

```
@Override  
protected void onPostExecute()  
    if(hud != null && hud.isShowing())  
        hud.dismiss();  
  
    if(images != null && !images.isEmpty())  
        imagesList = new ArrayList<>();
```

REVIEW JAVA ECOSYSTEM TRENDS 2023

Miami JVM Group

<https://www.meetup.com/miami-java-user-group/>

Wednesday, March 29, 2023

THANKS MARCELO



Marcelo Olivas was the organizer of the Miami JVM User Group aka (Miami Java User Group) from Jan 2011 to Feb 2023. We appreciate the work that he put into this group.

<https://www.linkedin.com/in/marceloolivas/>

EUGENIO ALVAREZ



A South Florida Software Engineering Management professional with 25 plus years of experience in the design, construction and deployment of software. Started working with Java in 1997. Unit test infected since 1999. An advocate for Agile Software Engineering methods using Kanban and Scrum.

www.linkedin.com/in/ealvarez

WE WILL DISCUSS

- Java versions
- Java distributions
- Java web frameworks
- Java build systems
- Other languages commonly used with Java

JAVA VERSIONS

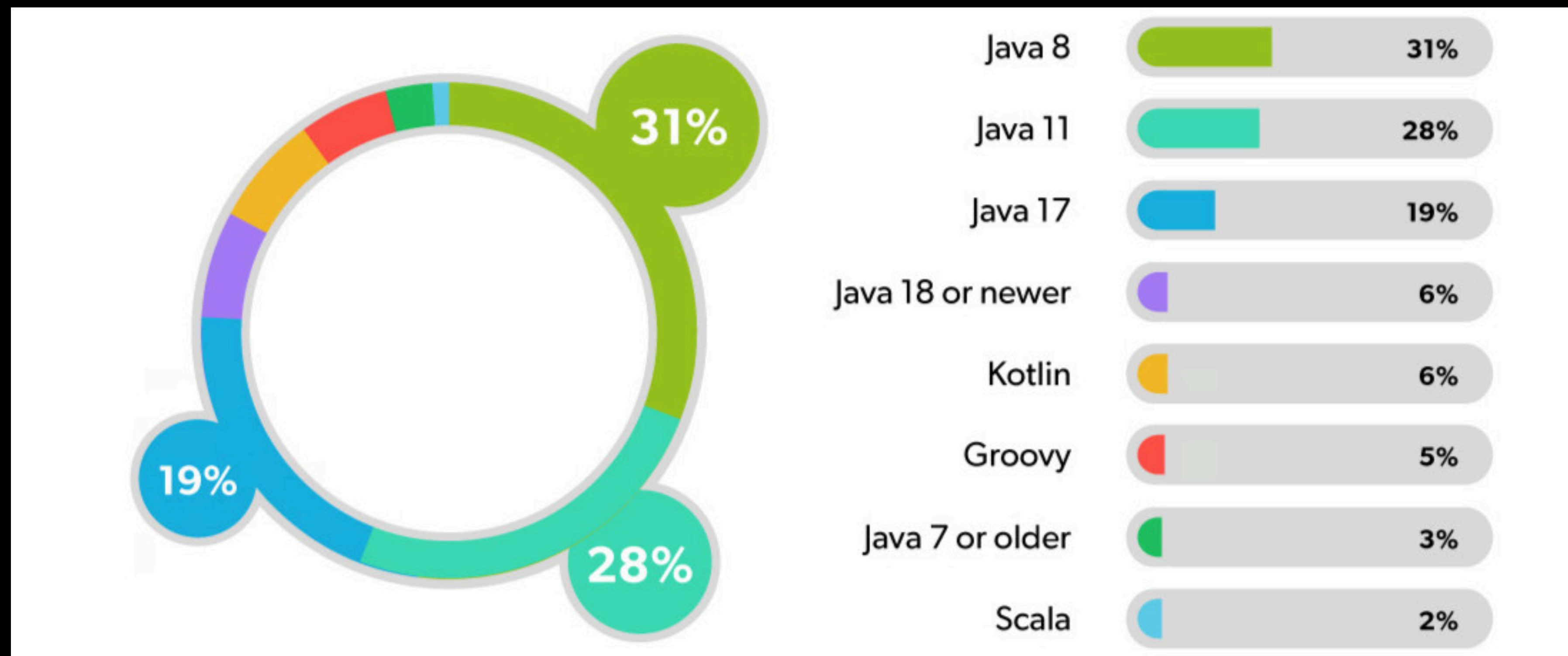
VERSION	RELEASE DATE	END OF FREE UPDATES	EXTENDED SUPPORT
JAVA SE 8 (LTS)	18TH MARCH 2014	(OPENJDK CURRENTLY MAINTAINED BY RED HAT) ^[19] MARCH 2022 FOR ORACLE (COMMERCIAL) DECEMBER 2030 FOR ORACLE (NON-COMMERCIAL) DECEMBER 2030 FOR AZUL ^[12] MAY 2026 FOR IBM SEMERU ^[14] AT LEAST MAY 2026 FOR ECLIPSE ADOPTIUM ^[10] AT LEAST MAY 2026 FOR AMAZON CORRETTO ^[11]	DECEMBER 2030 FOR ORACLE ^[9] NOVEMBER 2026 FOR RED HAT ^[13]
JAVA SE 11 (LTS)	25TH SEPTEMBER 2018	(OPENJDK CURRENTLY MAINTAINED BY RED HAT) ^[20] SEPTEMBER 2026 FOR AZUL ^[12] OCTOBER 2024 FOR IBM SEMERU ^[14] AT LEAST OCTOBER 2024 FOR ECLIPSE ADOPTIUM ^[10] AT LEAST SEPTEMBER 2027 FOR AMAZON CORRETTO ^[11] AT LEAST OCTOBER 2024 FOR MICROSOFT ^{[21][15]}	SEPTEMBER 2026 FOR ORACLE ^[9] SEPTEMBER 2026 FOR AZUL ^[12] OCTOBER 2024 FOR RED HAT ^[13]
JAVA SE 17 (LTS)	14TH SEPTEMBER 2021	(OPENJDK CURRENTLY MAINTAINED BY SAP) ^[24] SEPTEMBER 2029 FOR AZUL ^[12] OCTOBER 2027 FOR IBM SEMERU ^[14] AT LEAST SEPTEMBER 2027 FOR MICROSOFT ^[15] AT LEAST SEPTEMBER 2027 FOR ECLIPSE ADOPTIUM ^[10]	SEPTEMBER 2029 OR LATER FOR ORACLE ^[9] SEPTEMBER 2029 FOR AZUL ^[12] OCTOBER 2027 FOR RED HAT ^[13]
JAVA SE 20	21ST MARCH 2023	SEPTEMBER 2023 FOR OPENJDK	—
JAVA SE 21 (LTS)	SEPTEMBER 2023	SEPTEMBER 2028	SEPTEMBER 2031 FOR ORACLE ^[9]

WHICH JDK IS YOUR MAIN APPLICATION?

