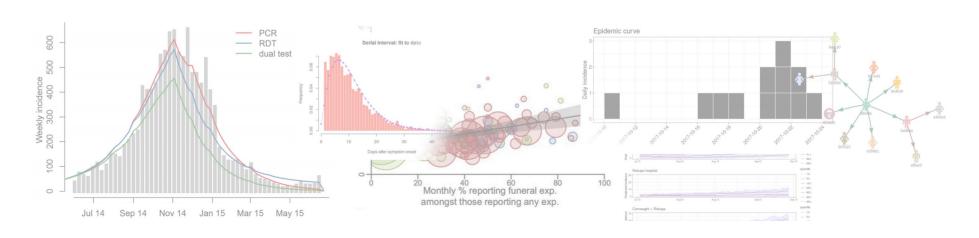


A collaborative platform to help the epidemic response using R

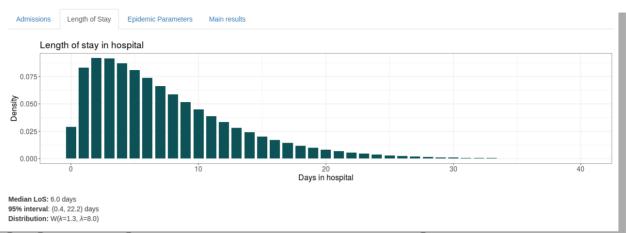
M. Rolland mj.rolland@gmail.com

August 28, 2020

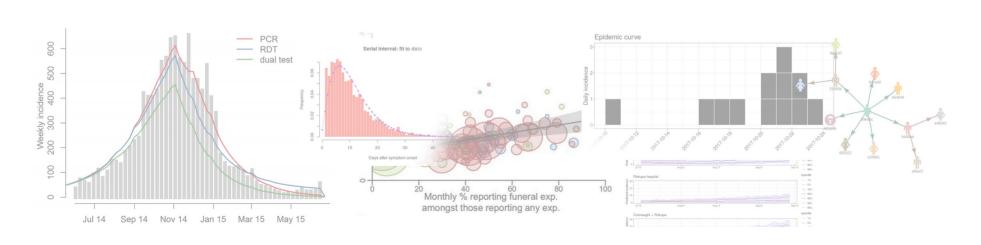
## R Epidemics CONsortium

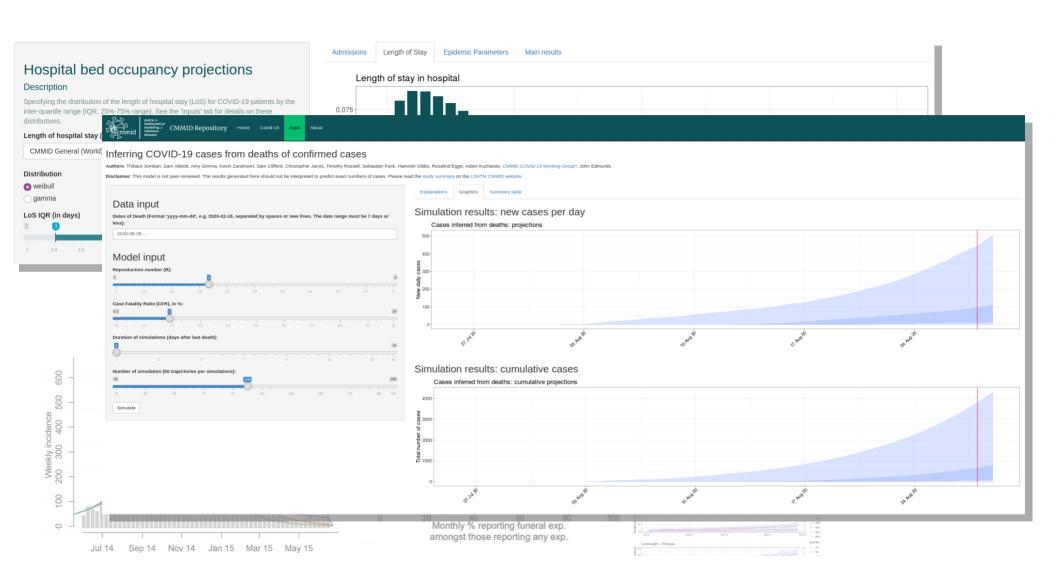






### R Epidemics CONsortium







www.repidemicsconsortium.org

RECON

package

maintainers

RECON

package

maintainers

Field agents

RECON

package

maintainers

Field agents

RECON

package

maintainers

Communication platform

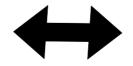
Field agents

RECON package maintainers



Field agents

Communication platform



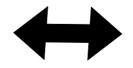


RECON package maintainers



Field agents

Task managing platform





RECON

package

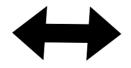
maintainers





Field agents

