

# COVID-19 challenge

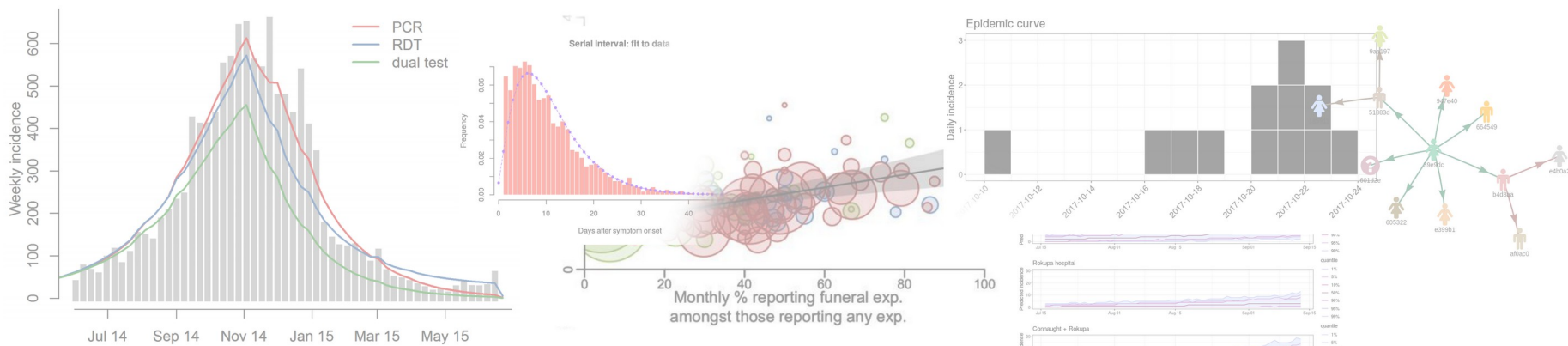
*A collaborative platform to help the epidemic response*

M. Rolland  
mj.rolland@gmail.com

August 28, 2020

# RECON

# R Epidemics CONsortium



RECON

**R** Epidemics **CON**sortium

[www.repidemicsconsortium.org](http://www.repidemicsconsortium.org)