Which JDK Programming Languages Are You Using in Your Main Application?

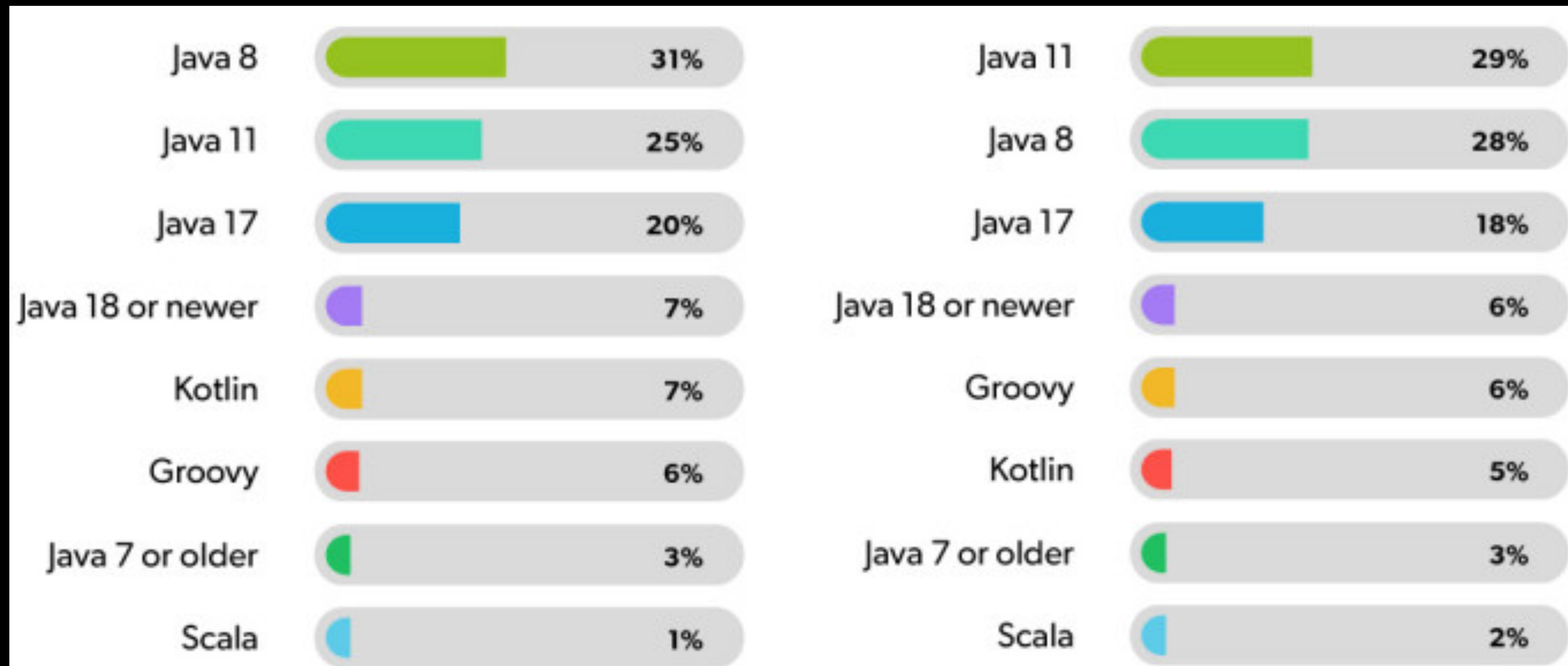
When looking at responses based on company size, Java 8 usage was slightly higher among companies with under 100 employees, while they continued to show elevated usage of Java versions 11 and newer. Meanwhile, companies with over 100 employees showed nearly equal usage of Java 11 and Java 8.

