



TIOBE

< the software quality company >

Results of error-linking research

The TIOBE survey was distributed to everyone who has submitted a ticket within the last 18 months. In total, 437 employees from 64 different companies were invited to fill in the survey.

We received answers from:



Companies 26



Participants 133

Distribution of participants:

ARCHITECT



DEVELOPER



MANAGER



TEAM LEADER



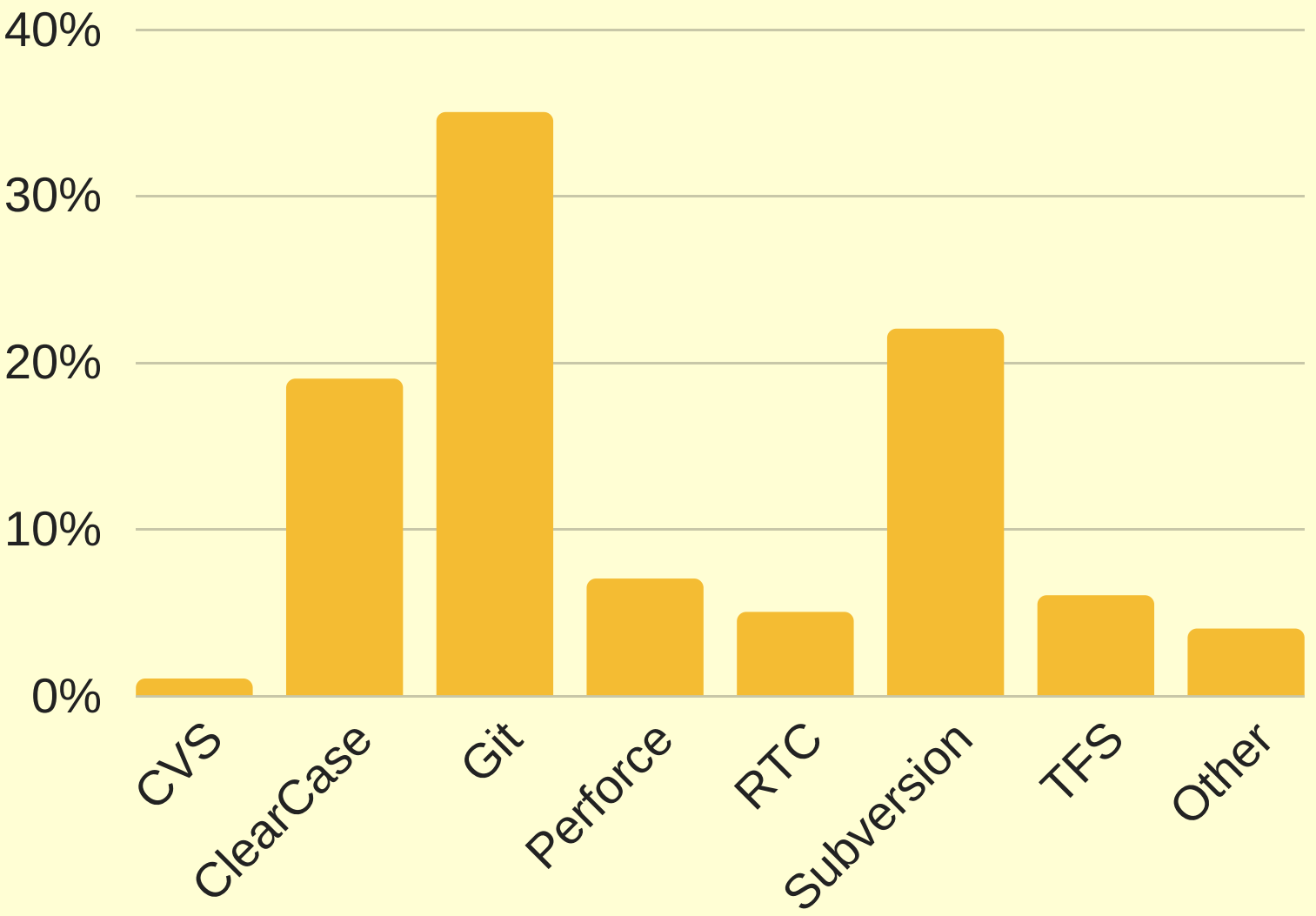
TESTER



OTHER

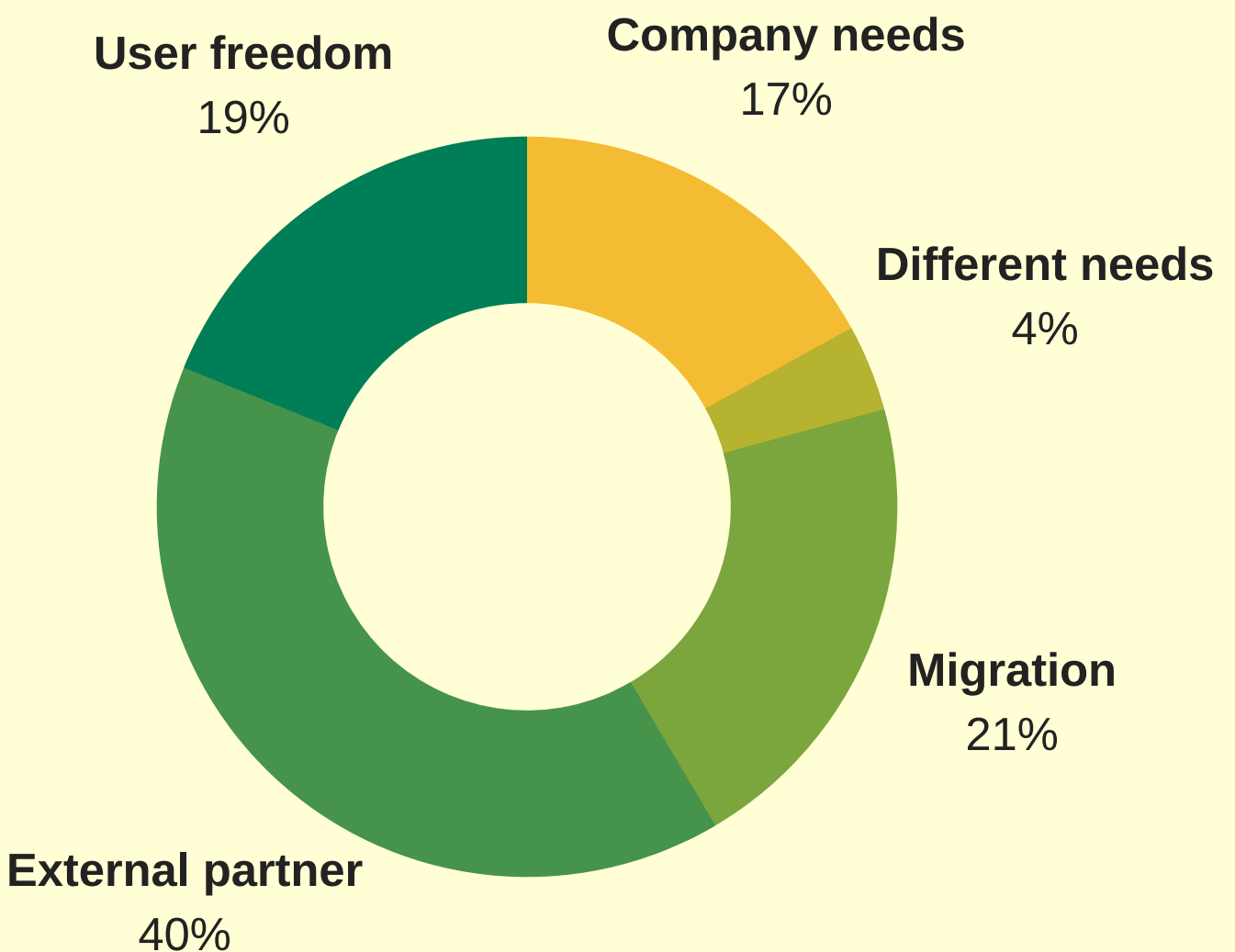


Most used version control systems:

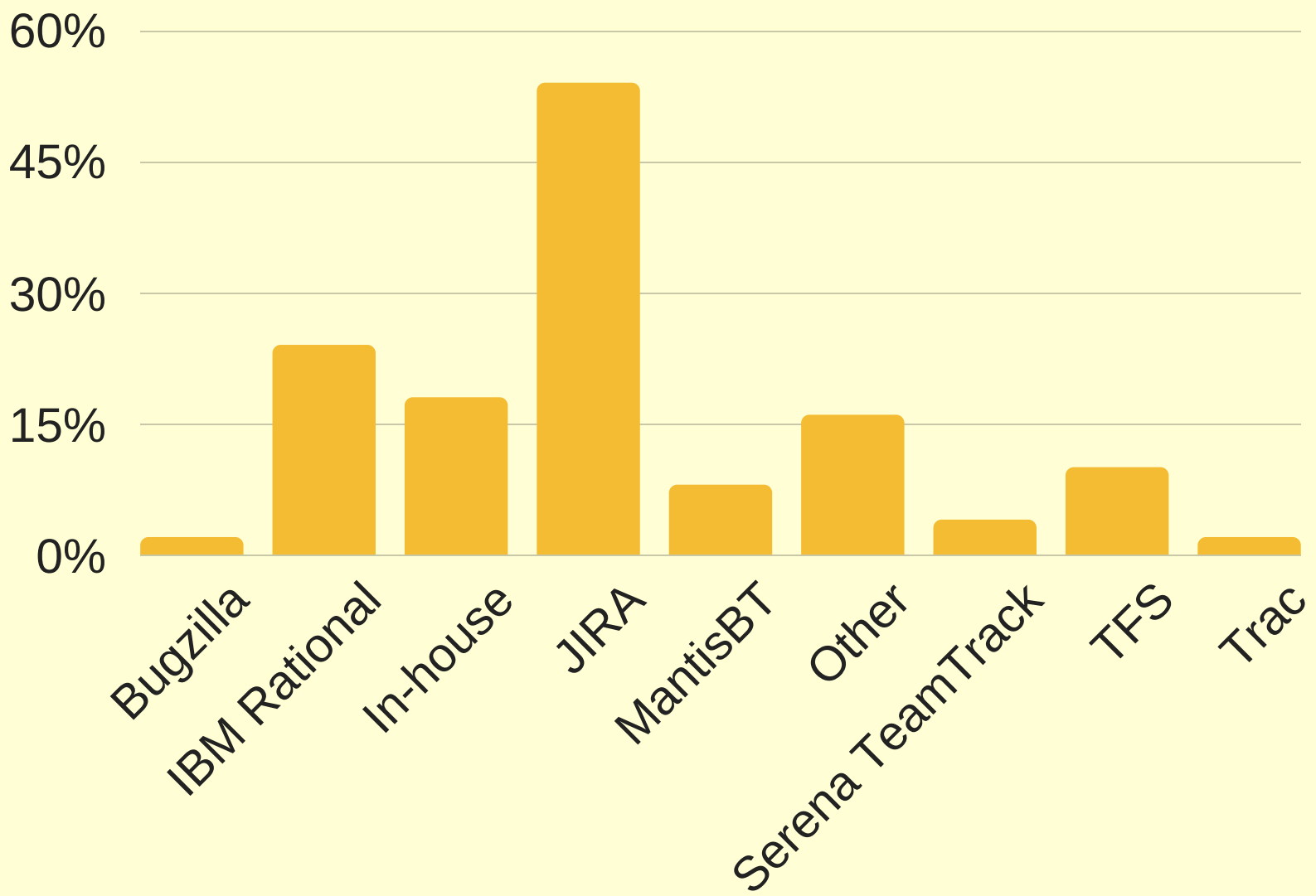


of respondents are using more than one version