



Apache Tomcat 7 and 8

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About me

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 - Tomcat PMC chair
 - ASF Member
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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
 - <http://svn.apache.org/repos/asf/tomcat/sandbox/trunk-mvn-build/>
 - Problem with porting patches from 7.x and 6.x branches



Conclusion ...

- Tomcat is very much alive
- Great developer community
- Commodity infrastructure



Thank you.