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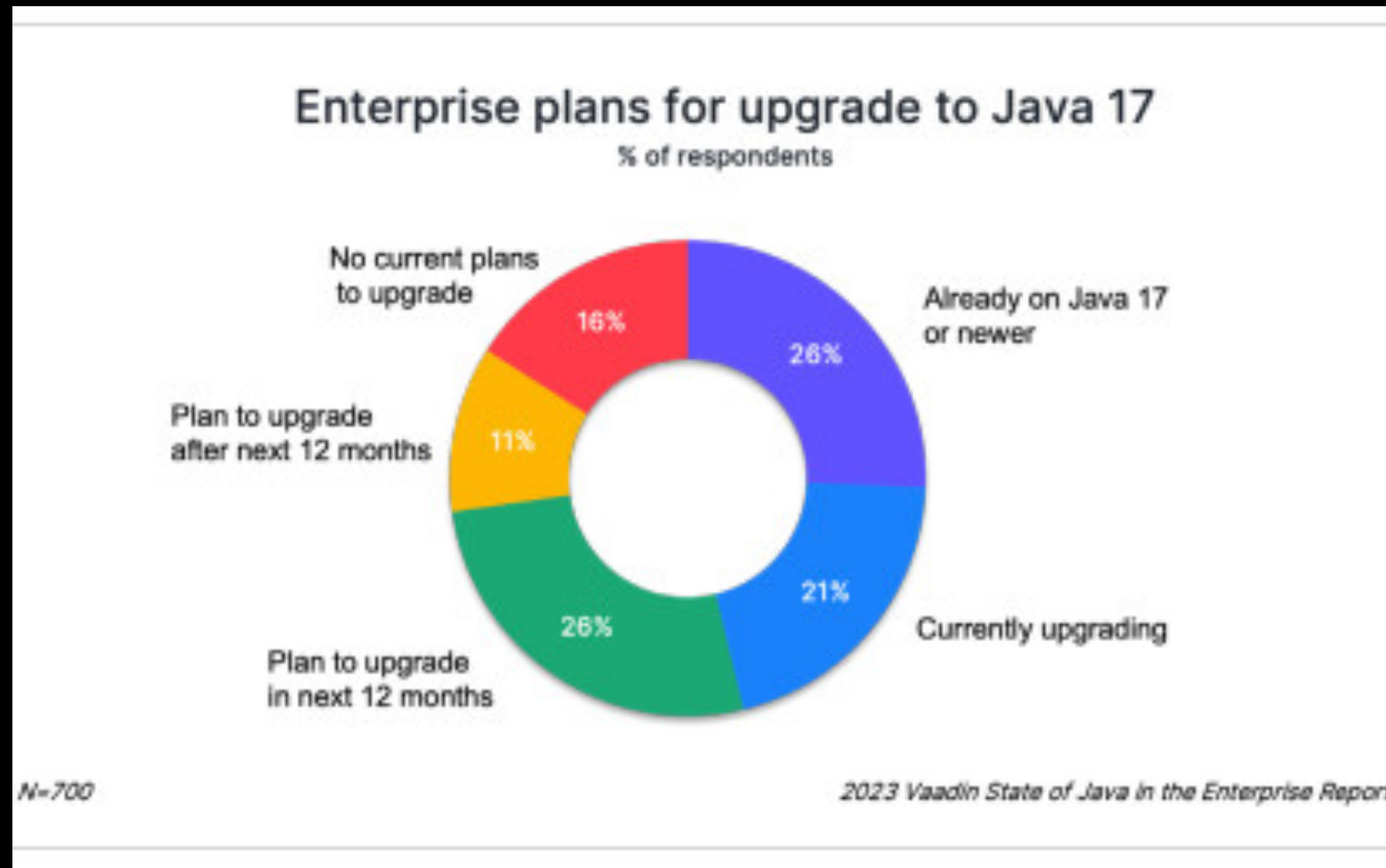


