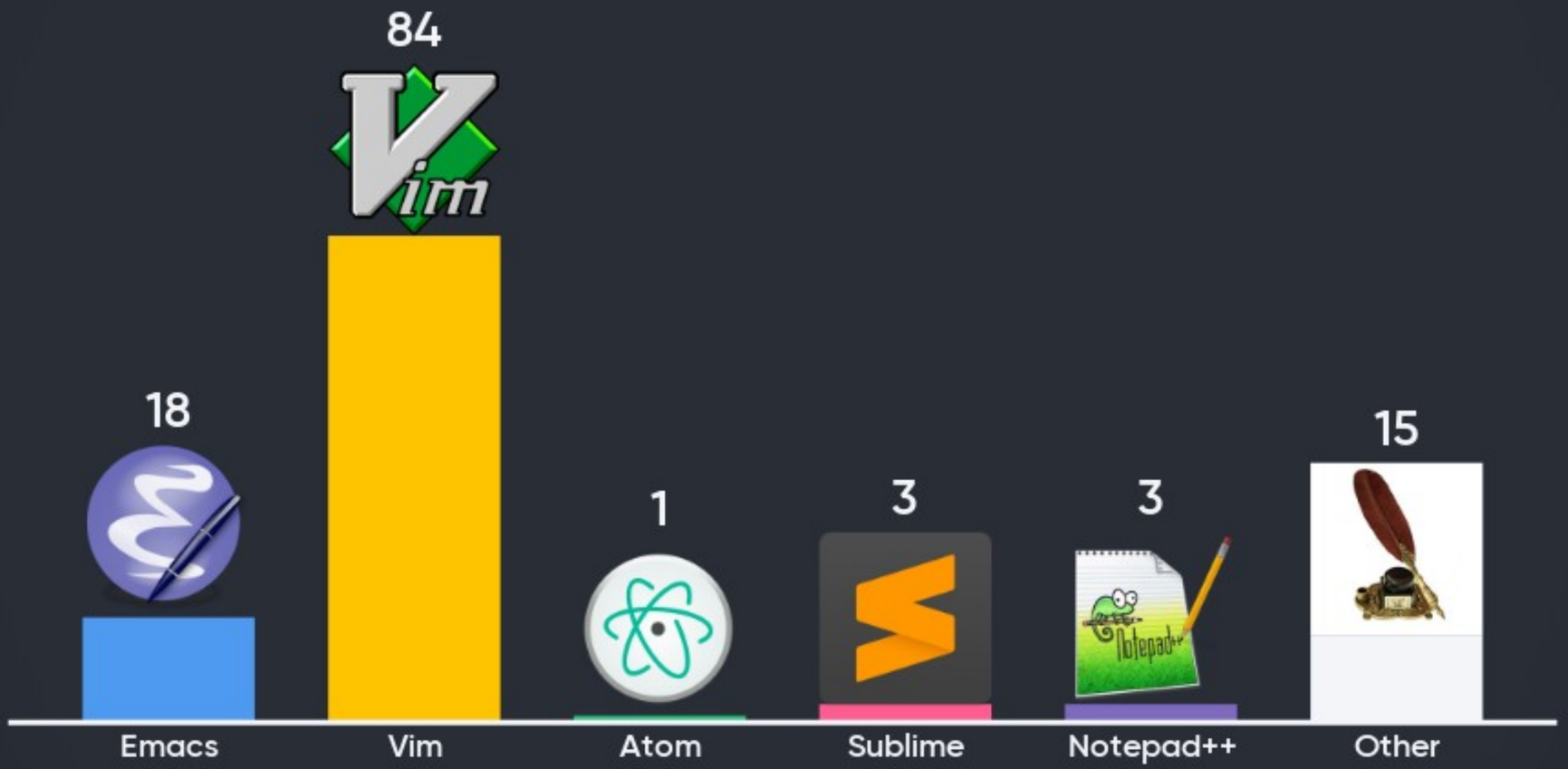
Which is your favorite text editor?

Mentimeter



124

Who are you?

Mentimeter

Developer

System Administrator

Manager

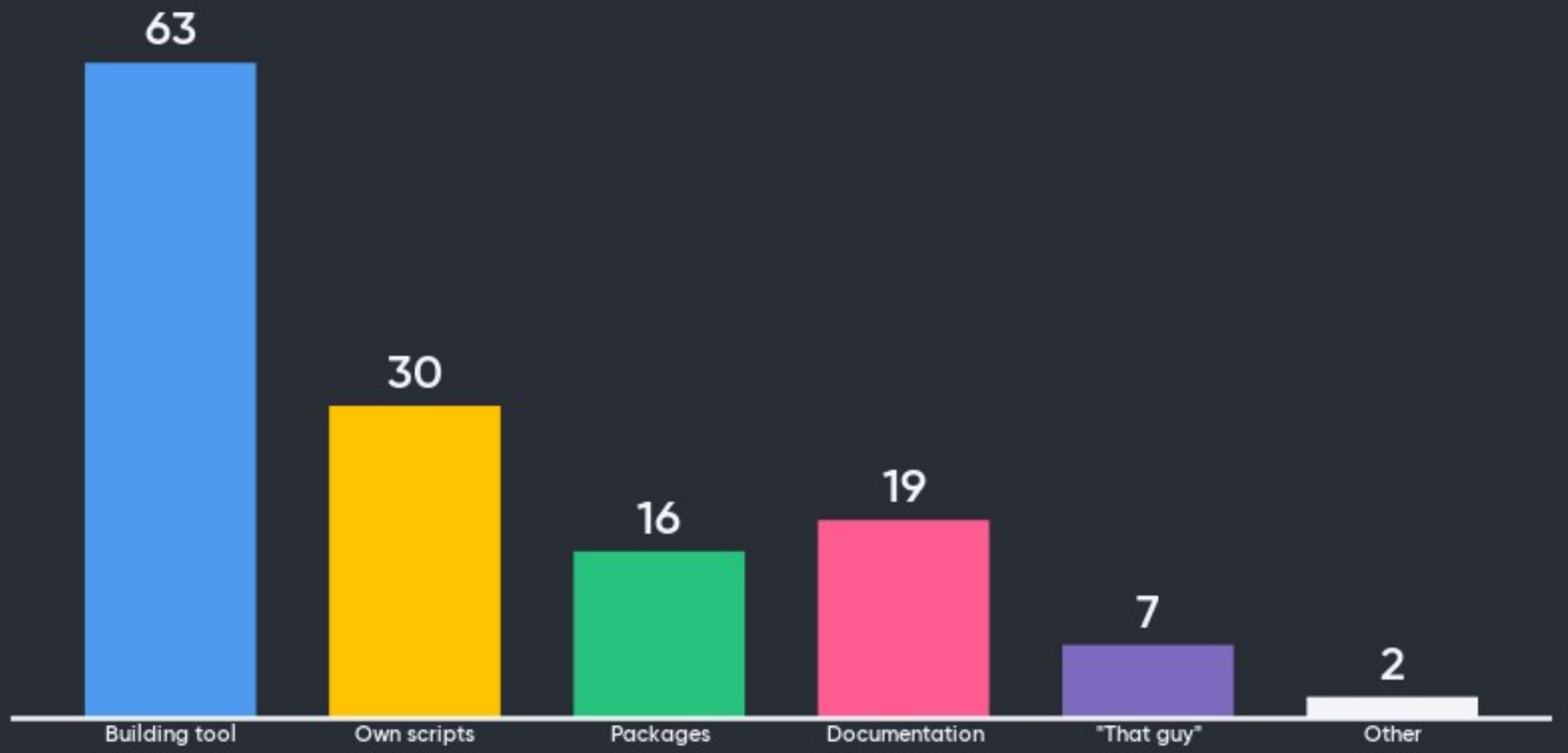
User support

End user

135

Which tools for building/installing scientific software do you use?

