Welcome to SasView

(Pre)hackthon introduction

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Outline

- Hacktahon Goals
- Development Cycle
- SasView Github
- Github issues
- Kanban project
- Pull requests
- Installers
- Communication channels

Goals for hackathon

- Jan 13-15
- Improving SasView5 functionality and user experience
- Making SasView5 ready for NCNR "summer" school
- "Non-functional" task
 - Continuous integration
 - Model Marketplace
 - Calculation engine separation
- Have some fun

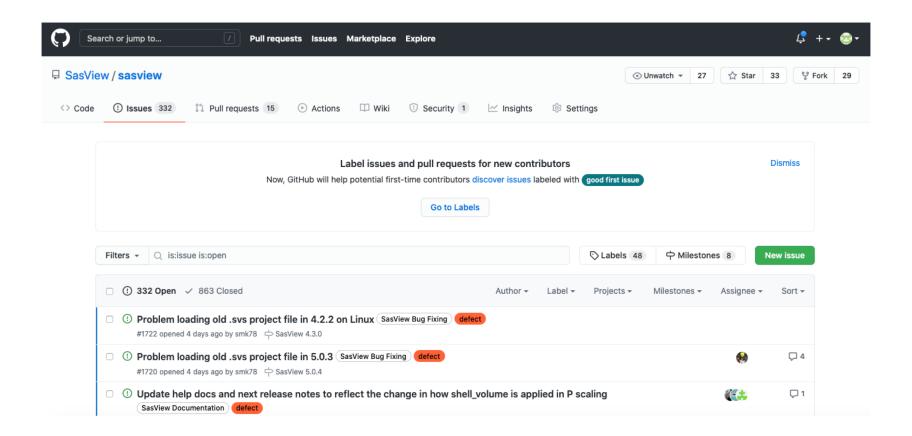
Development cycle

- Code & Docs -> Review & Test -> Fix -> Review & Test -> Done
- Reviewing and testing are integral parts of development cycles
- We spend considerable amount of time on reviewing someone's else code and testing functionality
- But never enough...
- We greatly appreciate your help!
- We don't expect to you available all the time

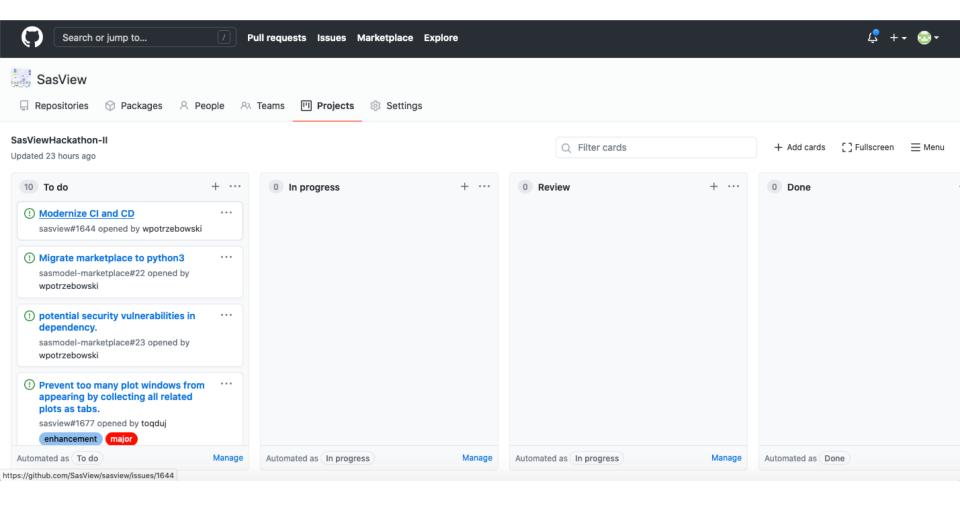
SasView Github

- Login and joining SasView organization
- Repositories
 - sasview
 - <u>sasmodels</u>
 - and few more
- Wiki
 - Hackathon page
 - Getting started
- Project board
 - Kanban Board