UNDER 100 EMPLOYEES

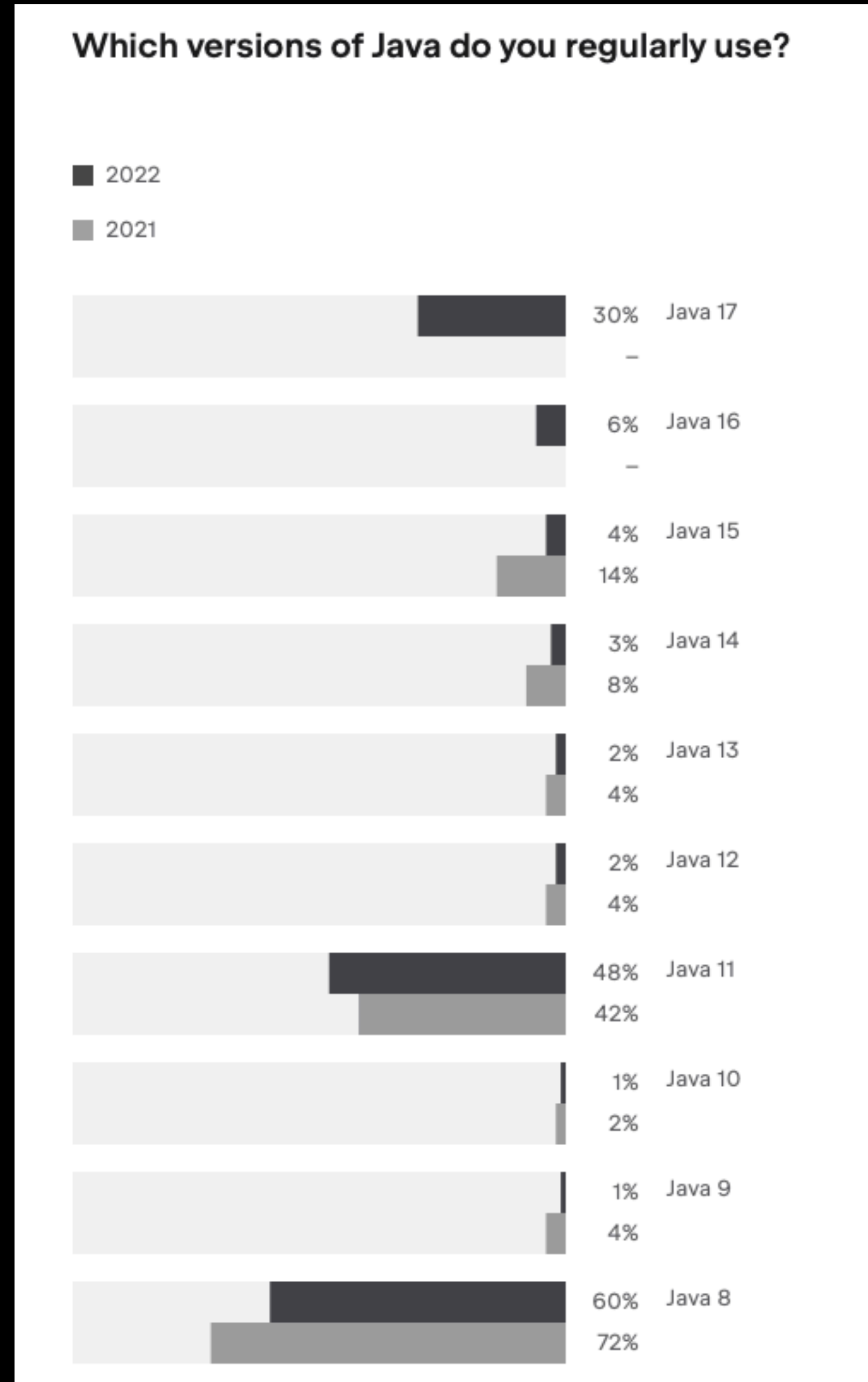
OVER 100 EMPLOYEES



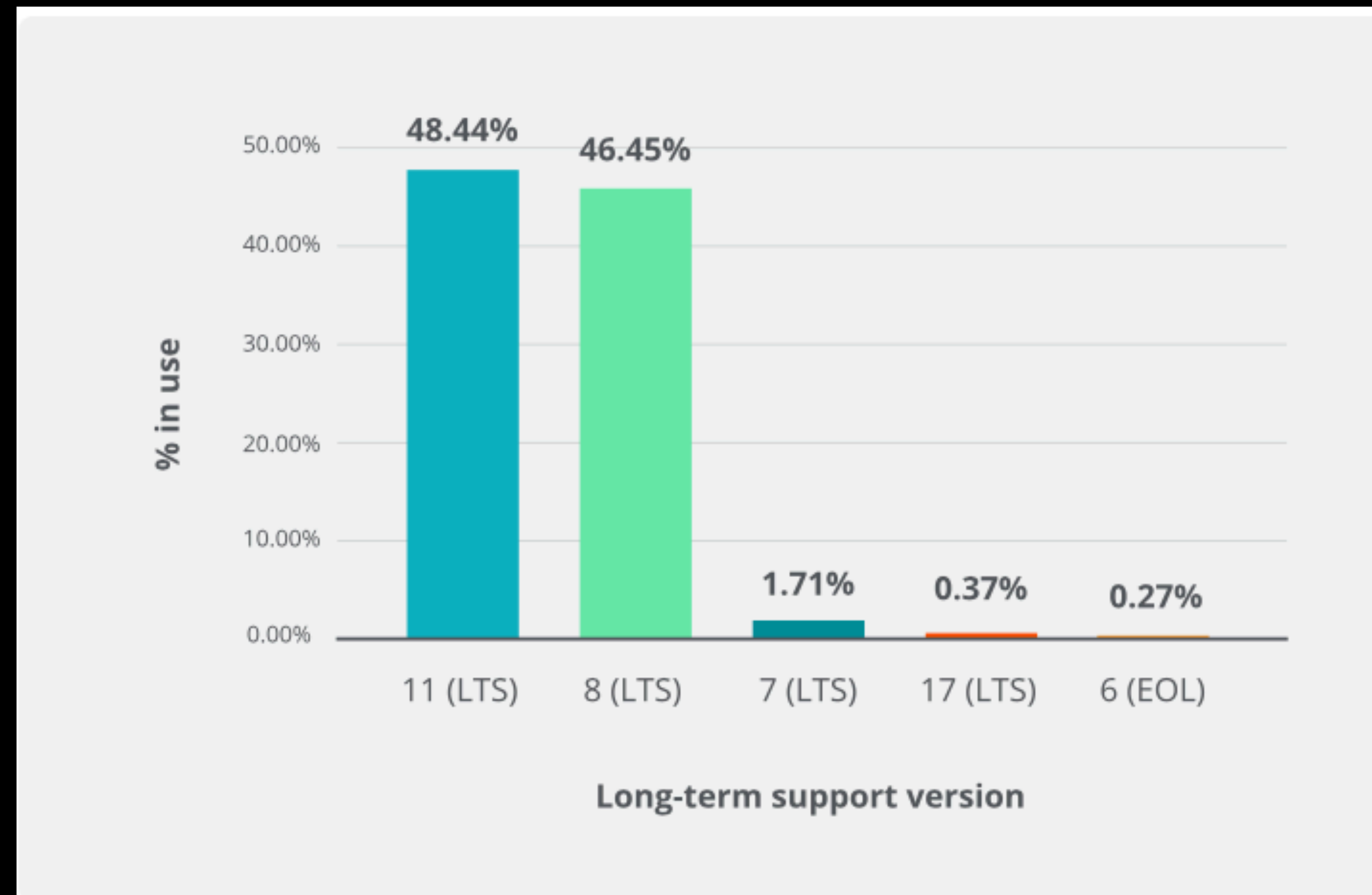
UPGRADING TO JAVA 17



WHICH VERSION OF JAVA?