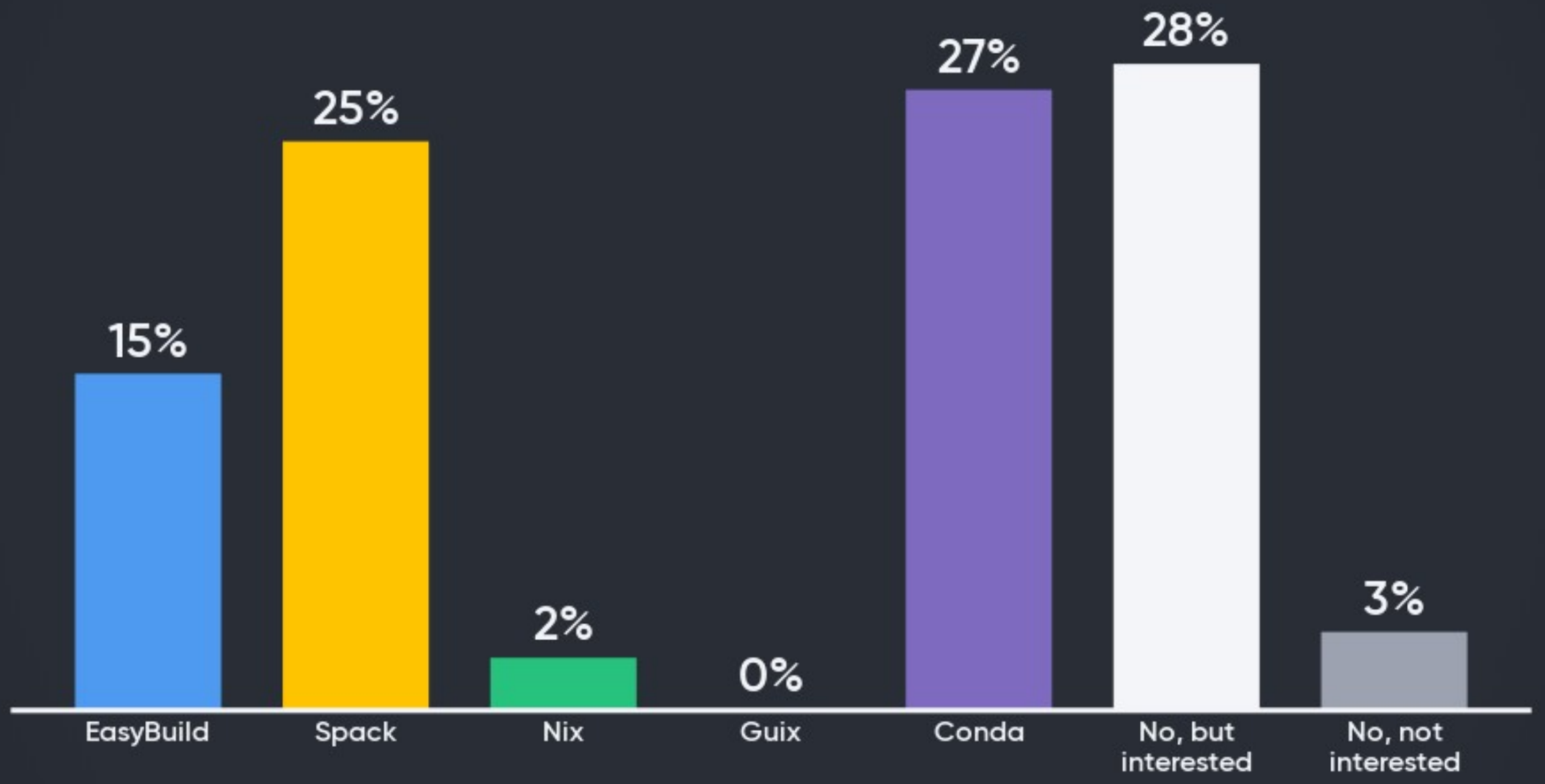
Mentimeter



137

Do you already use a build automation tool?