# COVID-19 challenge

# COVID-19 challenge

RECON

package

maintainers

# COVID-19 challenge

RECON  
package  
maintainers

Field  
agents

# COVID-19 challenge

RECON  
package  
maintainers

Field  
agents

R  
Community

# COVID-19 challenge

RECON  
package  
maintainers

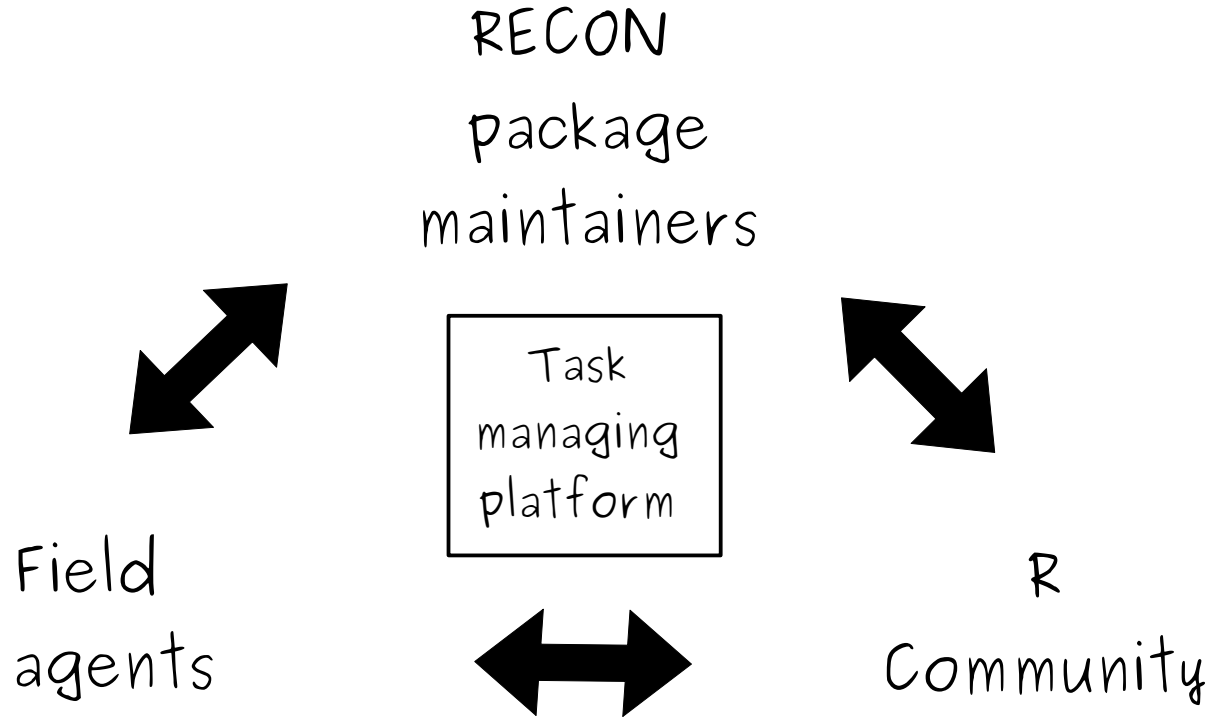
Task  
managing  
platform

Field  
agents