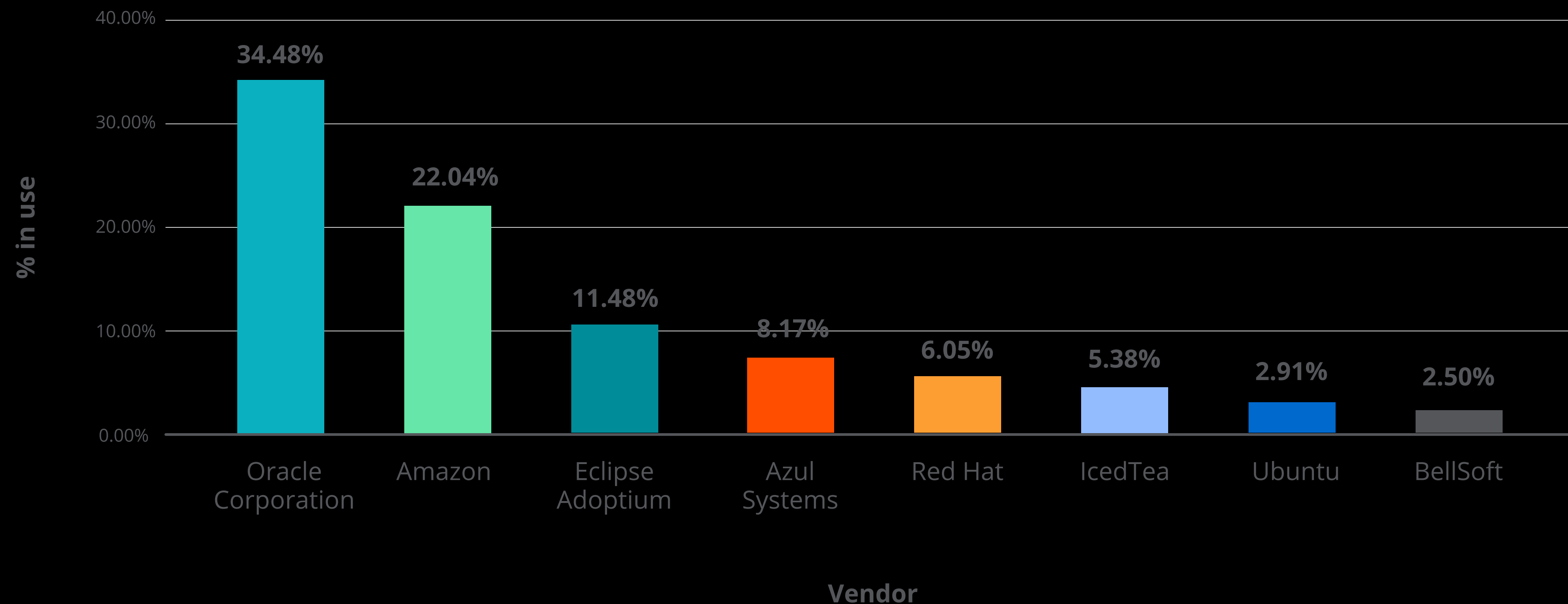
JAVA 11 IS THE NEW STANDARD



Usage data from monitoring production systems

JAVA DISTRIBUTIONS

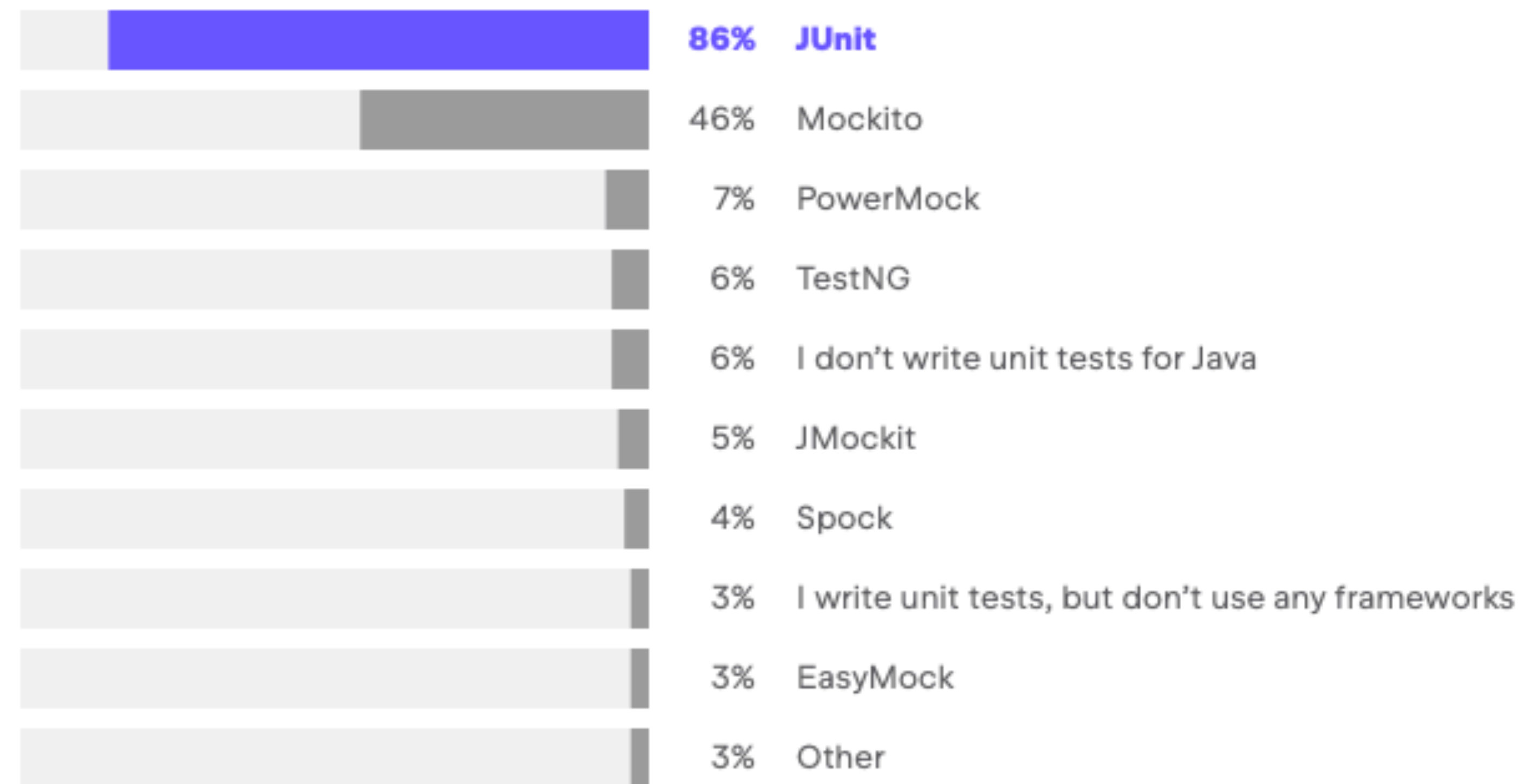
Percent of JDK distributions in use by vendor