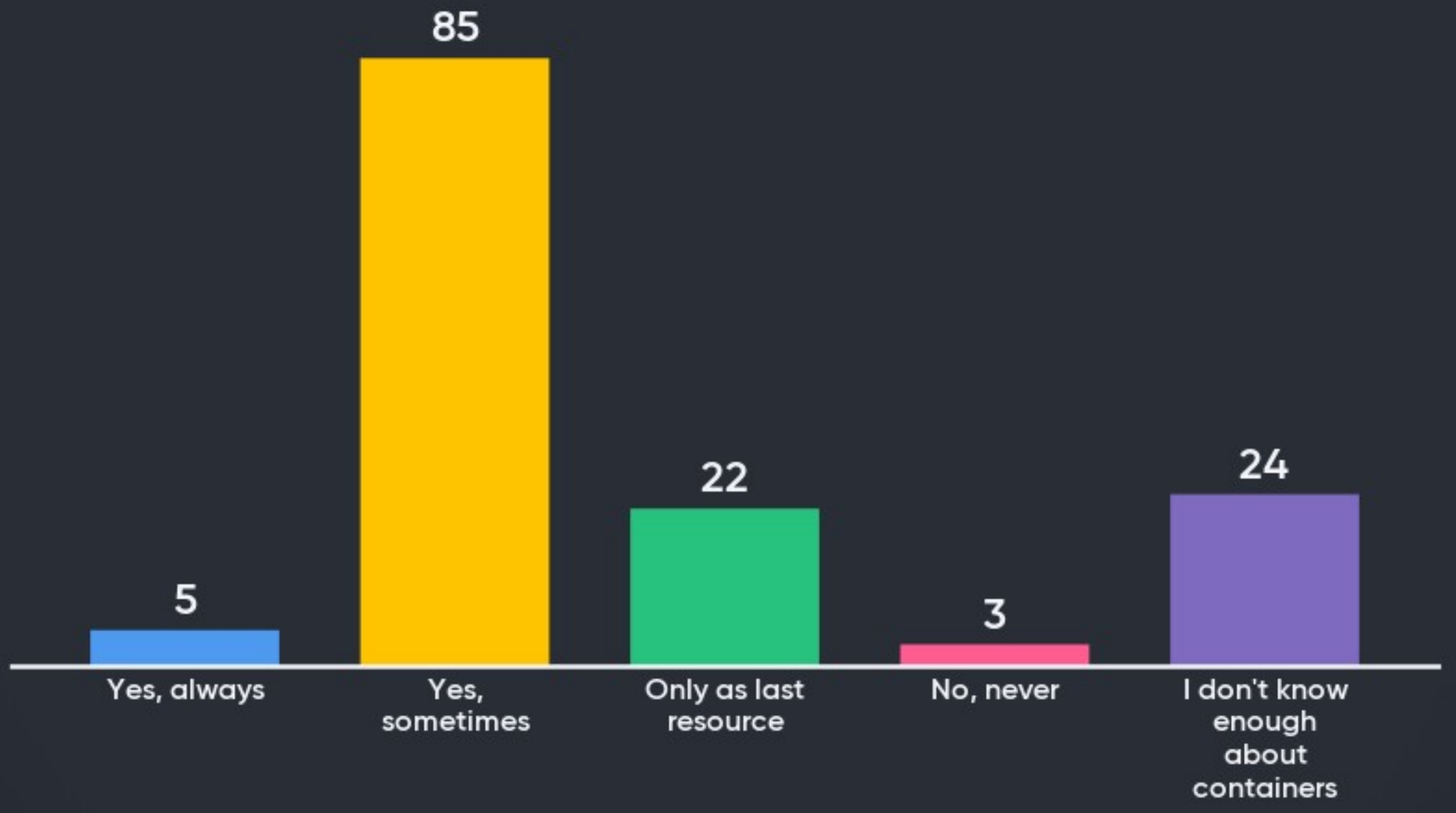
Mentimeter



136

I think containers are a good way to install scientific software

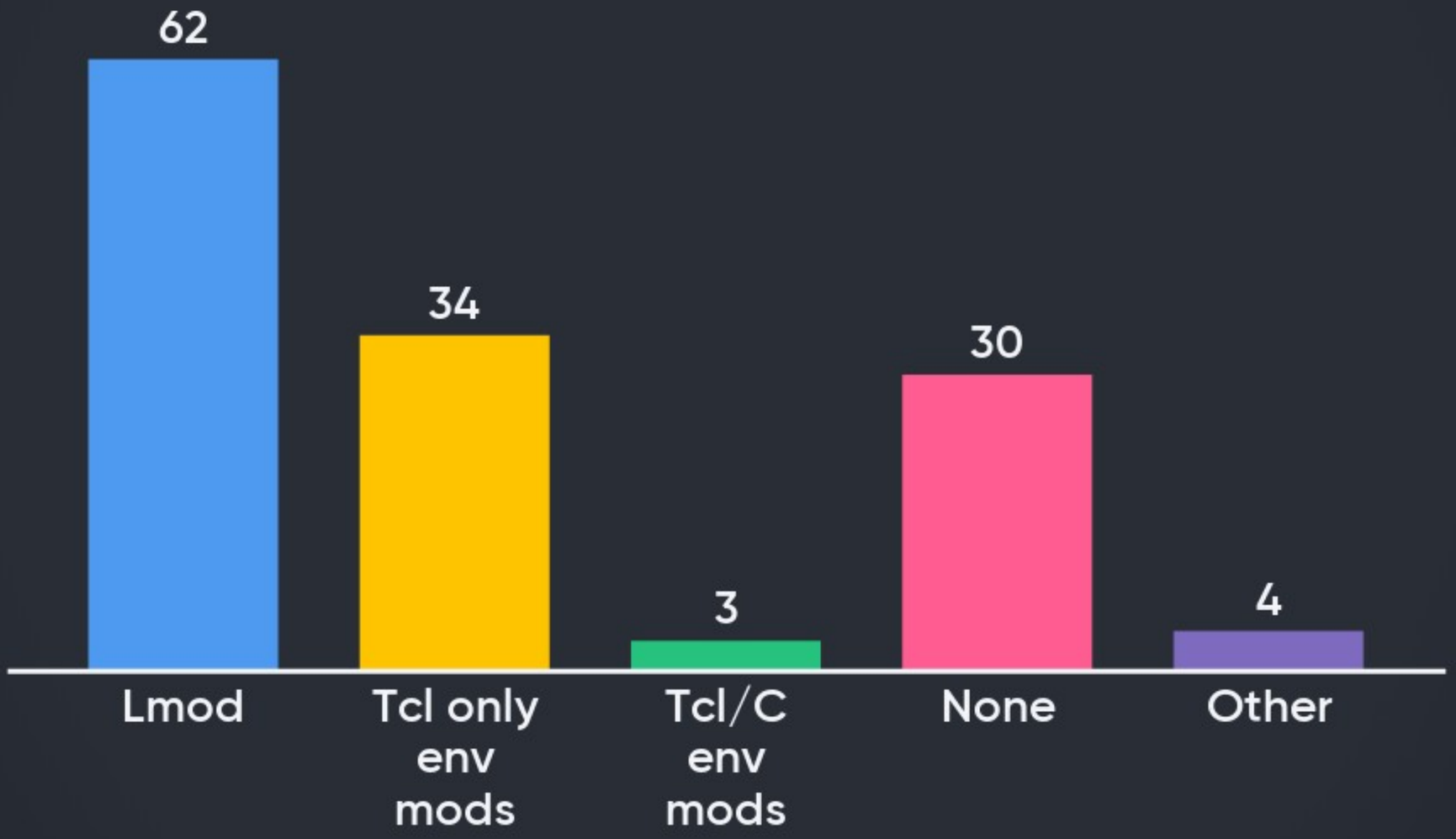
Mentimeter



139

Which modules tool do you use?

