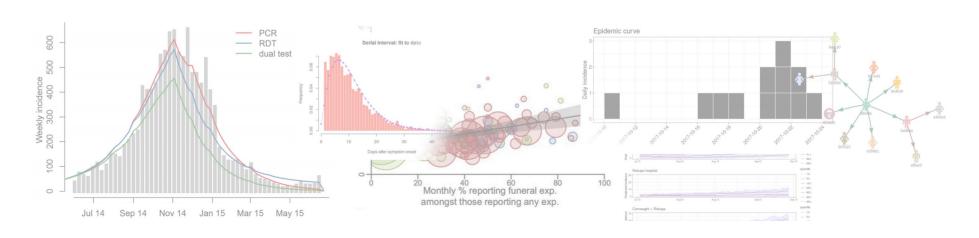


A collaborative platform to help the epidemic response using R

M. Rolland mj.rolland@gmail.com

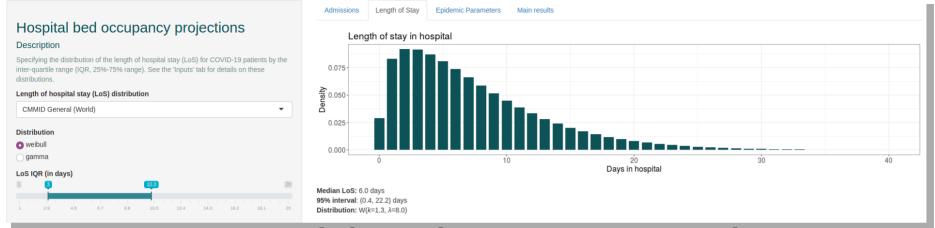
August 28, 2020

## R Epidemics CONsortium



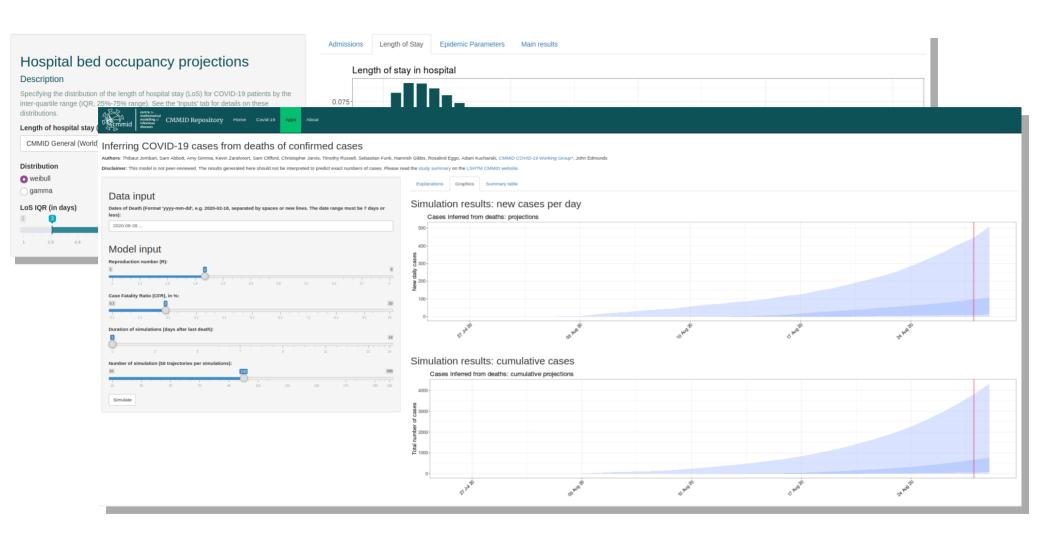


www.repidemicsconsortium.org



## R Epidemics CONsortium

www.repidemicsconsortium.org



RECON

package

maintainers

RECON

package

maintainers

Field agents

RECON

package

maintainers

Field agents

RECON

package

maintainers

Task managing platform

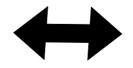
Field agents

RECON package maintainers



Field agents

Task managing platform





RECON

package

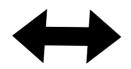
maintainers





Field agents

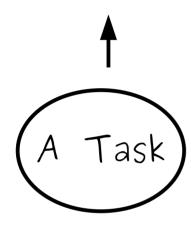


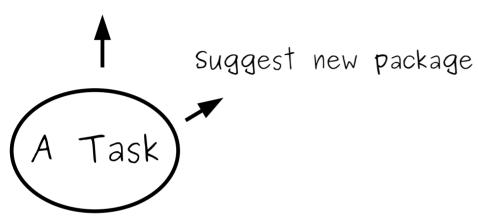


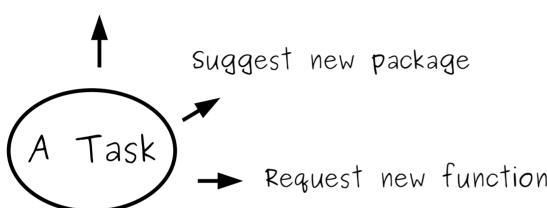


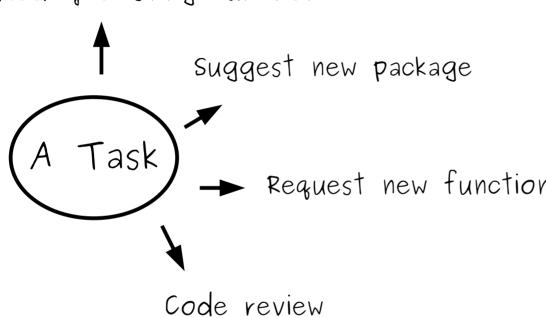
# Task Definition

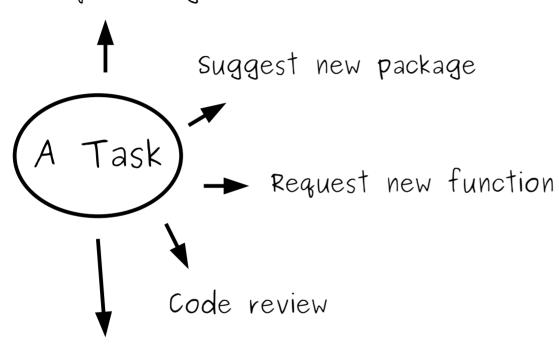




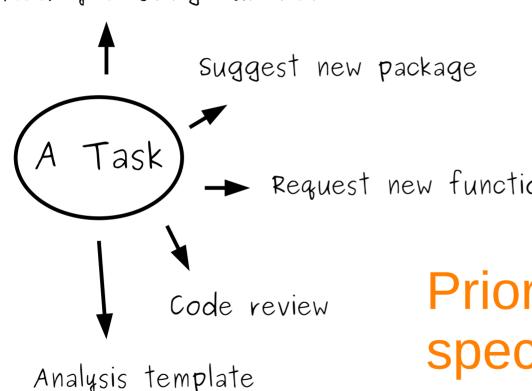








Analysis template



Priority to COVID-19 specific tasks