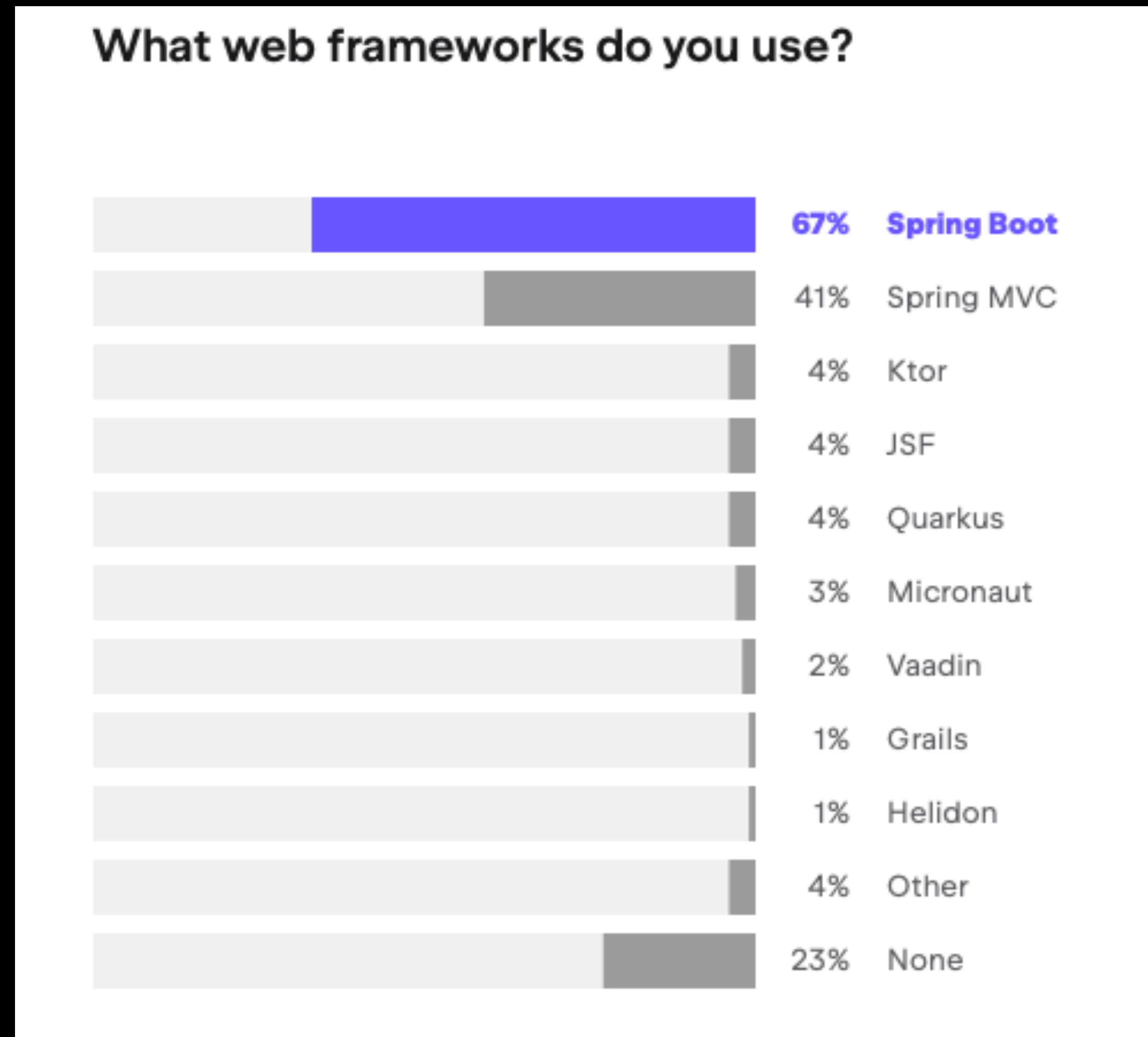
Oracle popularity shrinking

JAVA TESTING FRAMEWORK USAGE

Which unit-testing frameworks do you use?