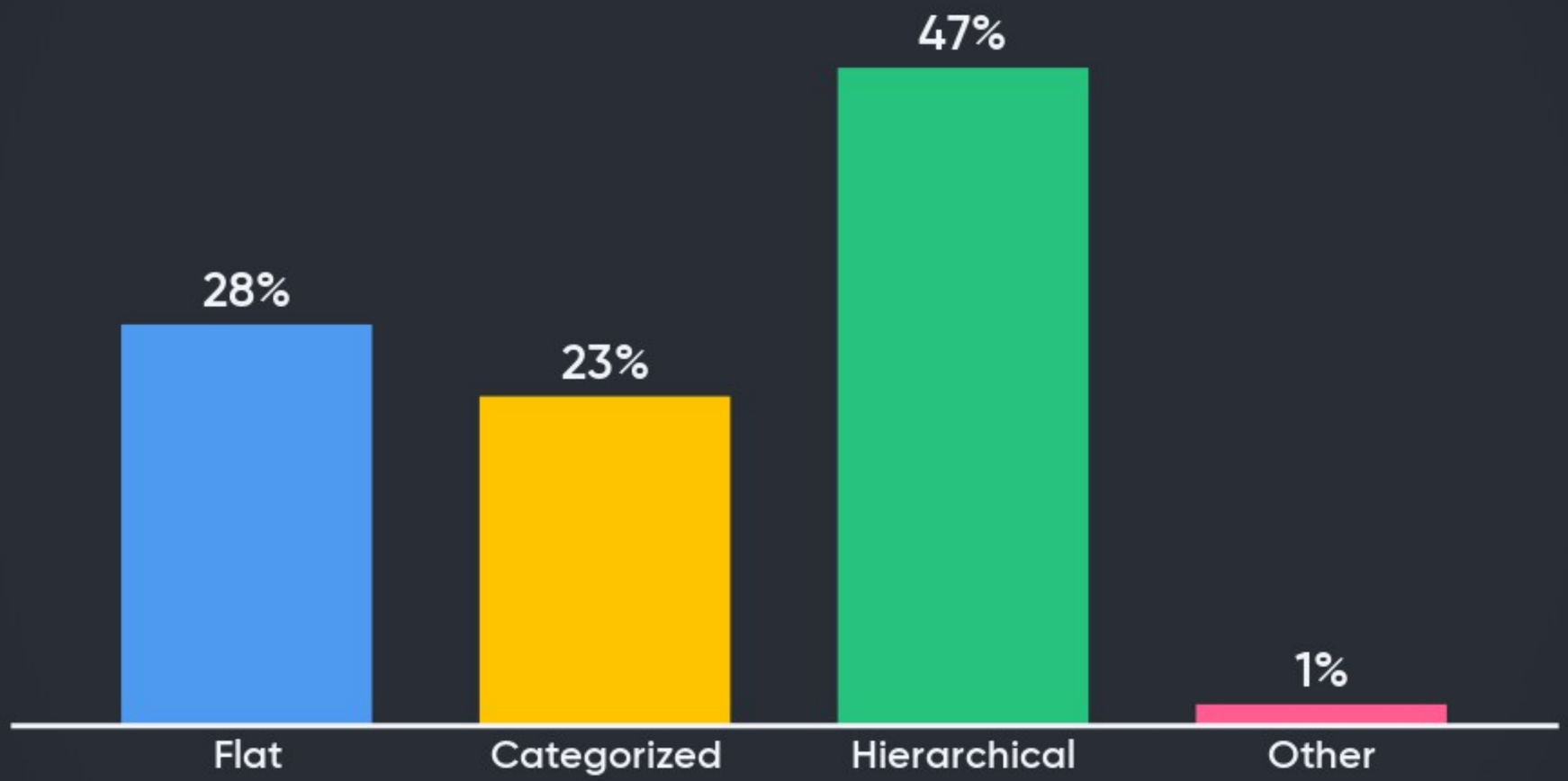
Mentimeter



133

Which module naming scheme do you use?

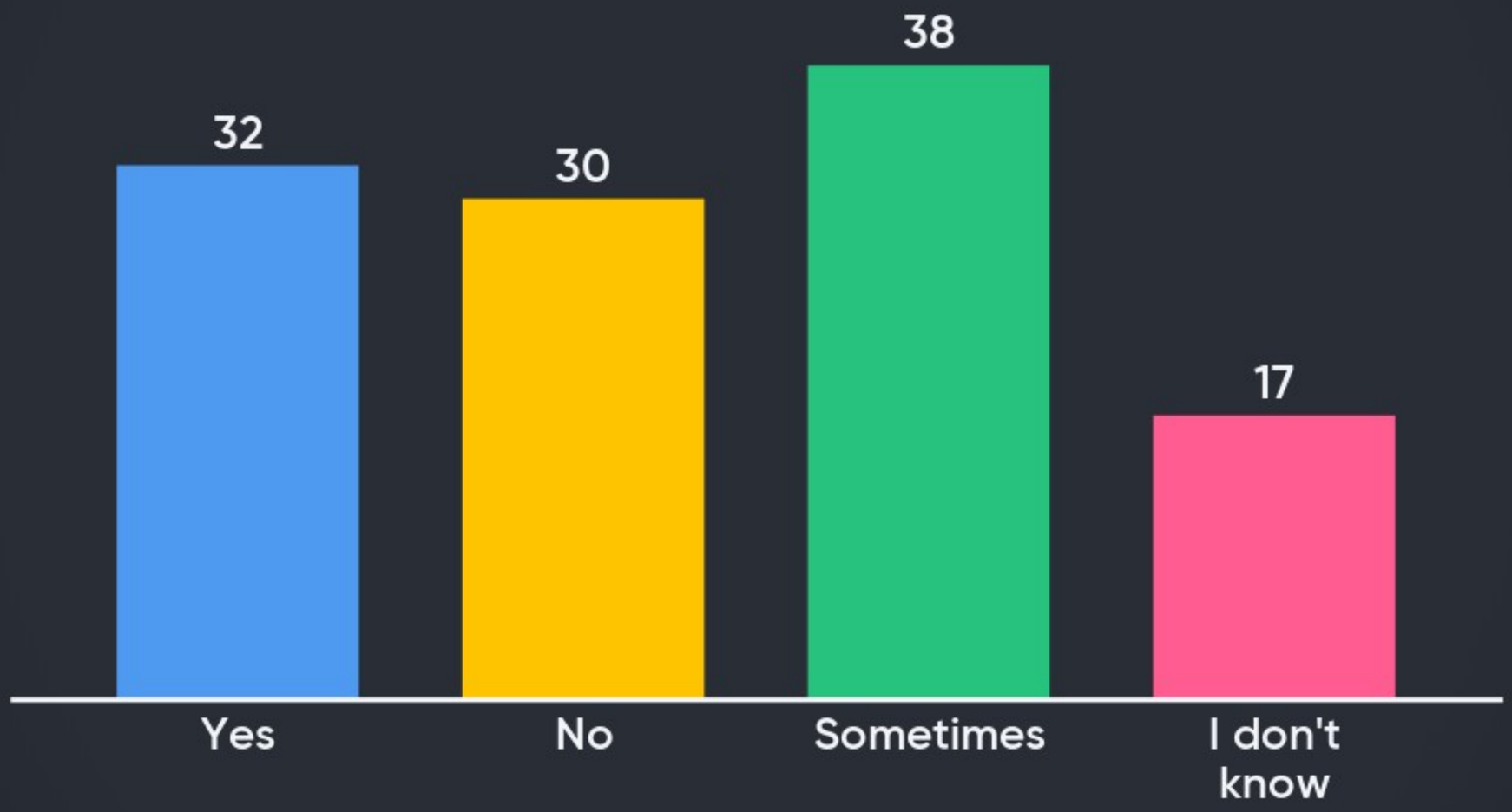
Mentimeter



112

Are modules files automatically generated?

