# STATE OF THE CAT

**MARK THOMAS** 

#### INTRODUCTIONS

markt@apache.org

Tomcat committer since 2003

Tomcat PMC member since 2005

Also Commons, ASF member, Infrastructure volunteer, VP Brand Management, former Director

#### RETROSPECTIVE

Looking back over the last 12 months

Community

Code

Future plans

## **COMMUNITY**

#### **PEOPLE**

~2,900 subscribers to the users list

~80 contributors

Welcome to Raymond Augé (July 2020)

19 committers - ~4 active

28 PMC members - ~15 active

#### **EVENTS**

ApacheCon Europe, October 2019

Past presentations:

https://tomcat.apache.org/presentations.html

Google has provided \$5,000 towards a security hackathon

#### **TRANSLATIONS**

https://poeditor.com/projects/view?id=221603

Anyone can contribute

Chinese and Japanese joined English, French and Korean at 100% coverage

Continue to see improvement in German, Spanish and Czech

#### MIGRATION TO GIT

Steady stream of PRs

mod\_jk migrated to git

website, taglibs and Maven plug-in still in svn

# CODE

### **RELEASES**

	0	N	D	J	F	M	Α	M	J	J	Α	S
10.0.x	-	-	-	-	<b>1</b> st	Χ	Χ	Χ	Χ	Χ	-	Χ
9.0.x	Χ	Χ	Χ	-	Χ	Χ	Χ	Χ	Χ	Χ	-	Χ
8.5.x	Χ	Х	Χ	-	Χ	Χ	Χ	Χ	Χ	Χ	-	X
7.0.x	-	-	Χ	-	Χ	Χ	-	Χ	-	Χ	-	X
Native	-	-	-	-	-	-	Χ	_	-	-	-	X
mod_jk	-	-	-	_	-	Χ	_	_	-	-	-	_

#### **OPENJDK**

Number and progress on reported bugs has slowed

Java 13 reached EOL

Java 14 arrived and reached EOL

Java 15 arrived

Test early access releases

Aim to be buildable with any current Java version

#### **METRICS**

Fixed ~150 bugs

Another ~95 bugs resolved

Typically ~5 open bugs

Currently ~80 open enhancement requests

135 pull requests

133k LoC (no change in 12 months)

#### **SECURITY**

CVE-2020-1938: AJP request injection

CVE-2020-9484: RCE via session persistence

### **NEW/IMPROVED FEATURES**

Use ALPN with Java 8 where supported

Deprecated the JMX life-cycle listener

More secure defaults for AJP

#### **JAKARTA EE**

Jakarta EE 9 is package rename only

Expected by the end of the year

Tomcat 10.0.x

More detail in next session

#### **FUTURE PLANS**

Tomcat 10.0 beta expected end 2020 / early 2021

Tomcat 10.0 stable expected shortly afterwards

Tomcat 10.0 will track minor specification updates

Start on Tomcat 10.1 / Jakarta EE 10?

#### **CONTRIBUTE**

Join the users list, answer questions

Test release candidates

Review and/or add translations

Maven Plug-in

Javadoc fixes

Or something else...

# **QUESTIONS?**

#### **THANK YOU**

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