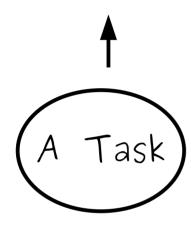
Task managing platform

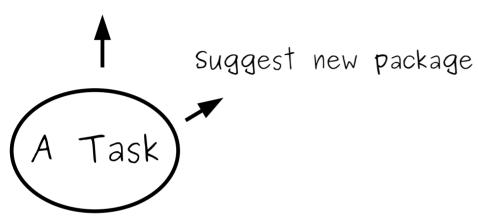


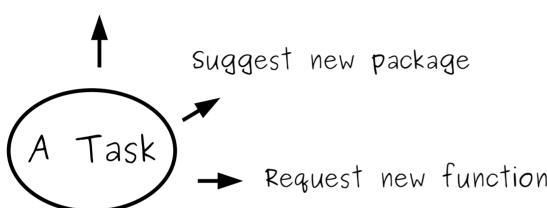


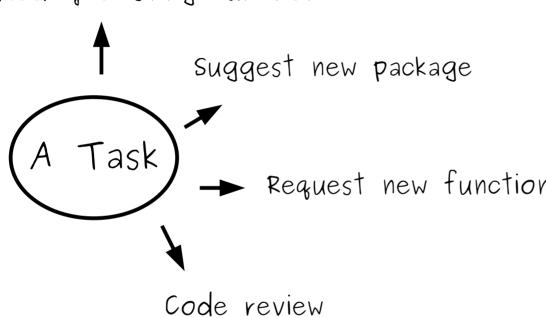
# Task Definition

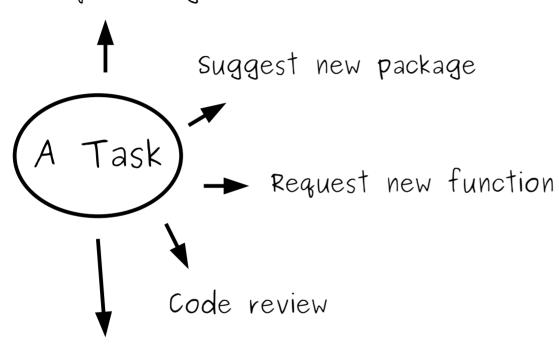




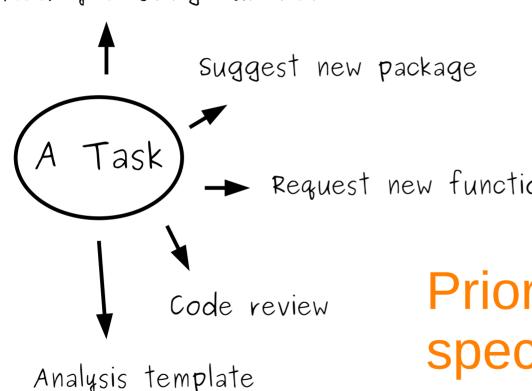








Analysis template



Priority to COVID-19 specific tasks

# Platform specifications

RECON package maintainers

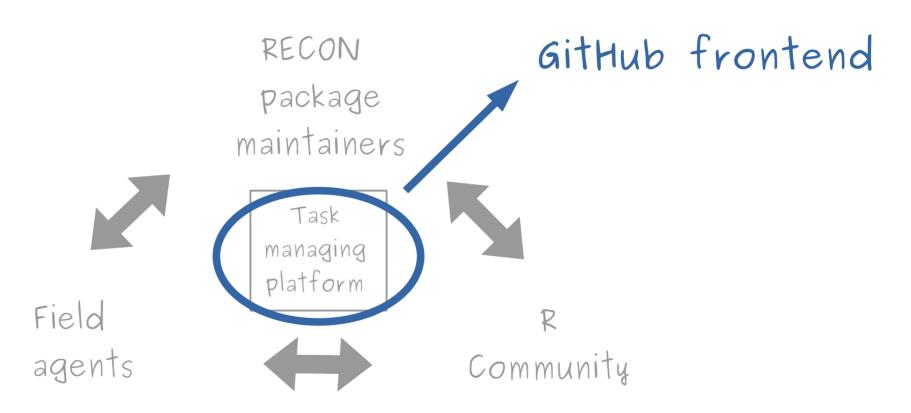


Field agents

Task managing platform







RECON package

maintainers

GitHub frontend



Field agents







RECON package

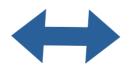
maintainers

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

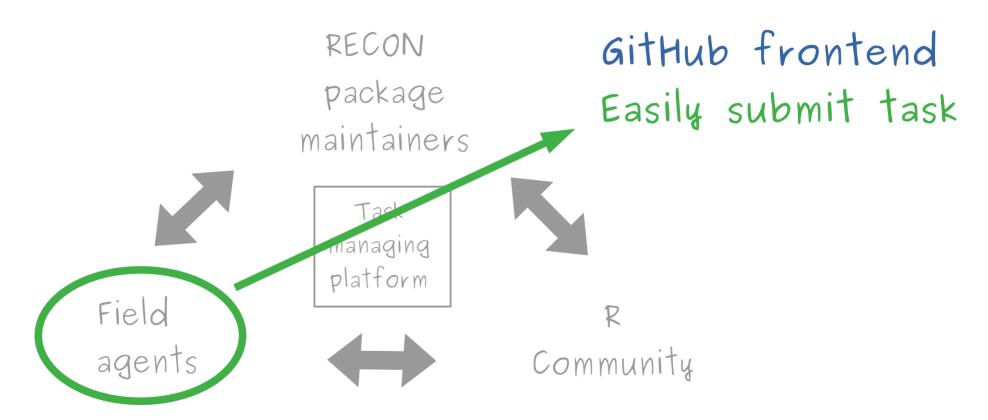


Field agents

Task managing platform





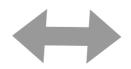


RECON package maintainers GitHub frontend Easily submit task