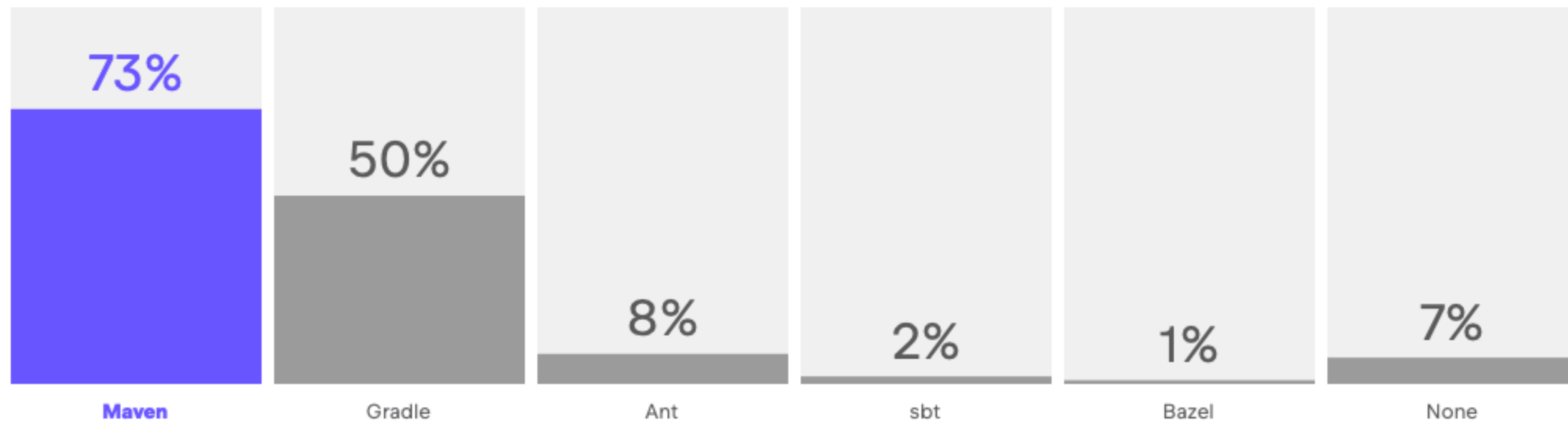


JAVA WEB FRAMEWORKS USAGE

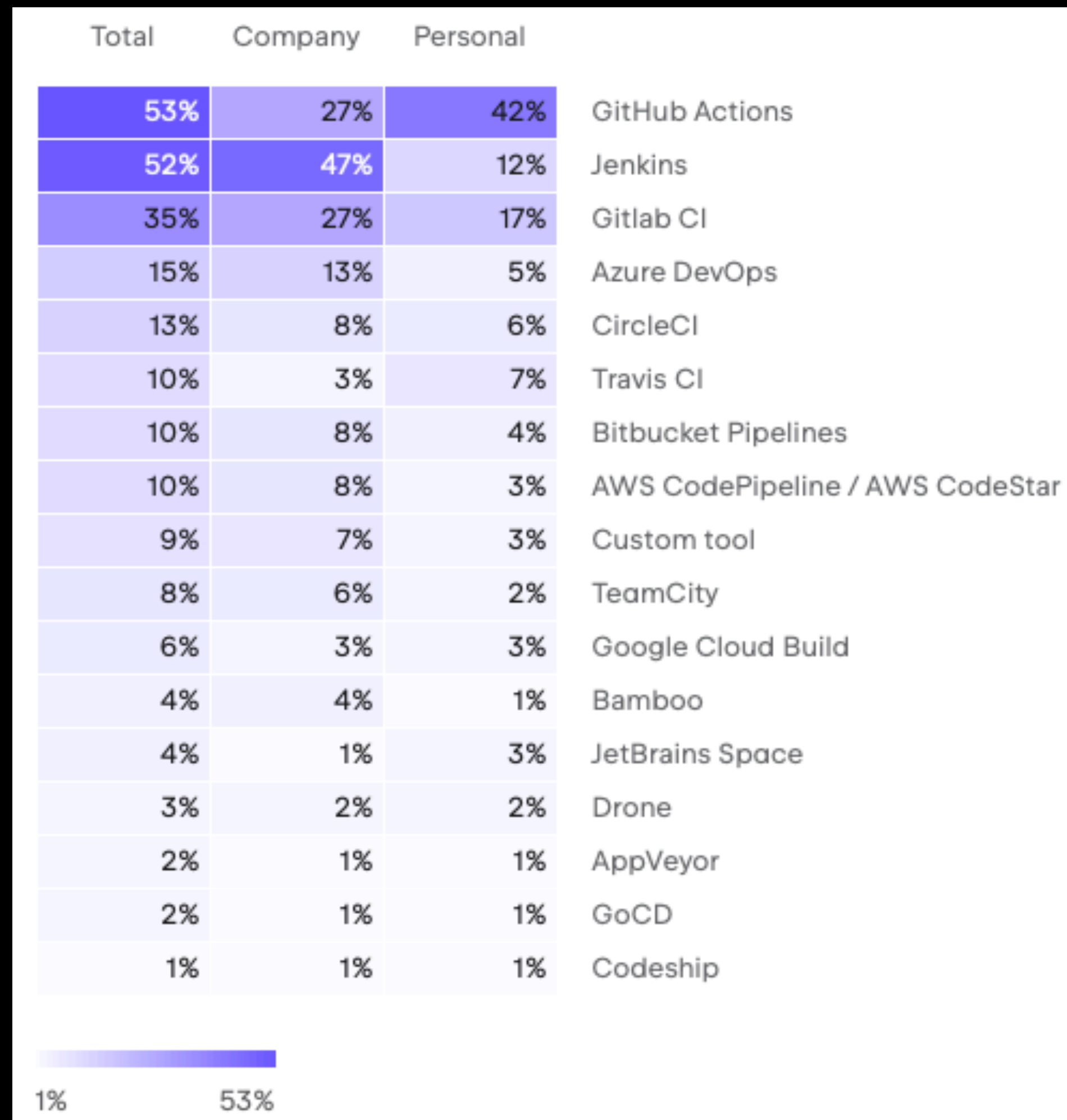


JAVA BUILD SYSTEMS USAGE

Which build systems do you regularly use?

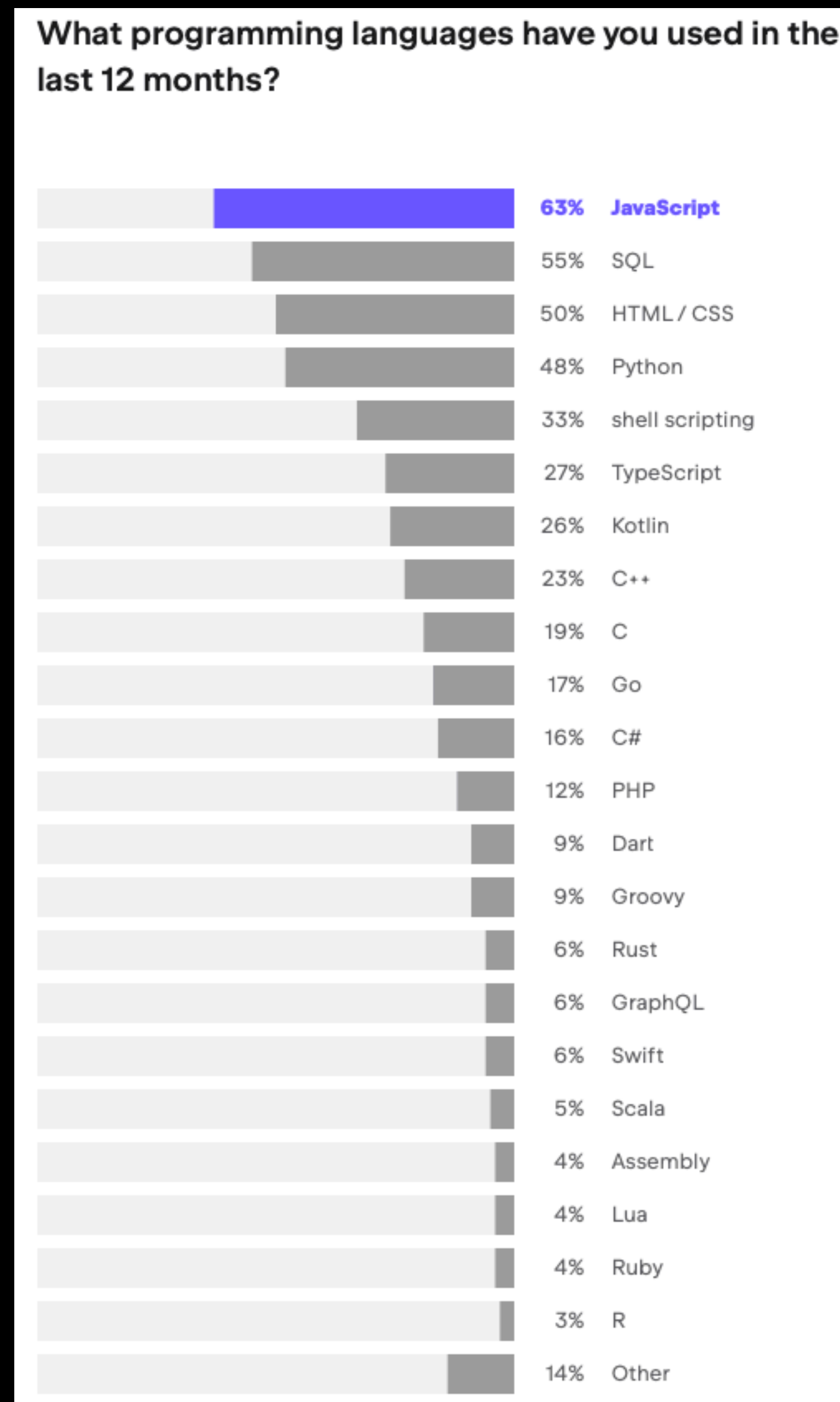


WHICH CONTINUOUS INTEGRATION (CI) SYSTEMS DO YOU REGULARLY USE?



