  • Principal Software Engineer with Red Hat
What we will cover

- What's new in Tomcat 7
  - General improvements
  - Security improvements
- Tomcat 8
Apache Tomcat 7

- Currently in 7.0.23
  - Frequent releases
  - In vote for 7.0.26
  - Will change to RTC
- Significant improvements
  - Performance
  - New features
Apache Tomcat 7

- Servlet 3.0
  - Spec compliant
  - Daily TCK runs
    - No version released without passing TCK!
- JSP 2.2
  - Jasper now part of Tomcat project
Apache Tomcat 7

- Valves replaced by Filters
  - Valves still work
- Embedded improvements
  - Startup reduced
  - Easy to configure programmatically
  - Can access internals
Apache Tomcat 7

- Manager app security improvements
  - Lets you deploy applications
  - New roles for fine grained access control
  - Use POST for non-idempotent
  - Any POST request requires a nonce
Apache Tomcat 8

- Servlet 3.1
- JSP 2.3
- Depends on JSR's
  - ASF is no longer participating in JSR process
- WebSockets
- SPDY
  - Replacement for AJP?
Apache Tomcat 8

- Code refactoring
  - Cleanup unused code
  - Axe deprecated API
- Maven build system
  - Problem with porting patches from 7.x and 6.x branches
Conclusion ...

- Tomcat is very much alive
- Great developer community
- Commodity infrastructure
Thank you.