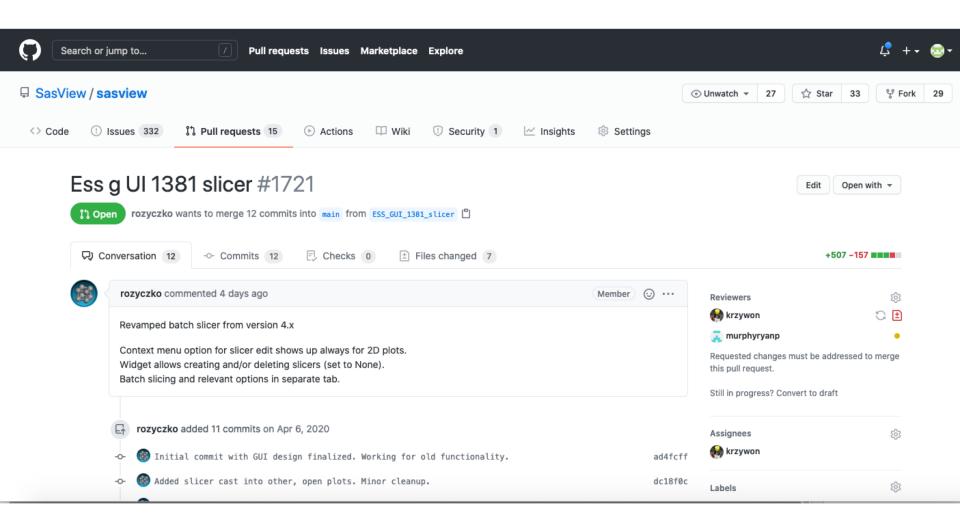
Github Issues



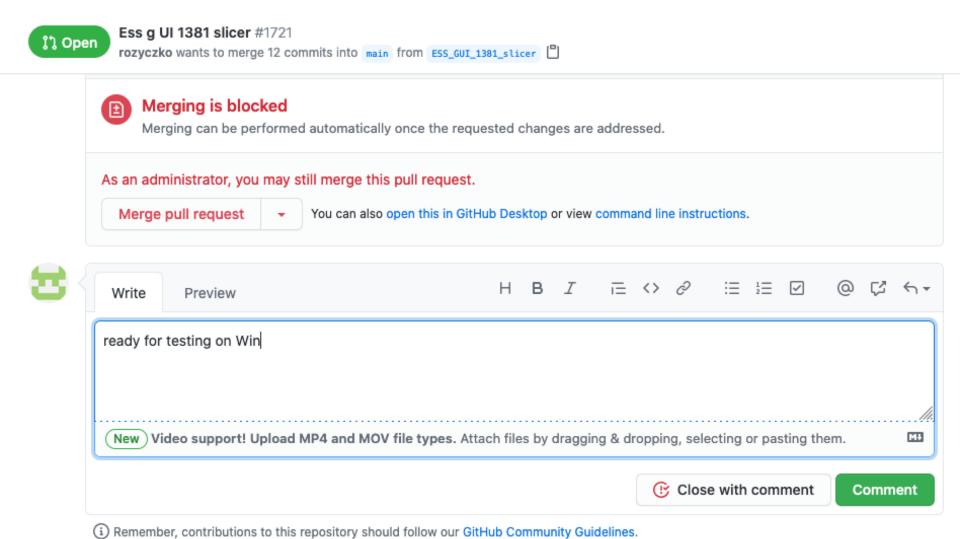
Kanban Board



Pull requests



Ready for testing...

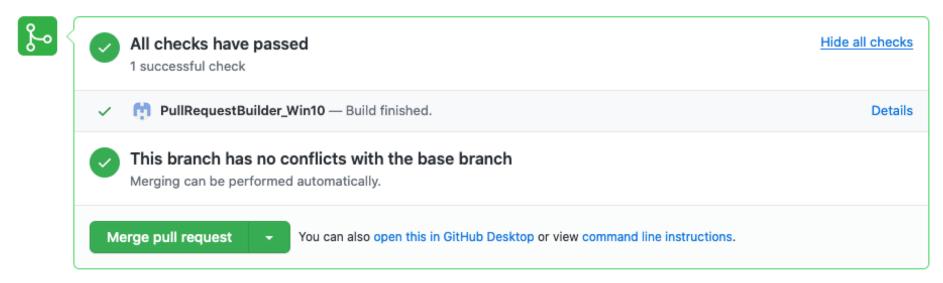


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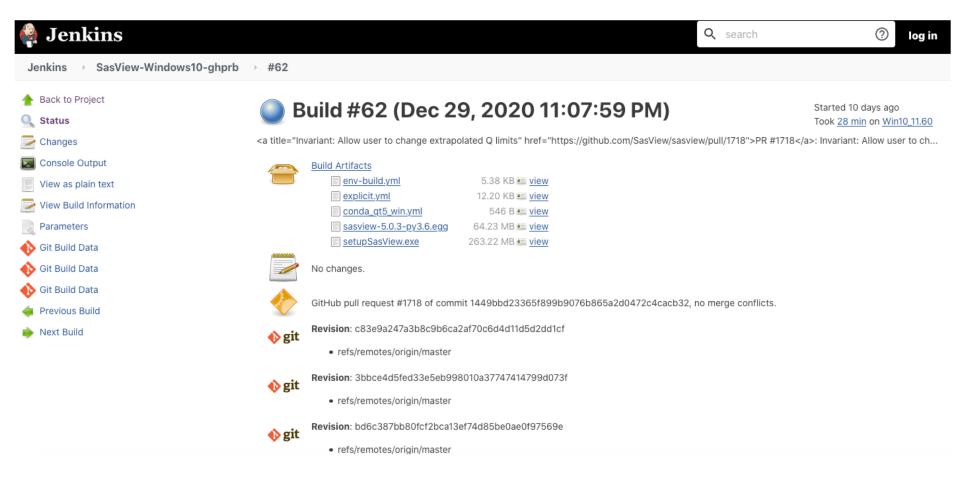
SasView Installers



Add more commits by pushing to the invariant_q_limits branch on SasView/sasview.



SasView Installers



Communication channels

- Slack
- #code_camp channel
- This zoom
- Gathertown
- And of course emails

How to test?

- Make sure SasView installs and runs
- There may be some issues for beta installers
- Test functionality: make sure fix works and new bugs are not introduced. You may follow <u>this QA</u> <u>form</u>
- (Review code and make comments on Github PR)
- (Make sure <u>unit tests</u> passes)

More about the code tomorrow...

- Build system
- Code overview
- Writing tests
- Github actions
- Model Marketplace

Same time, same zoom link!