# Platform specifications

RECON package maintainers

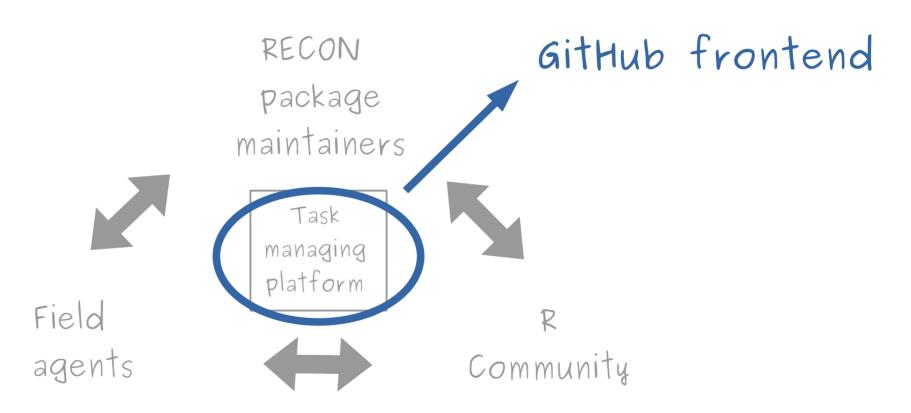


Field agents

Task managing platform







RECON package

maintainers

GitHub frontend



Field agents







RECON package

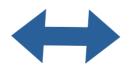
maintainers

GitHub frontend



Field agents







RECON package

maintainers

GitHub frontend



Field agents







RECON package maintainers GitHub frontend



Field agents







RECON package

maintainers

GitHub frontend

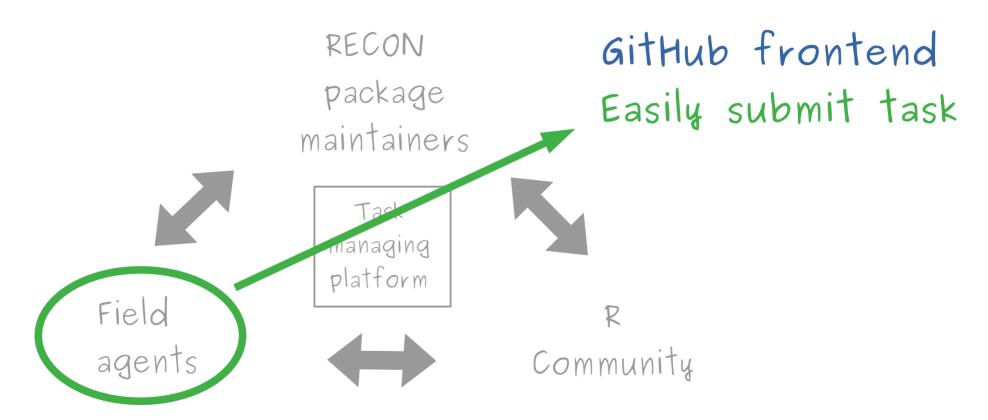


Field agents







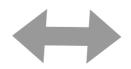


RECON package maintainers GitHub frontend Easily submit task



Field agents

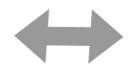
Task managing platform





RECON package maintainers

> Task managing platform



GitHub frontend
Easily submit task
Easily browse tasks

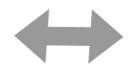




Field agents

RECON package maintainers

> Task managing platform



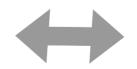
GitHub frontend
Easily submit task
Easily browse tasks



Field agents

RECON package maintainers

> Task managing platform



GitHub frontend
Easily submit task
Easily browse tasks
Classify tasks

R Community



Field agents



# Task Lifecycle



- 1 Field agent opens task
- 2 Project board validates task

- 1 Field agent opens task
- 2 Project board validates task
- 3 R programmer browses tasks

- 1 Field agent opens task
- 2 Project board validates task
- 3 R programmer browses tasks
- 4 R programmer assigns him/herself task

- 1 Field agent opens task
- 2 Project board validates task
- 3 R programmer browses tasks
- 4 R programmer assigns him/herself task
- 5 Field agent + R programmer solve task

- 1 Field agent opens task
- 2 Project board validates task
- 3 R programmer browses tasks
- 4 R programmer assigns him/herself task
- 5 Field agent + R programmer solve task
- 6 (Package maintainer includes code in package)

- 1 Field agent opens task
- 2 Project board validates task
- 3 R programmer browses tasks
- 4 R programmer assigns him/herself task
- 5 Field agent + R programmer solve task
- 6 (Package maintainer includes code in package)
- 7 Field agent closes task