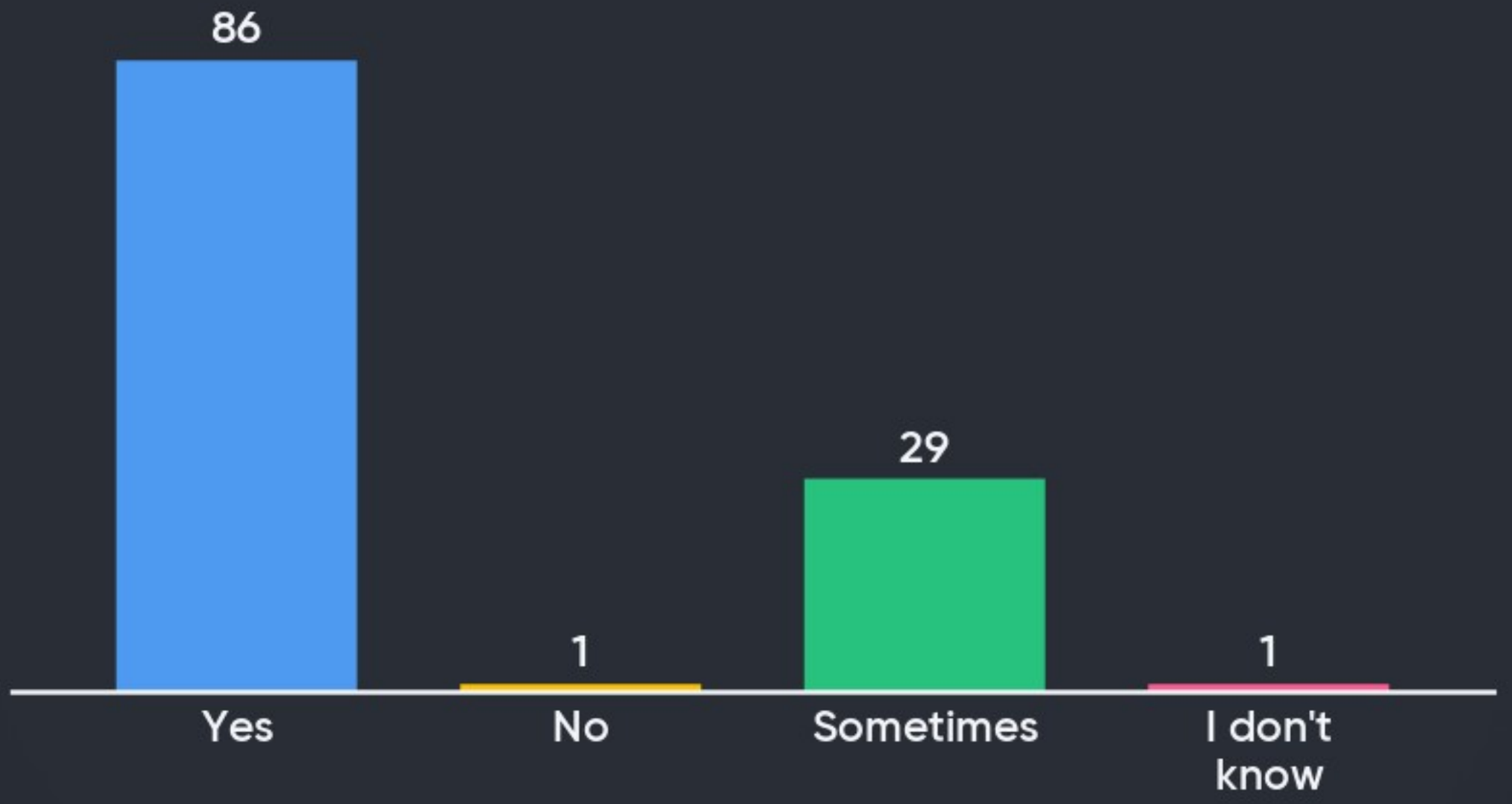
Mentimeter



117

Do you provide multiple builds for a software package?

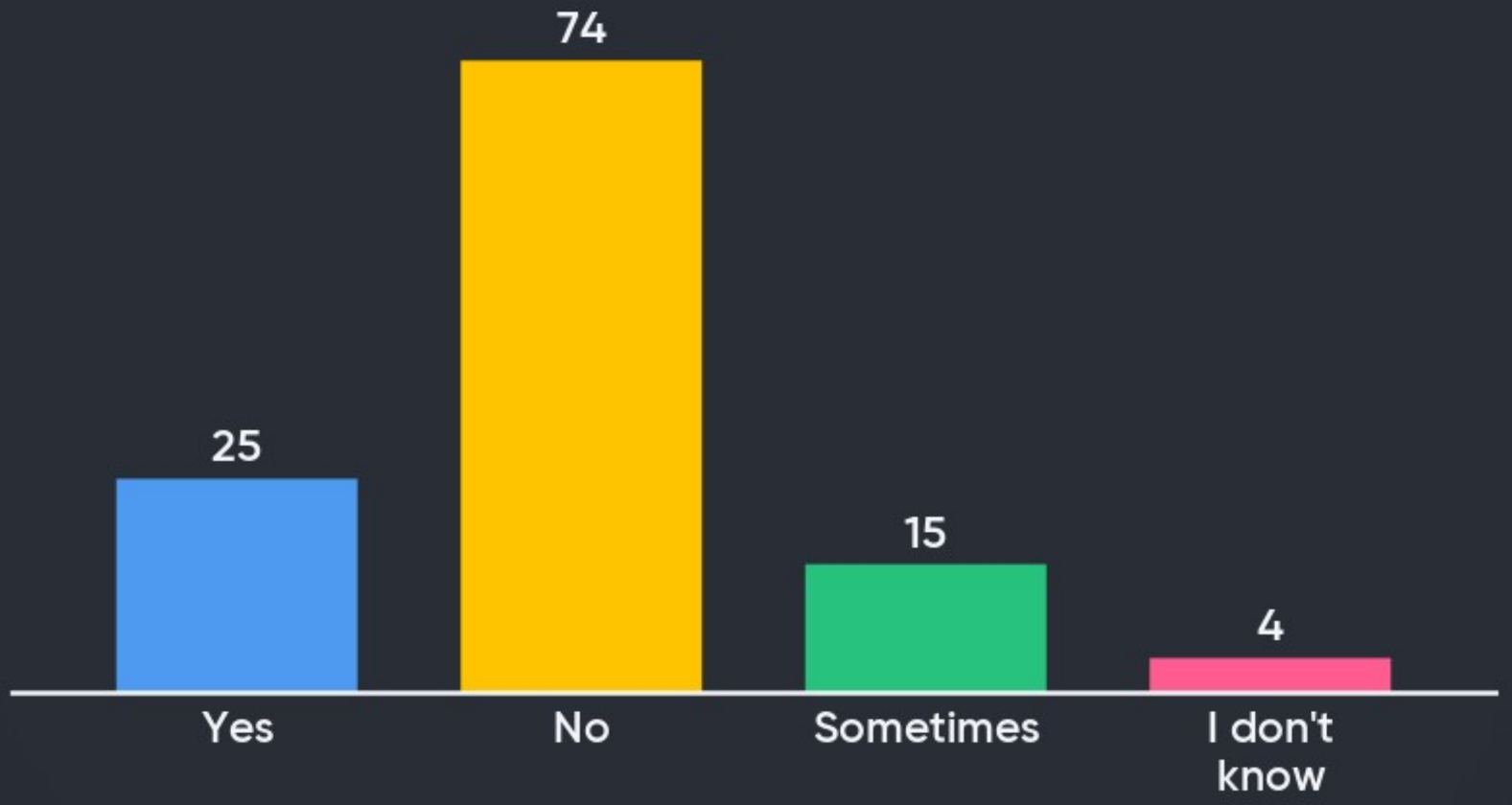
Mentimeter



117

Do you collaborate with other sites in building scientific software?

