

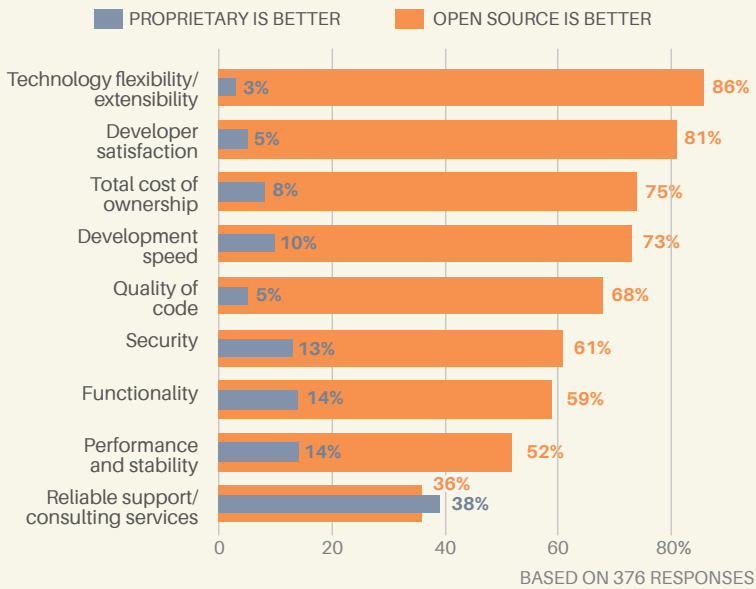


Making open source work better for developers

HIGHLIGHTS OF THE 2019 TIDELIFT MANAGED OPEN SOURCE SURVEY

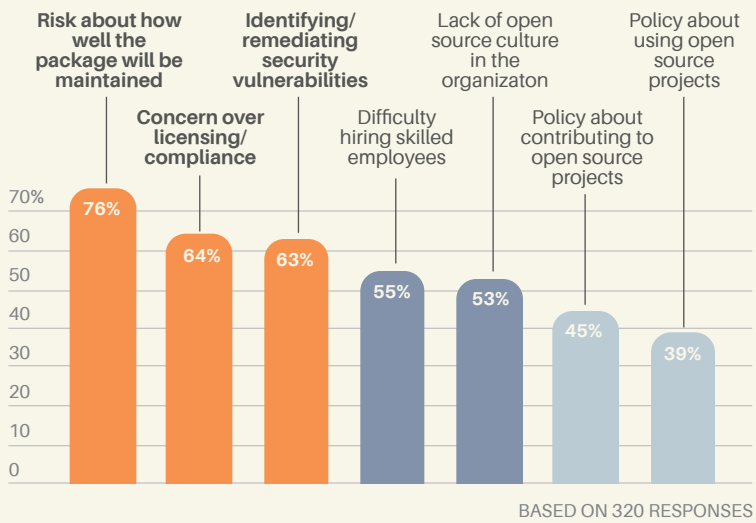
COMPARING OPEN SOURCE AND PROPRIETARY SOFTWARE

Open source is overwhelmingly seen by developers as better than proprietary software in every category except reliable support and consulting services. Closing this support gap is the last hurdle for open source to cross to completely eclipse proprietary software.