Field agents

Task managing platform





RECON package maintainers

GitHub frontend Easily submit task



Field agents

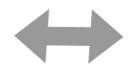
Task managing platform





RECON package maintainers

> Task managing platform



Easily submit task
Gather & classify
tasks

GitHub frontend



Field agents

RECON package maintainers

> Task managing platform



GitHub frontend Easily submit task Gather & classify tasks

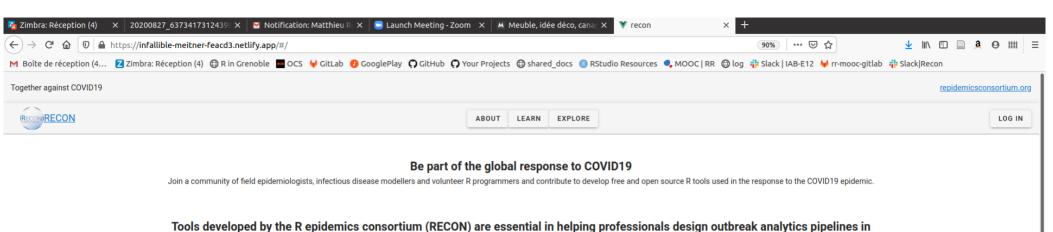
R Community

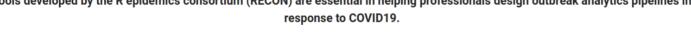


Field agents

# Task Lifecycle





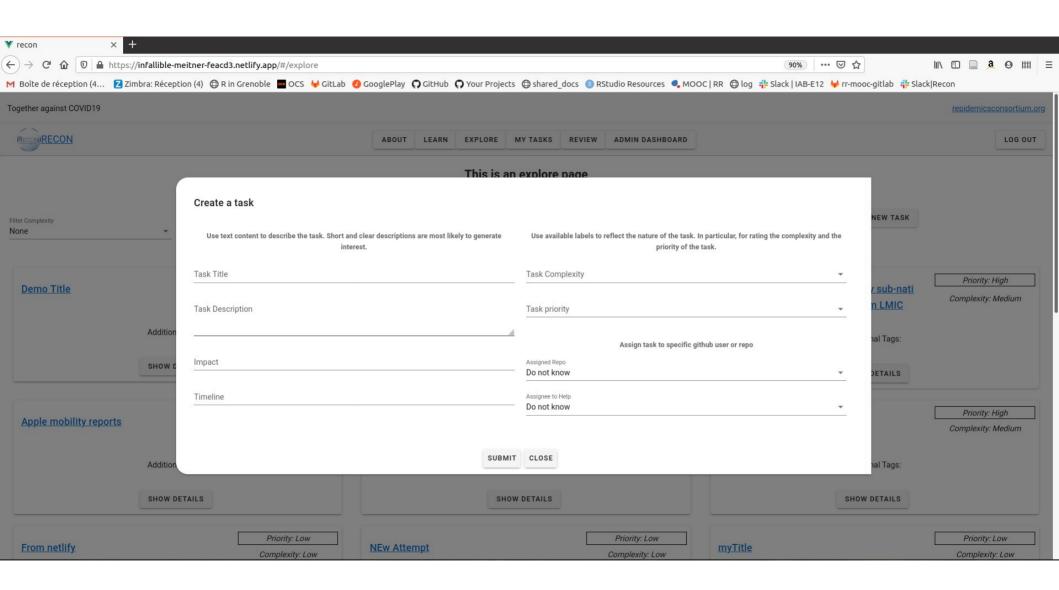


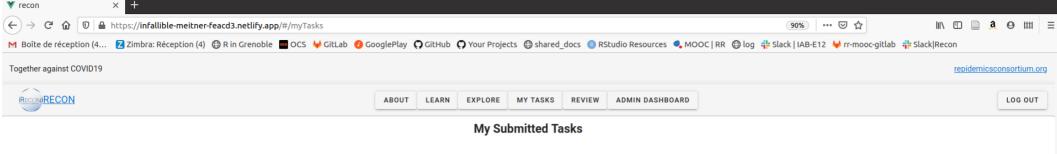


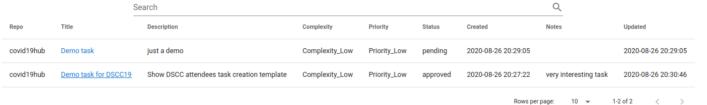
The tasking manager is a direct communication channel between field agents actively working on the response to COVID19 and the R community.