control system

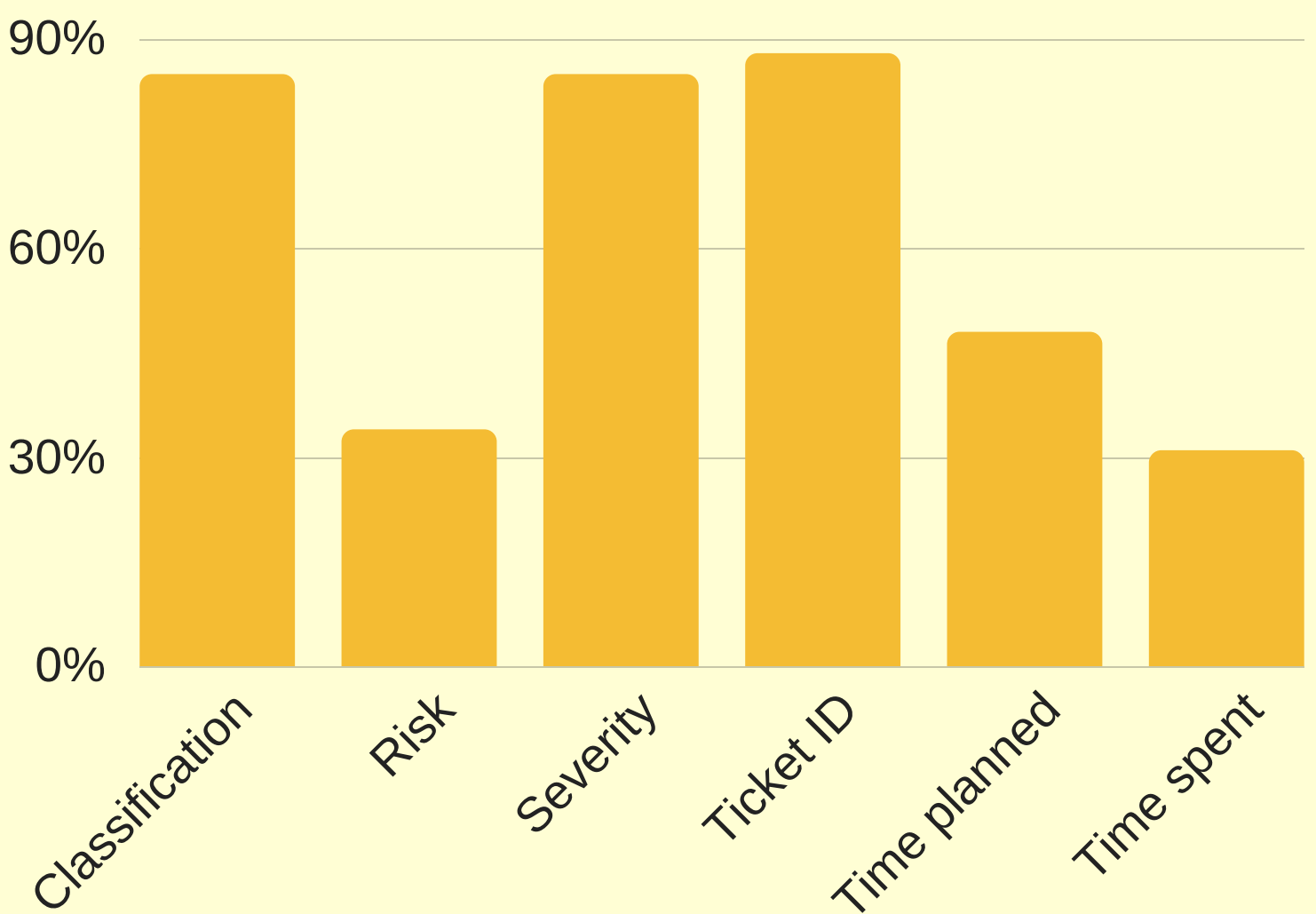
The main reasons for that are:



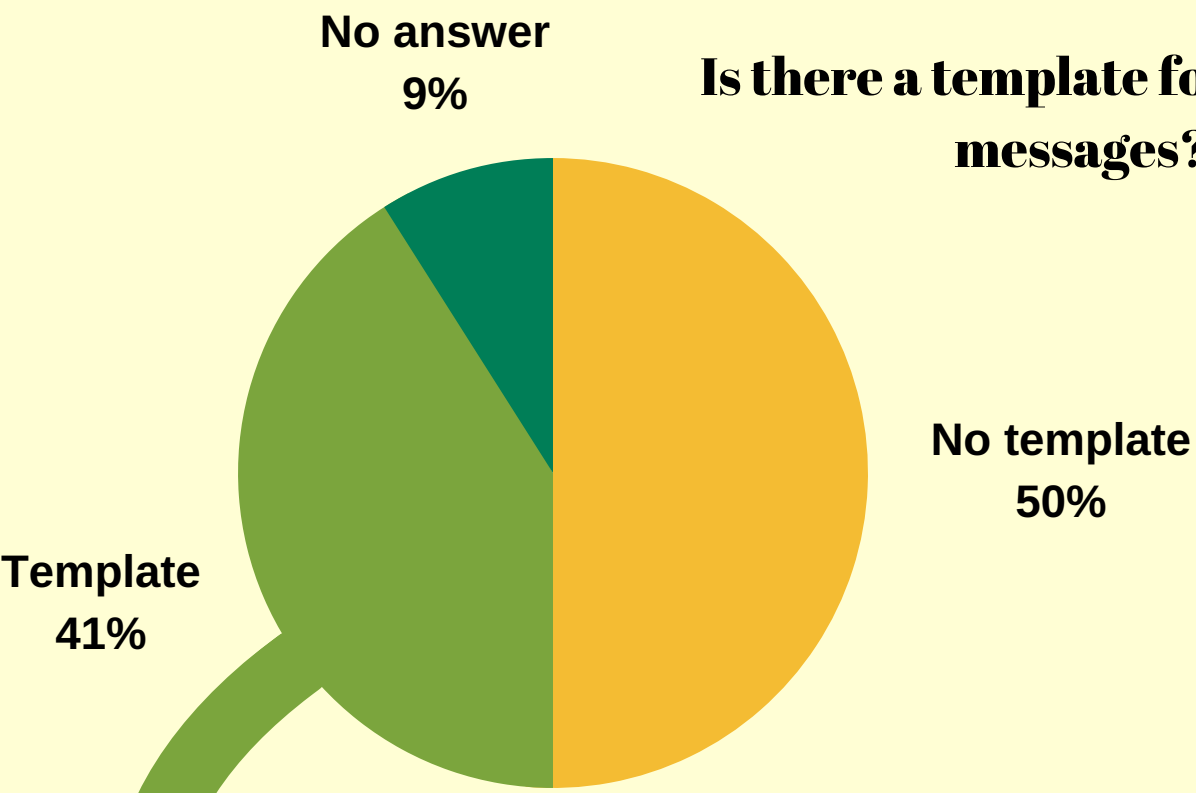
Different bug tracking systems are used:



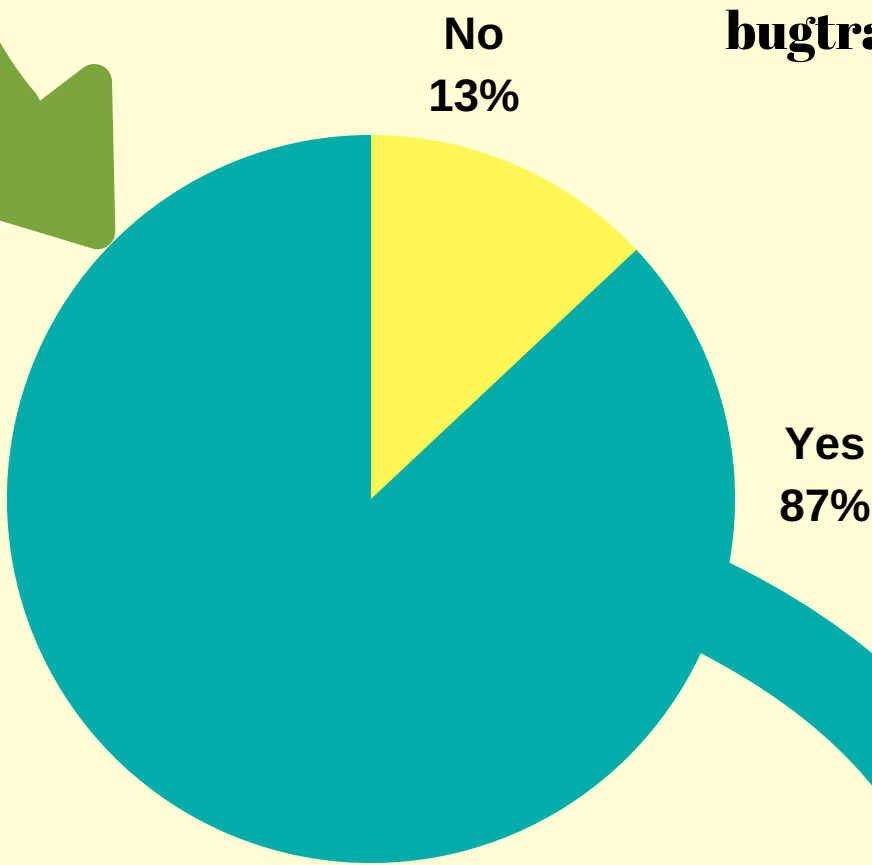
Respondents marked items that are stored in a bug ticket:



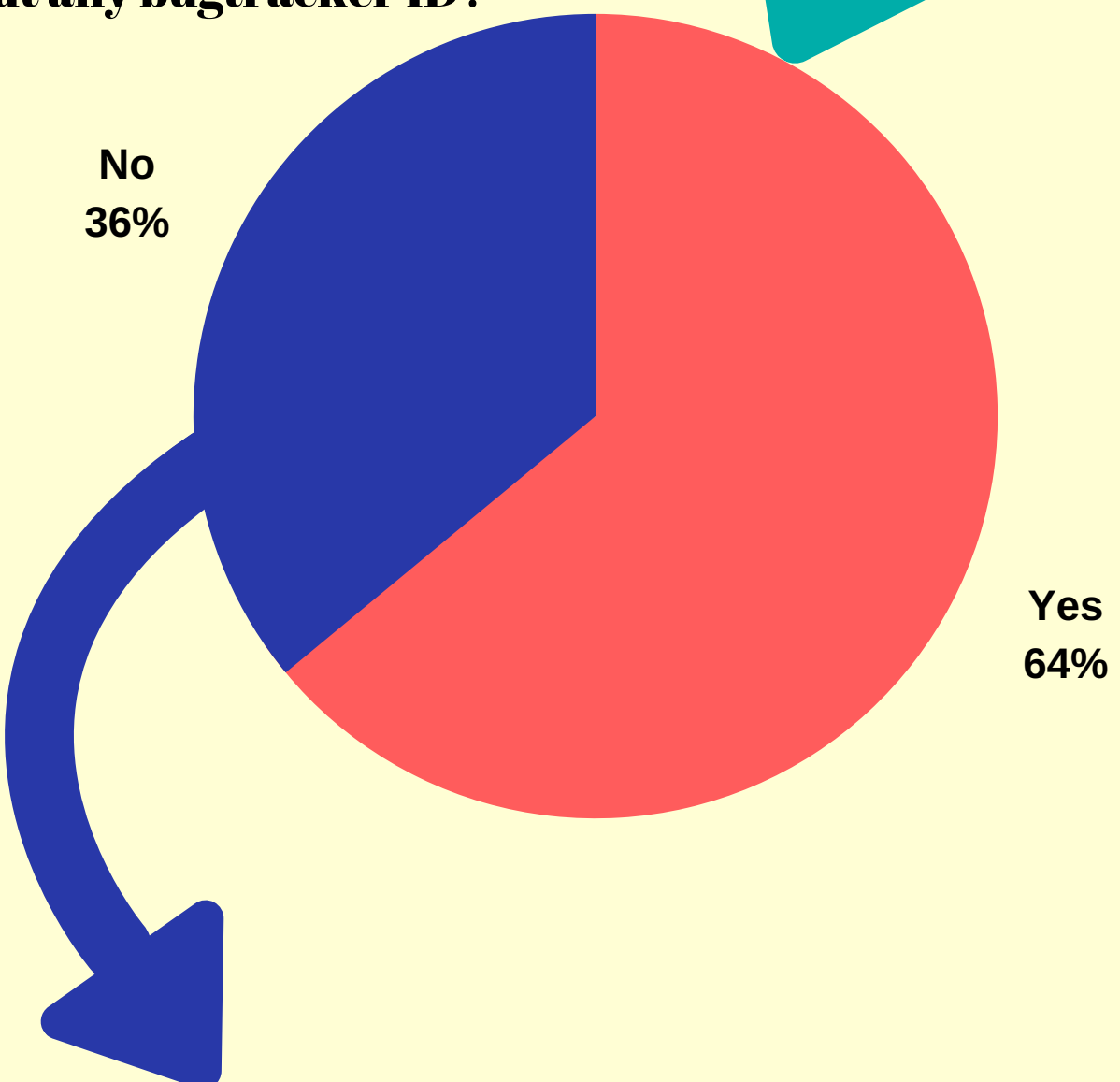
Is there a template for a commit messages?



Does the template include a bugtracker ID?



Are you able to commit without any bugtracker ID?



Only $41\% * 87\% * 36\% = 13\%$ of respondents answered that it is possible to link their bugtracker and version control system successfully.

CONCLUSION

TIOBE is interested in parts of the code where bugs have occurred historically.

In order to do so, there must be a link between bug trackers and version control systems. Based on the results of this survey, this is only possible for 13% of the respondents.