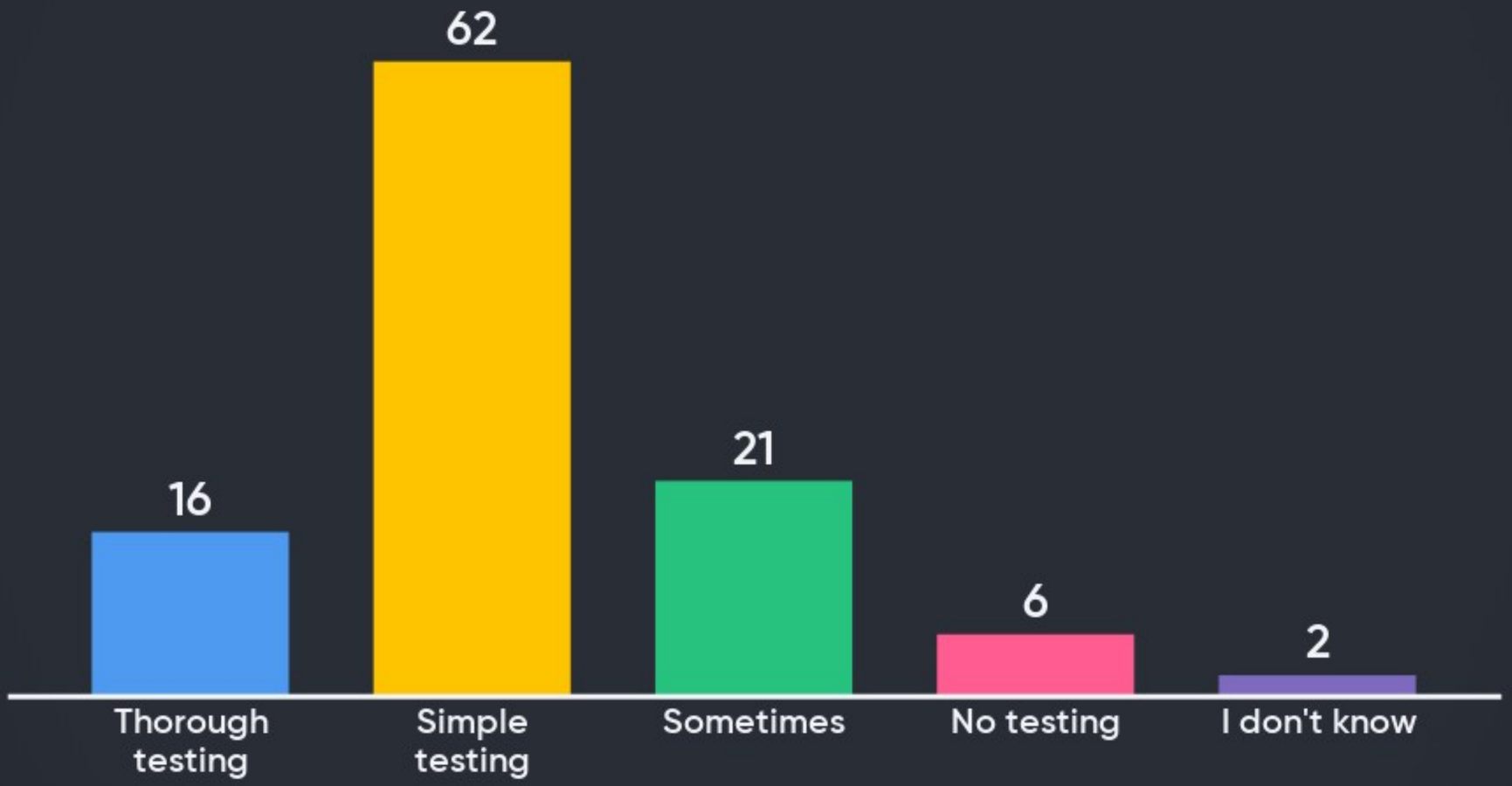
Mentimeter



118

How do you test the software builds?