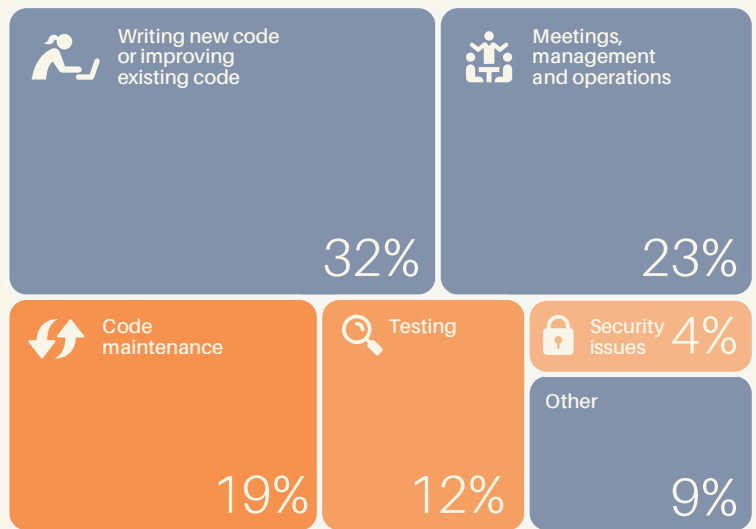
OBSTACLES TO INCREASING USE OF OPEN SOURCE

Most developers are concerned about how well open source packages will be maintained into the future. Other pressing issues like concerns over licensing and compliance, identifying and remediating security vulnerabilities, and hiring skilled employees also weigh heavily on their minds.



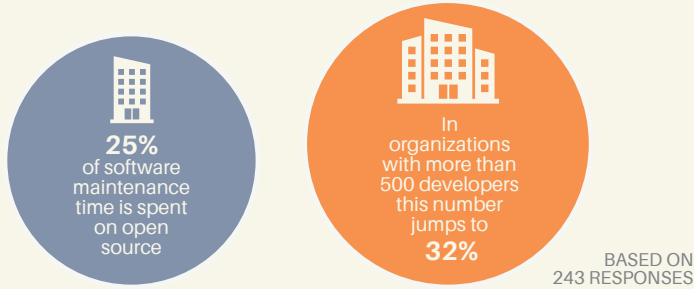
HOW DEVELOPERS SPEND THEIR TIME

Developers spend more time maintaining, testing, and securing existing code than they do writing or improve code. What more could they do if they were spending less time on maintenance?



MAINTENANCE TIME RELATED TO OPEN SOURCE

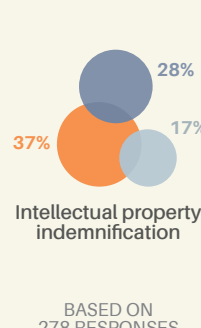
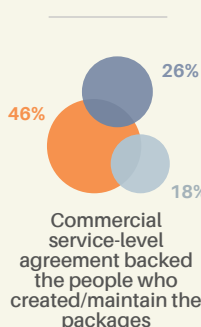
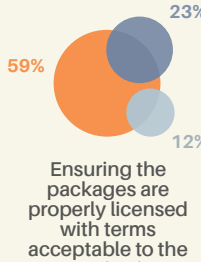
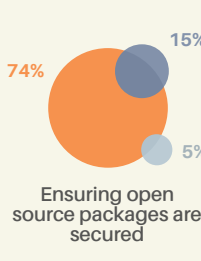
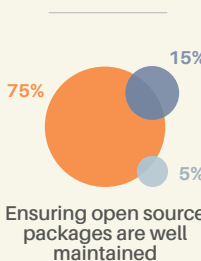
Open source-related maintenance accounts for 1/4 of developers' maintenance time. In larger companies with over 500 developers, they spend almost 1/3 of their maintenance time on open source.



KEY BENEFITS OF MANAGED OPEN SOURCE

Developers want to know that there is someone standing behind the packages they use. A managed open source subscription gives them some of the key maintenance, security, and licensing assurances they seek.

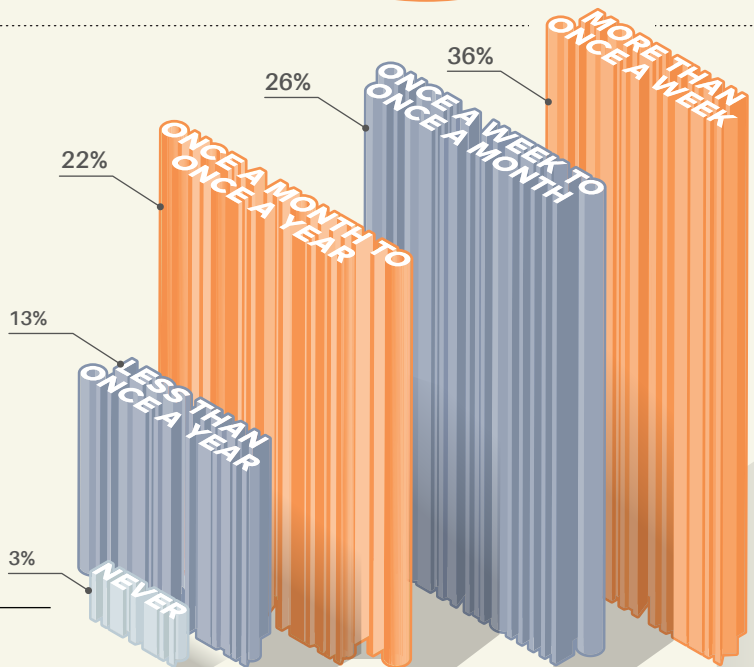
High value
Average value
Low or no value