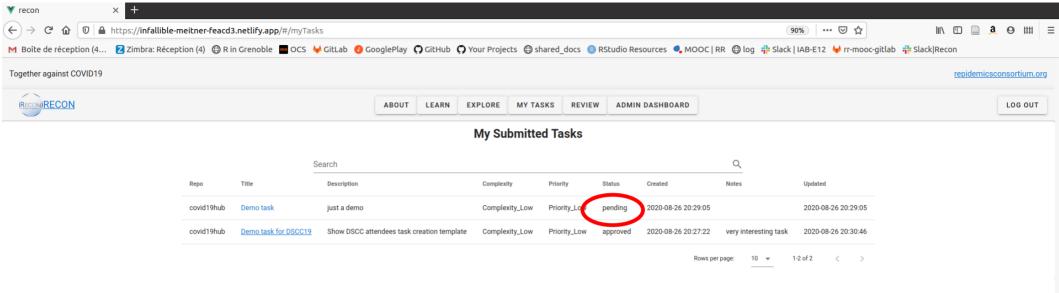




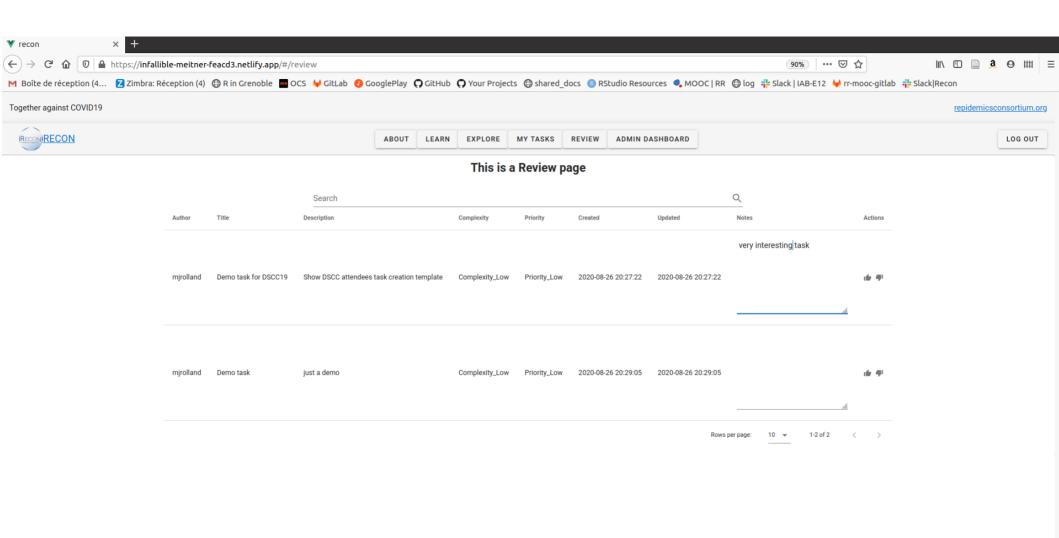


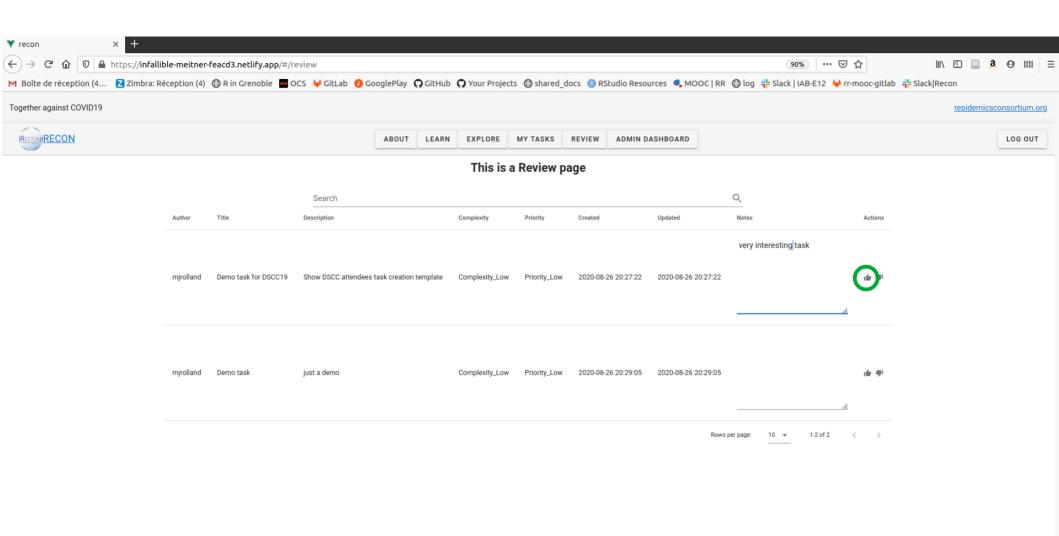


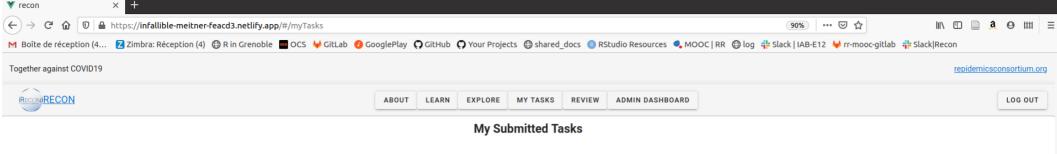