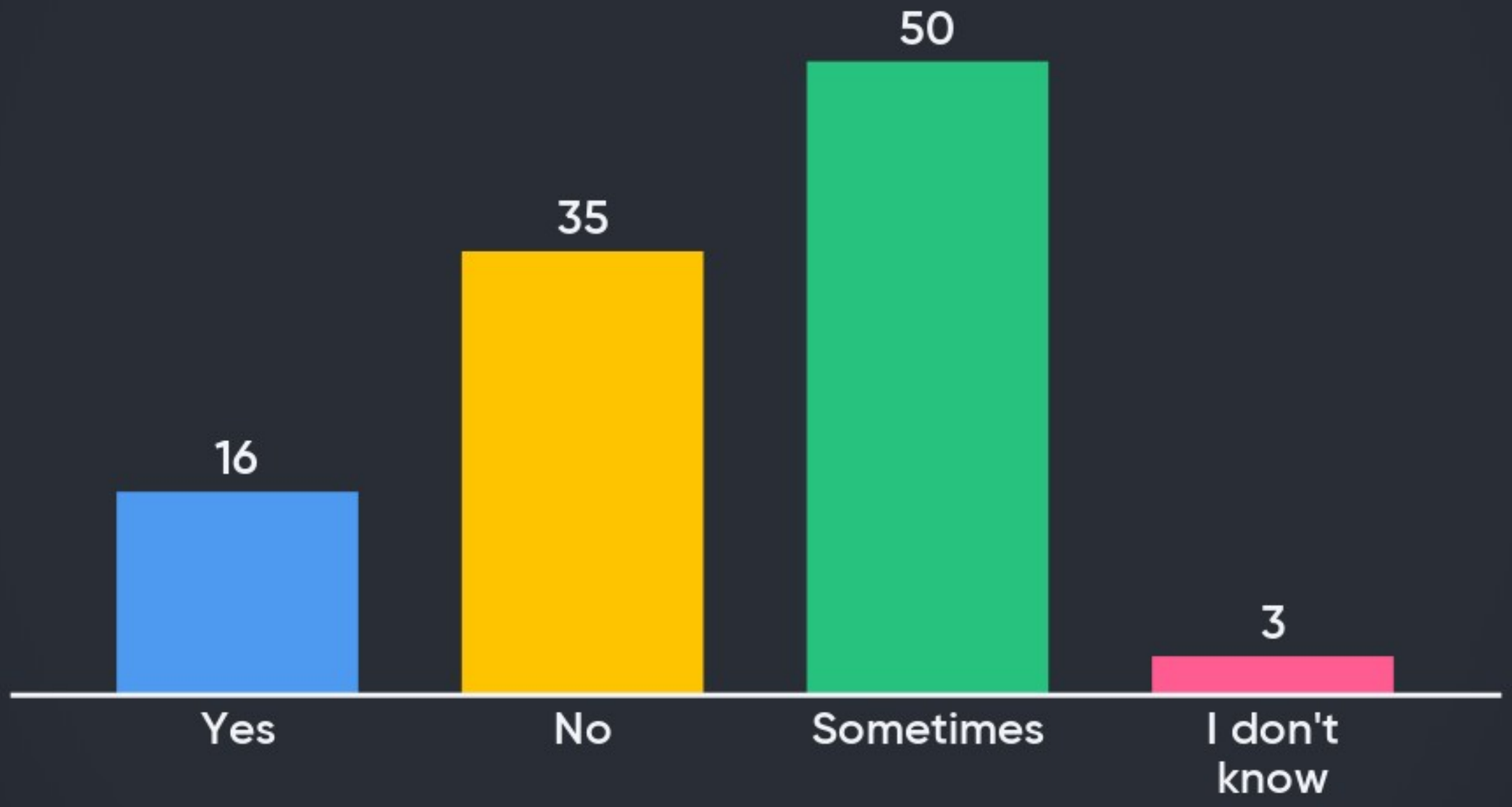
Mentimeter



107

Do you evaluate software performance?

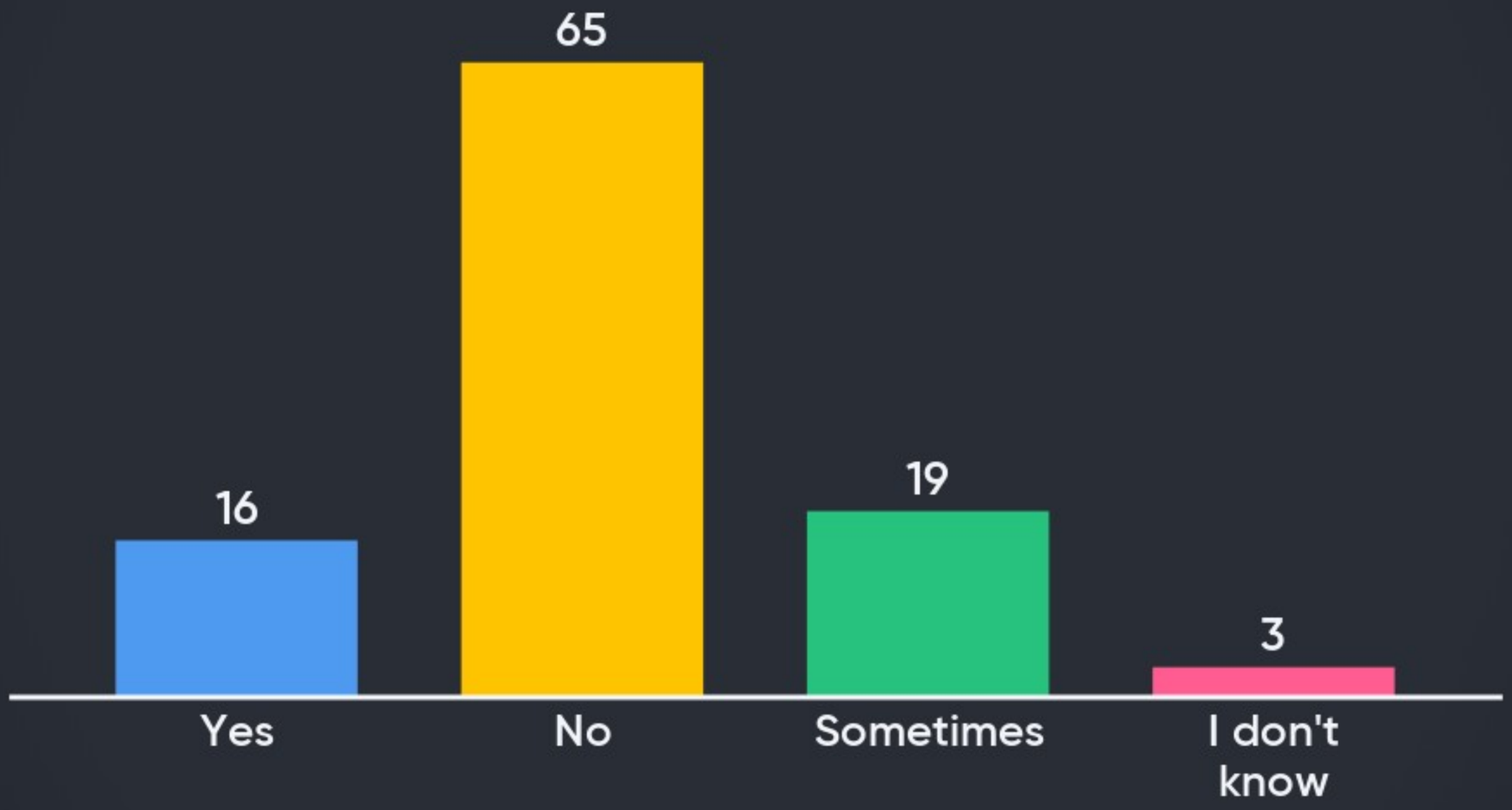
Mentimeter



104

Do you monitor the software performance over time?