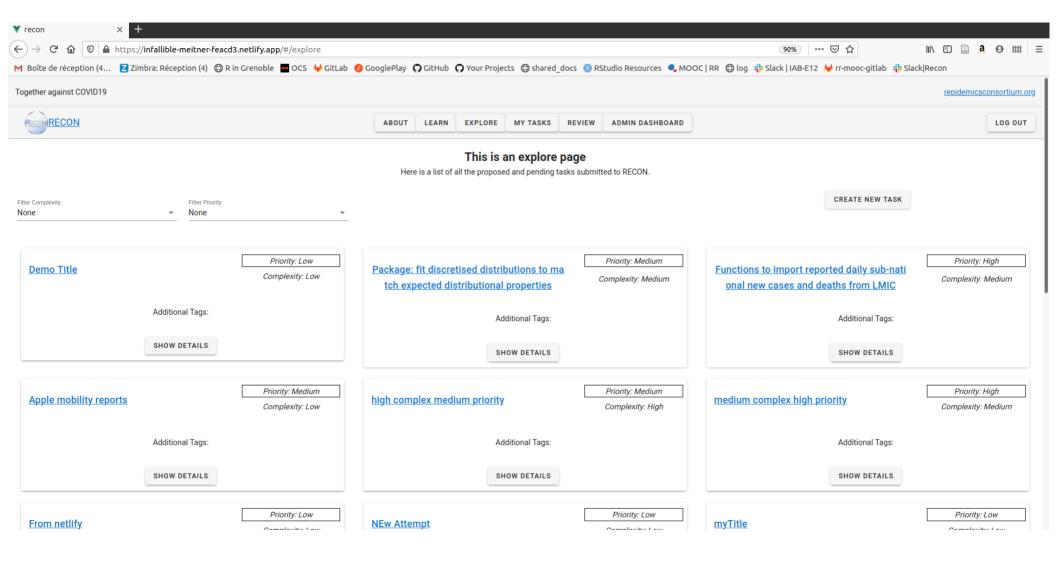
- 1 Field agent opens task
- 2 Project board validates task
- 3 R programmer browses tasks
- 4 R programmer assigns him/herself task
- 5 Field agent + R programmer solve task
- 6 (Package maintainer includes code in package)
- Tield agent closes task