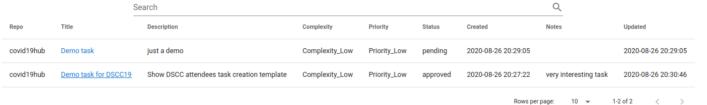


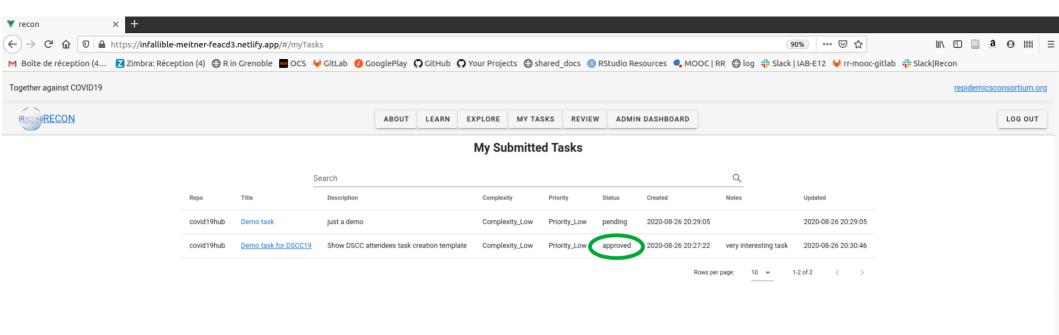
- 1 Field agent opens task
- 2 Project board validates task