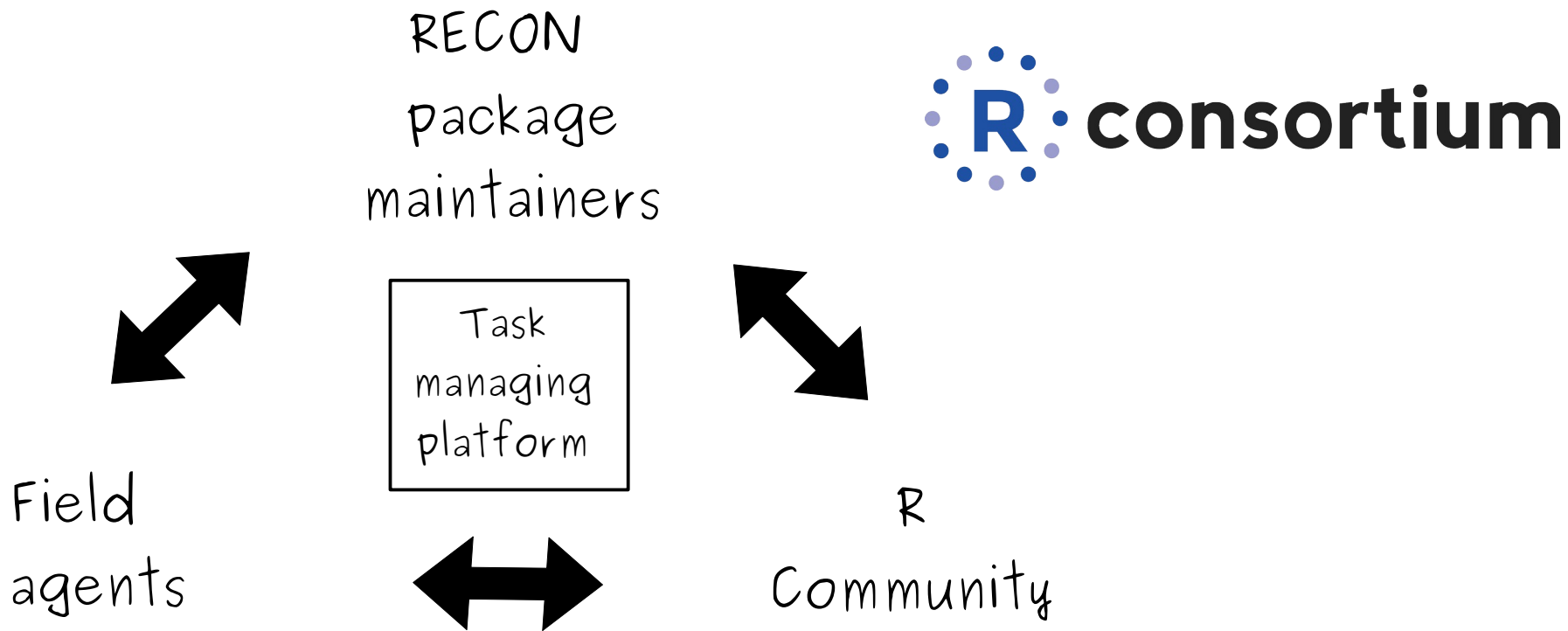
R  
Community



# COVID-19 challenge



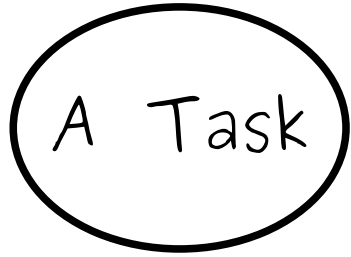
# COVID-19 challenge



# Task Definition

A Task

Modify existing function



Modify existing function



Suggest new package



Modify existing function



Suggest new package

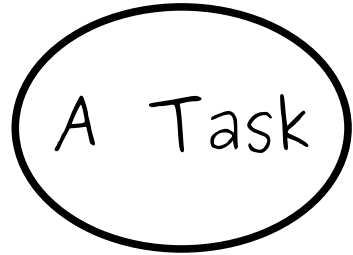


Request new function