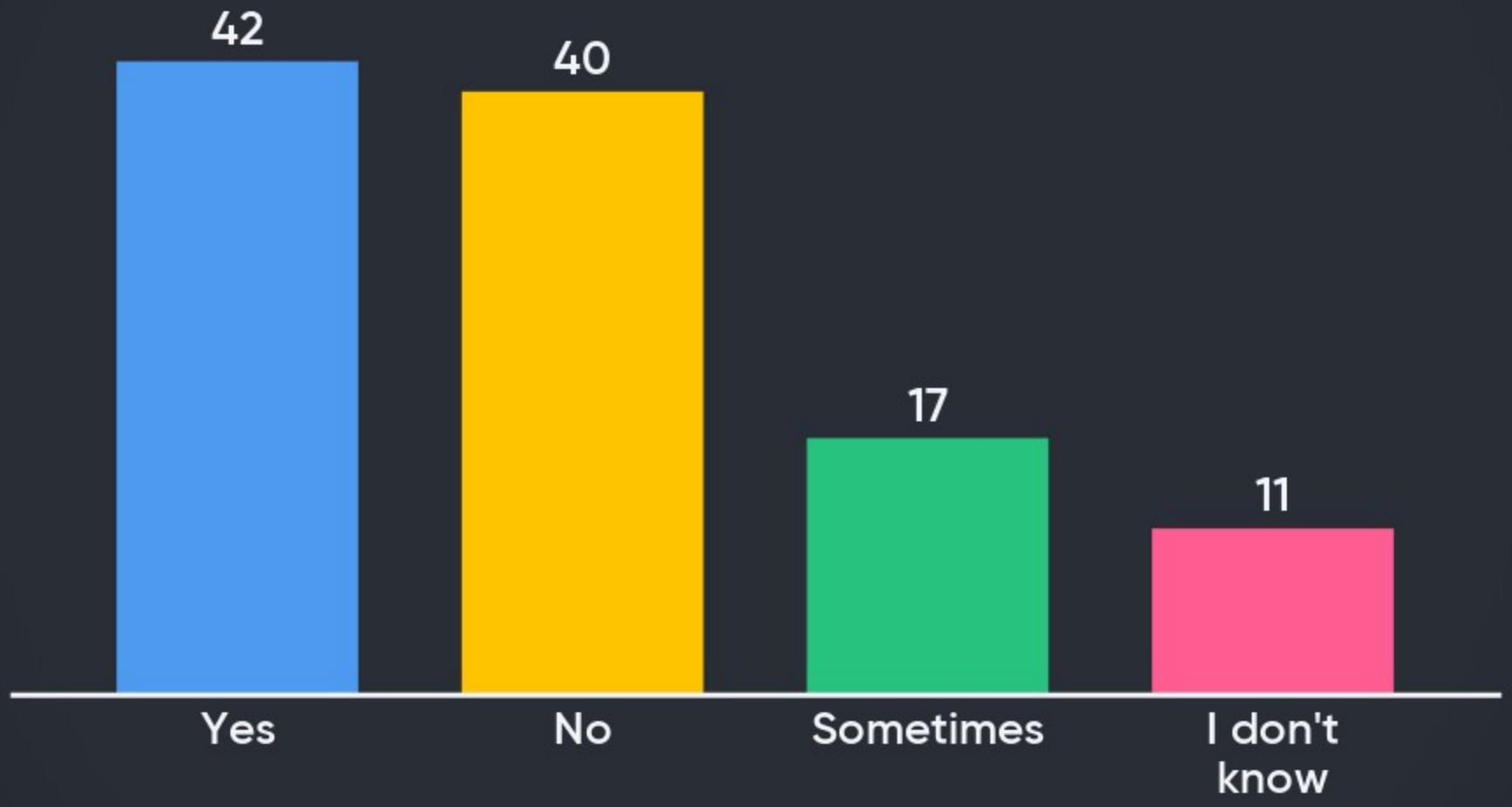
Mentimeter



103

Do you keep track of build metadata?

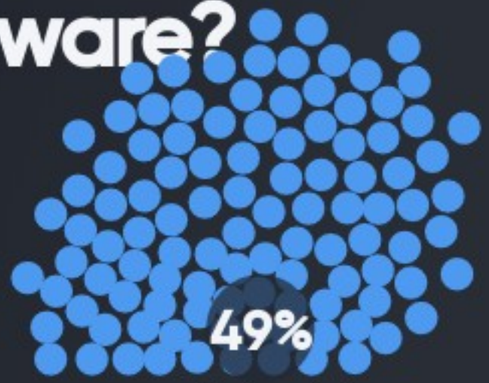
Mentimeter



110

For which architectures are you building scientific software?

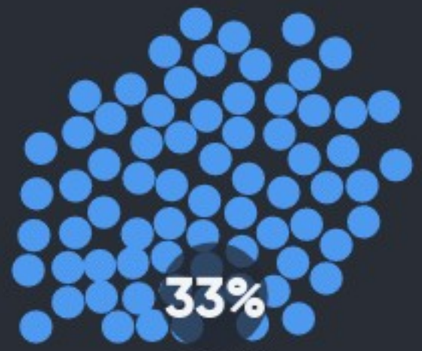
Mentimeter



x86_64

Power

ARM



GPU

FPGA

108

What I would like to see for GSSI @ SC20

Mentimeter

- Case studies
- Training would be great!
- More technical comparison of Spack vs Easybuild vs Conda
- Open discussion portion
- How to deal with scientific software on containers
- I second case studies
- More tutorials
- A workshop where different tools are presented in more details.
- Testing was mentioned a bit, a more in-depth talk about what people who do testing actually do.

60

What I would like to see for GSSI @ SC20

Mentimeter

- Training
- Metrics of community engagement
- More new Spack feature !
- Mode "Other" items in the polls ;-)
- Demos
- Detailed pros cons of toolsets
- Installing scientific software interactive workshop
- Training using Spack/Lmod
- Tutorials, comparison between scientific and industry containers and their needs

60

What I would like to see for GSSI @ SC20

Mentimeter

Presentation from a selection of institutions to compare and contrast

Would like to see more pros/cons between Spack and EasyBuild, Lmod and Tcl Modules, etc

Continuous Integration-based native rpm packaging & deployment

Performance comparisons

Advanced tutorial

Windows support

Training

Posters. Creative workflows. Lessons learned.

A workshop with different centers' approaches/experiences and a panel for discussion/debate.

60

What I would like to see for GSSI @ SC20

Mentimeter

Overview of best practices

Best practices. Training.

Training/workshop/handson

Spack workshop

Tutorials/training

A tool that actually works

Enjoyed the high-level overview of all the tools. Would be great to briefly see how these are deployed in real-world systems!

Best Practices for managing Software Stacks. Tips and Tricks

Strategies for managing the number of build configurations.

60

What I would like to see for GSSI @ SC20

Mentimeter

- Demos
- The method of testing and evaluation of software
- Collaboration with upstreams and vendors
- Discussion of software support policies
- Showcase
- Half day training sessions for tools.
- Case studies about building and deploying software in HPC system
- Local container registry discussion, how to make them easily available.
- Complex cases, examples.

60

What I would like to see for GSSI @ SC20

Mentimeter

Single tutorial to cover Splack LMod etc with hands-on start to finish

Tutorial for writing easyblocks and spack build config files.

ReFrame testing tool

I'd like to see something well before next year -- an on-going conversation with the attendees & presenters during the next 12mo, not just a 1hr panel session.

spack install theUniverse

short talk on why not to use containers

EasyBuild vs Spack cage fight

how To handle archiving to help with provenance

effort to set up a common set of benchmarks/inputs for HPC apps

60

What I would like to see for GSSI @ SC20

Mentimeter

Test automation strategies in HPC environment

stop trying to make nix happen.

Built in performance test as part of build with spack or easybuild

More time for talks and questions/discussion (ie fewer menti questions)

Test automation use cases for HPC software with gitlab, containers

Spack and Easybuild collaboration and interoperability

60