GitHub Actions remains the most common choice for personal use, while companies tend to prefer Jenkins.

OTHER LANGUAGES COMMONLY USED WITH JAVA



SOFTWARE TESTING IN-PERSON PRESENTATION IN TWO WEEKS



The poster is set against a dark blue background with a subtle network pattern. At the top left is the 'South Florida Tech-Hub' logo, with 'South Florida' in a small red circle and 'Tech-Hub' in a stylized white font. To its right, 'SOFLO DEVCON 2023' is written in large, bold, light blue capital letters. Below the logo is a portrait of Eugenio Alvarez, a middle-aged man with dark hair, wearing a dark suit and a light blue shirt. To the right of the portrait is a pink rectangular box with the text 'I'm a speaker this year!' in white. Below the portrait is a white rectangular box with the text 'FREE for attendees!' in blue. To the right of the portrait, on a light blue background, is the speaker's name 'Eugenio Alvarez' and the title 'Software Engineering Management: Integrating Software Testing' in bold black text. Below this, on the same light blue background, is the time '4:00 PM' in bold black text. At the bottom of the poster, a white banner contains the text 'FREE! | APRIL 15, 2023 | 7:30 AM - 7:30 PM |' followed by the 'NSU Florida' logo and the text 'NOVA SOUTHEASTERN UNIVERSITY'.

South Florida Tech-Hub | SOFLO DEVCON 2023

I'm a speaker this year!

Eugenio Alvarez
**Software Engineering Management:
Integrating Software Testing**

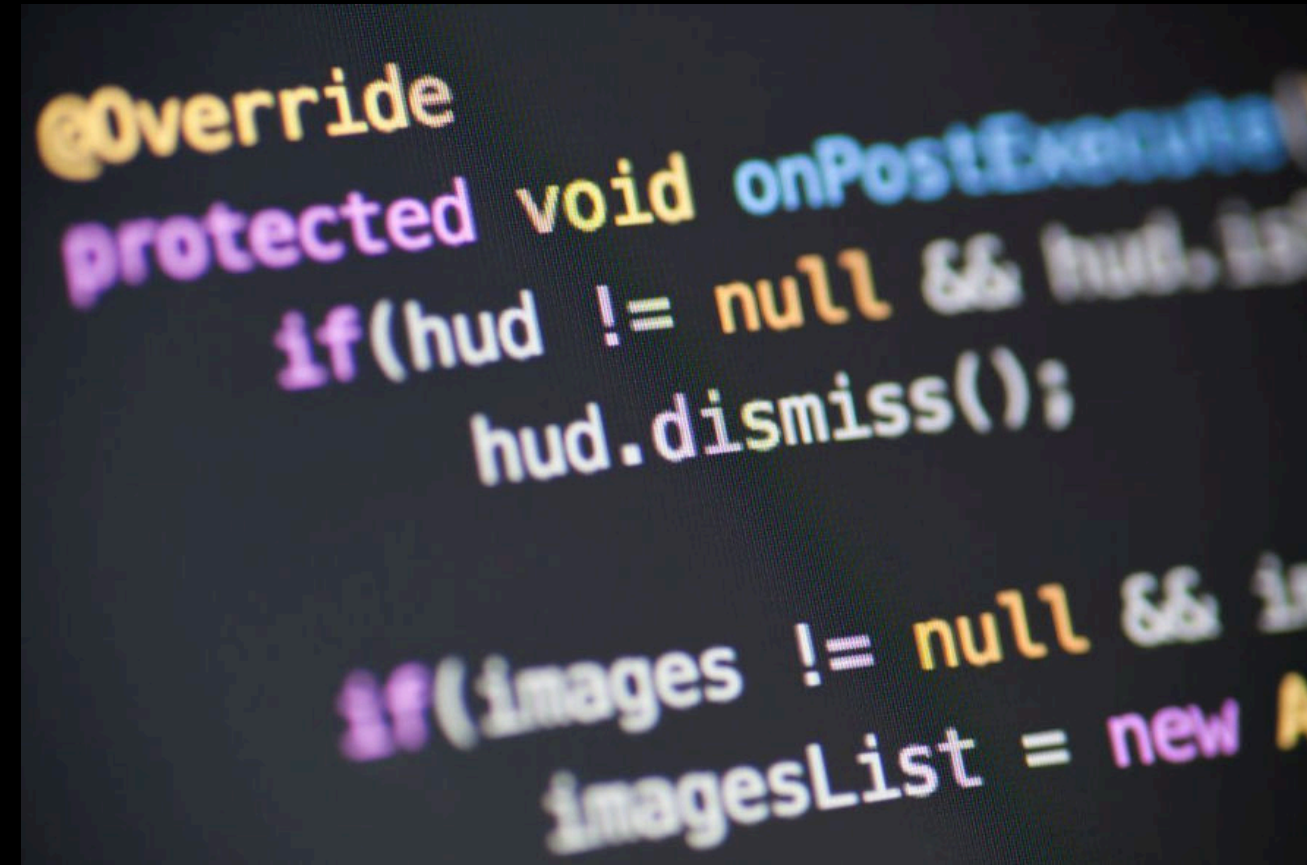
4:00 PM

FREE for attendees!

FREE! | APRIL 15, 2023 | 7:30 AM - 7:30 PM | NSU Florida | NOVA SOUTHEASTERN UNIVERSITY

SEE YOU AT SOFLO DEVCON 2023

JAVA ECOSYSTEM REVIEW



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Thank You

Miami JVM Group

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www.linkedin.com/in/ealvarez

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