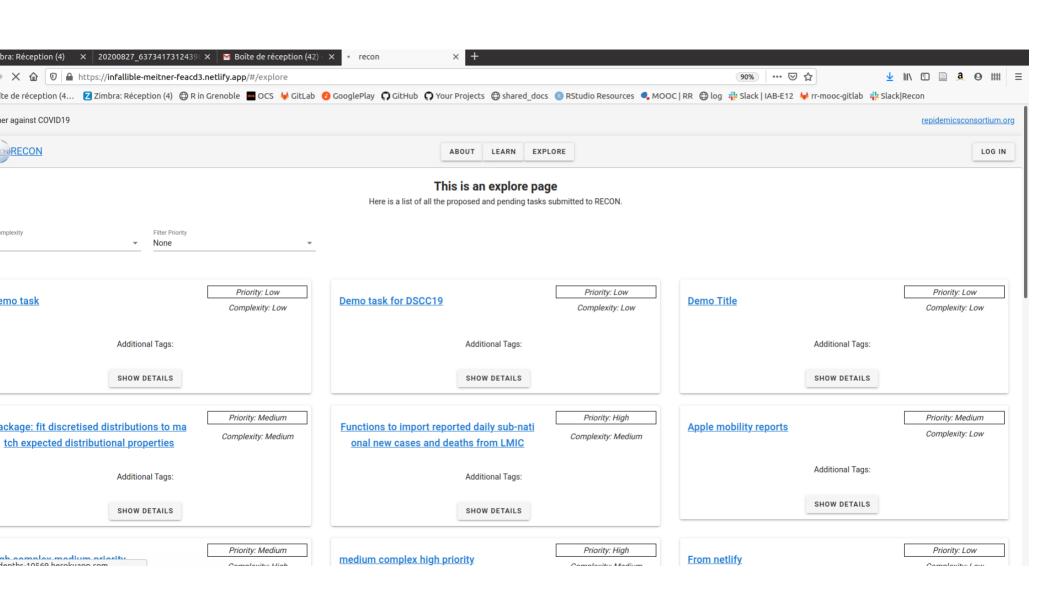


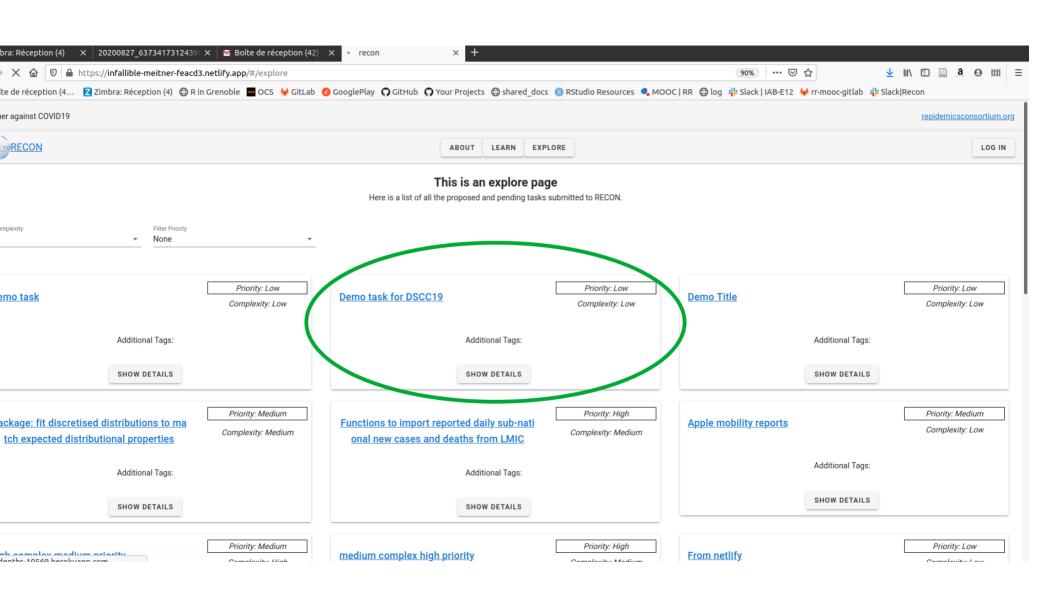






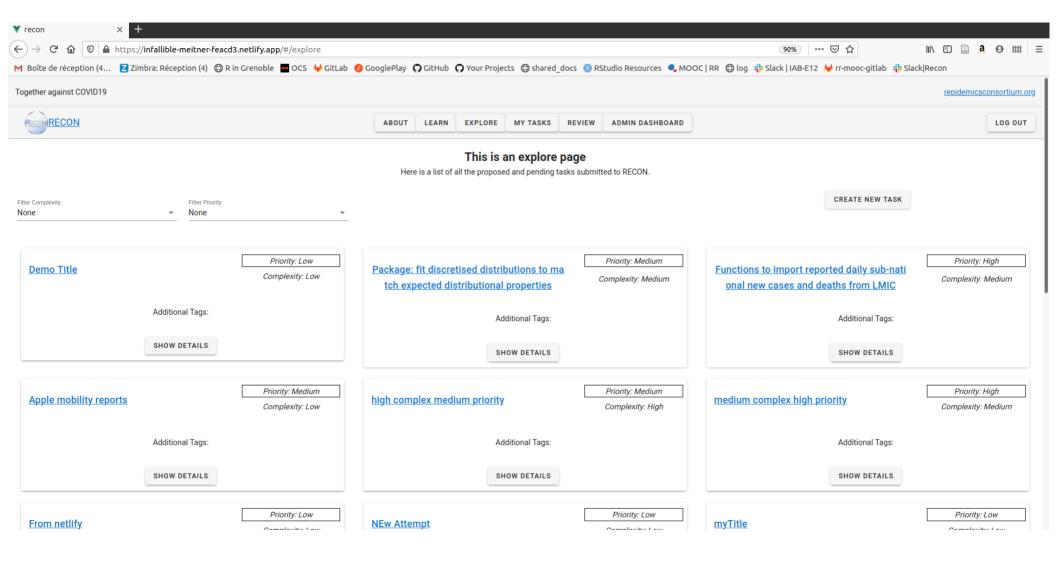






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- 1 Field agent opens task
- 2 Project board validates task
- 3 R programmer browses tasks



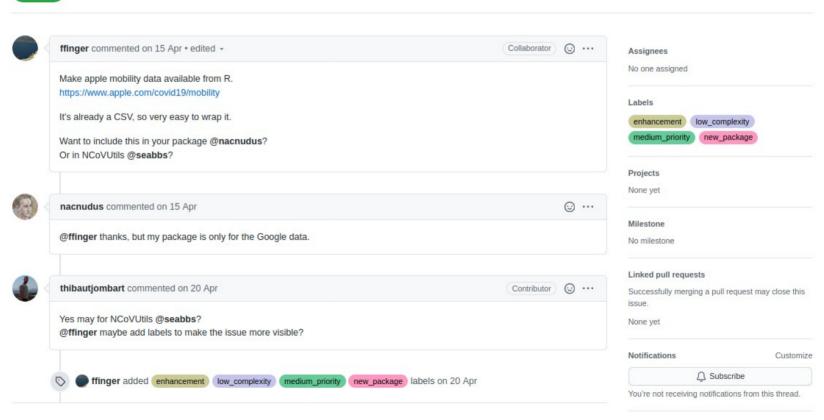
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- 4 R programmer assigns him/herself task

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- 5 Field agent + R programmer solve task

### Apple mobility reports #7

New issue

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



- 1 Field agent opens task
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- 5 Field agent + R programmer solve task
- 6 (Package maintainer includes code in package)

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PLATFORM

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PLATFORM

GITHUB

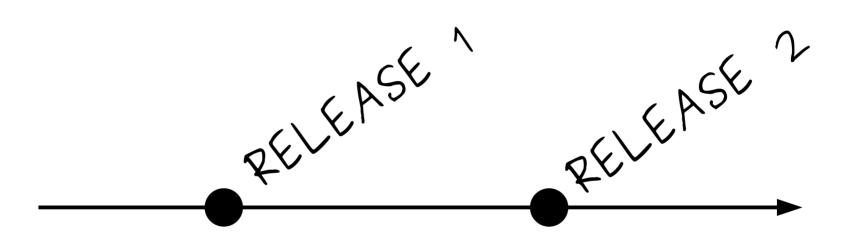
## Milestones

### 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()?