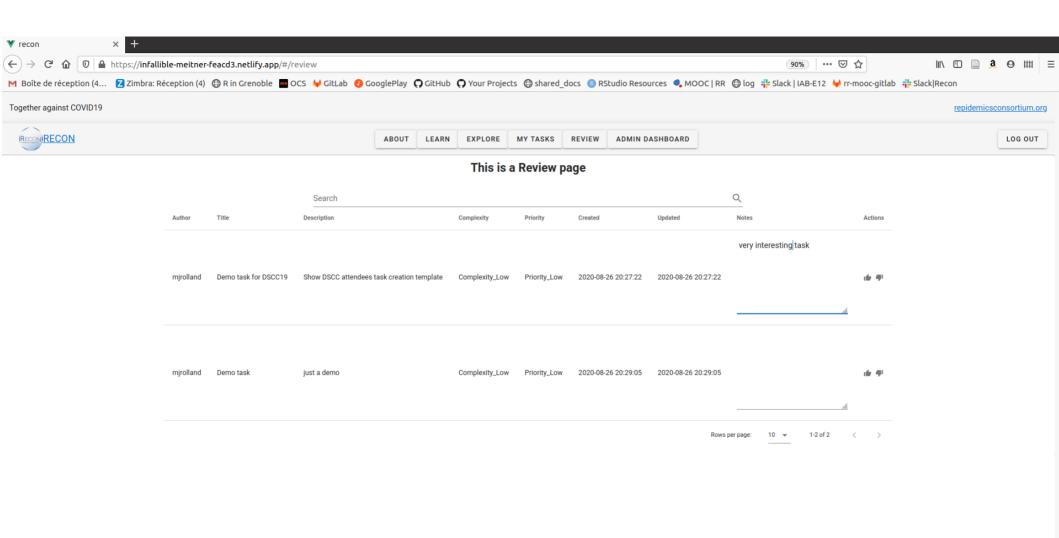
PLATFORM

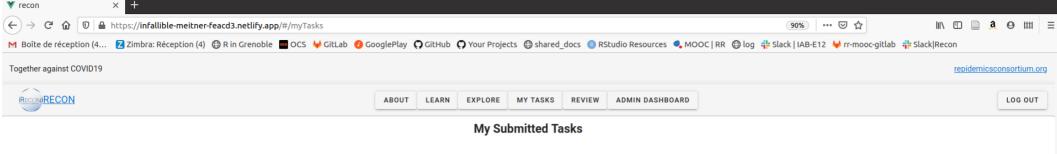
- 1 Field agent opens task
- 2 Project board validates task
- 3 R programmer browses tasks
- 4 R programmer assigns him/herself task
- 5 Field agent + R programmer solve task
- 6 (Package maintainer includes code in package)
- 7 Field agent closes task

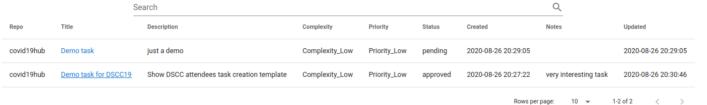
PLATFORM

GITHUB





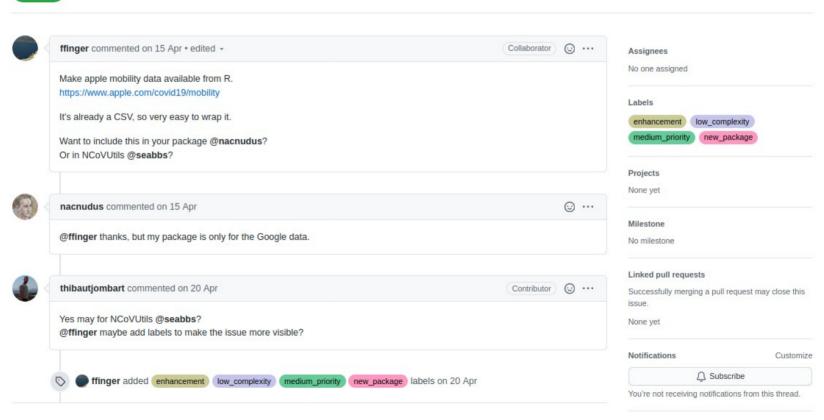




### Apple mobility reports #7

New issue

① Open ffinger opened this issue on 15 Apr · 2 comments



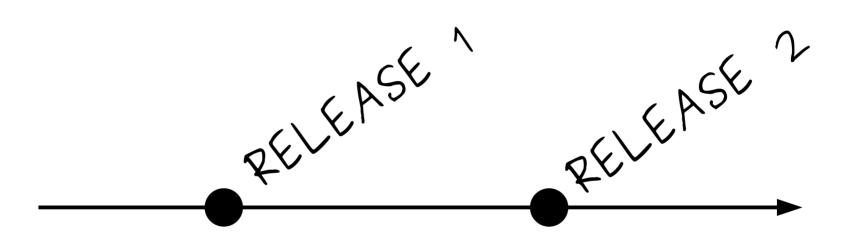
## Milestones

### Milestones



September 2020

## Milestones



September 2020

October 2020

# Join the response against COVID19!

## Join the response against COVID19!



@RECONEPI



repidemics consortium @gmail.com



www.repidemicsconsortium.org



github.com/reconhub/

Thank you:)

Thank you:) //>/

Thank you:) %>%

questions()?