HOW OFTEN DO DEVELOPERS CONTRIBUTE TO OPEN SOURCE?

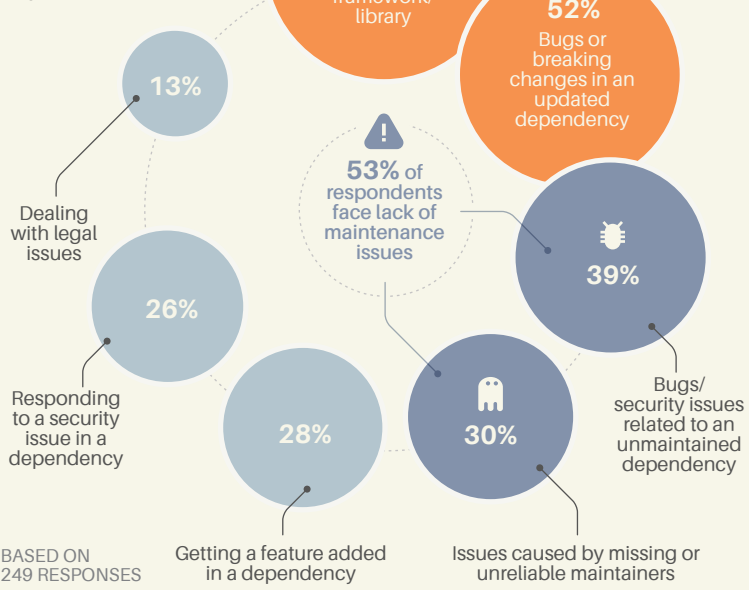
Most developers contribute to open source projects, with 84% contributing at least once per year.

BASED ON 286 RESPONSES



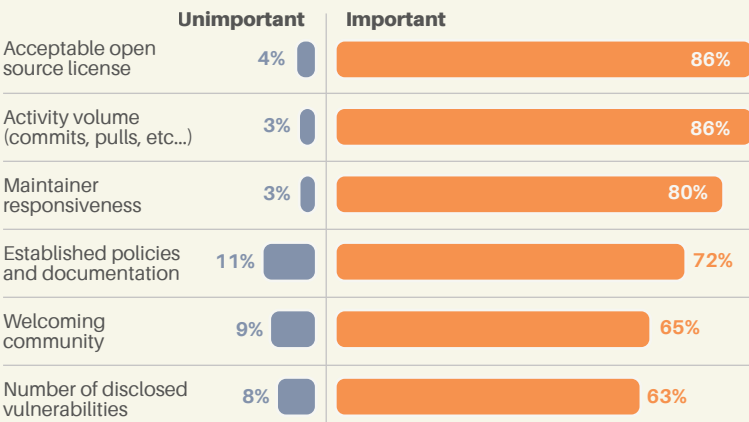
BIGGEST OPEN SOURCE MAINTENANCE-RELATED CHALLENGES

Time-consuming code maintenance activities create challenges, often due to issues associated with poorly maintained open source dependencies.



KEY FACTORS WHEN CHOOSING OPEN SOURCE PACKAGES

Project activity, licensing, and maintainer responsiveness are key factors in choosing open source projects.



MOST IMPORTANT METRICS FOR EVALUATING OPEN SOURCE PROJECTS

Days since last activity is the most important thing developers look at when evaluating open source projects. But they also want to choose packages that are recommended by a trusted source.