Modify existing function



Suggest new package



Request new function



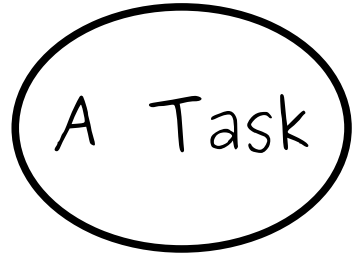
Code review



Modify existing function



Suggest new package



Request new function

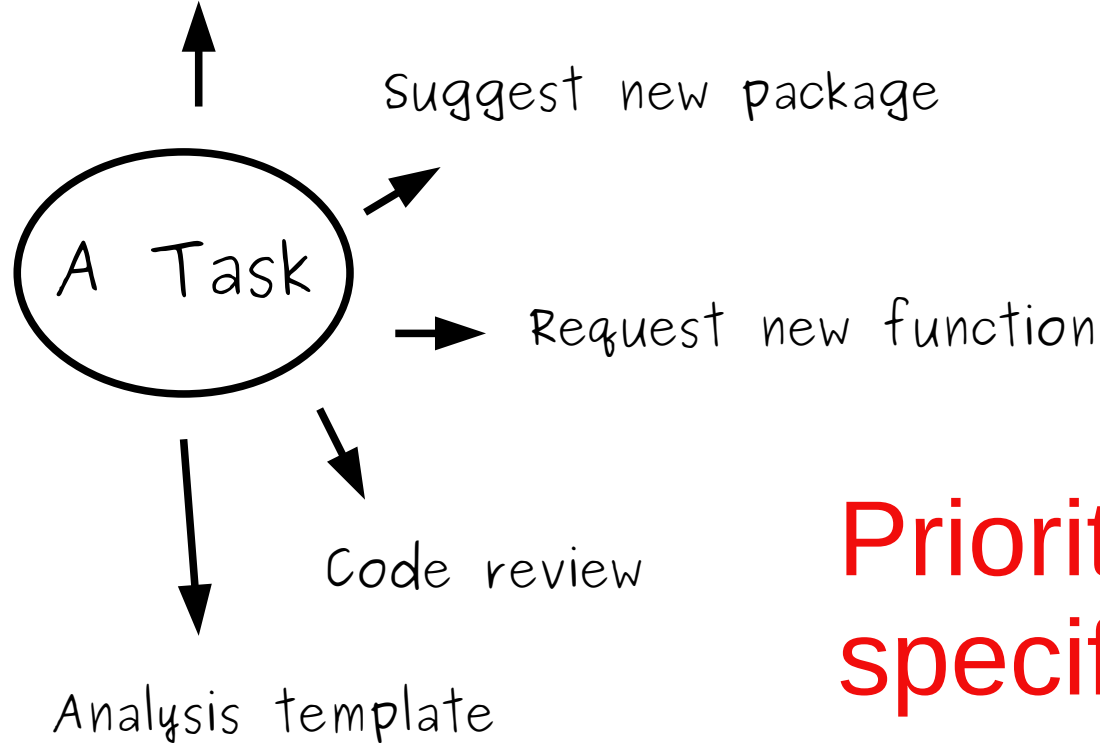


Code review



Analysis template

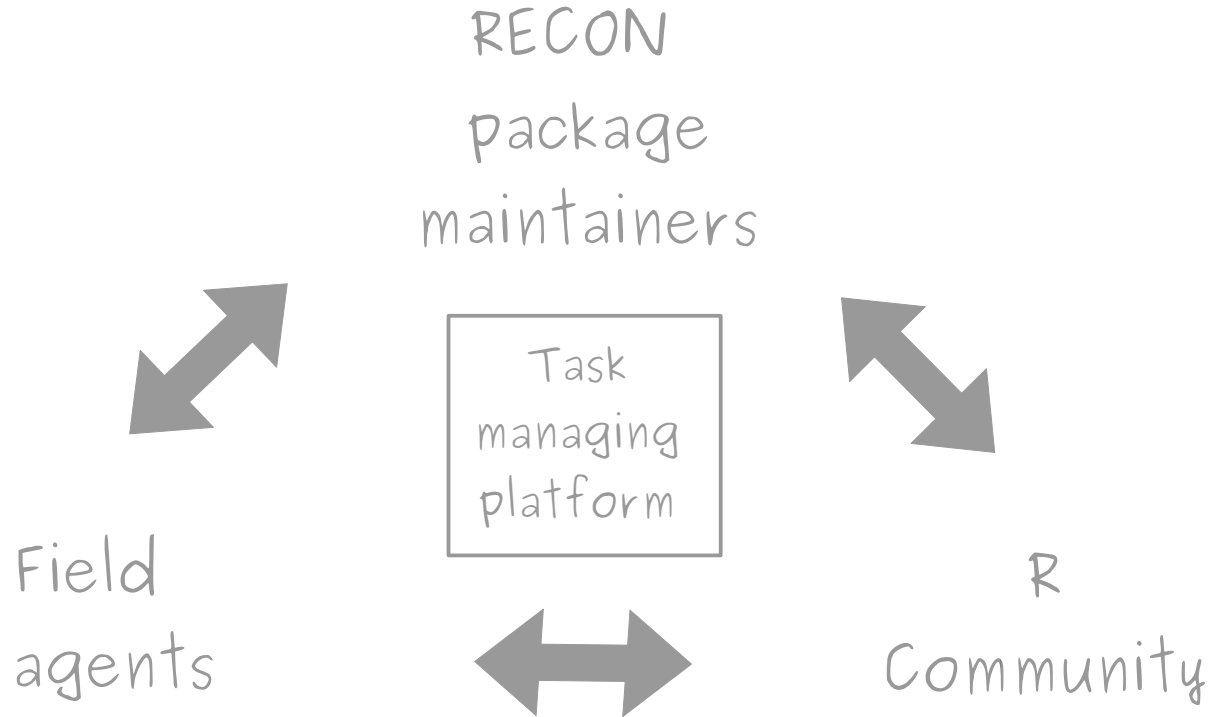
Modify existing function



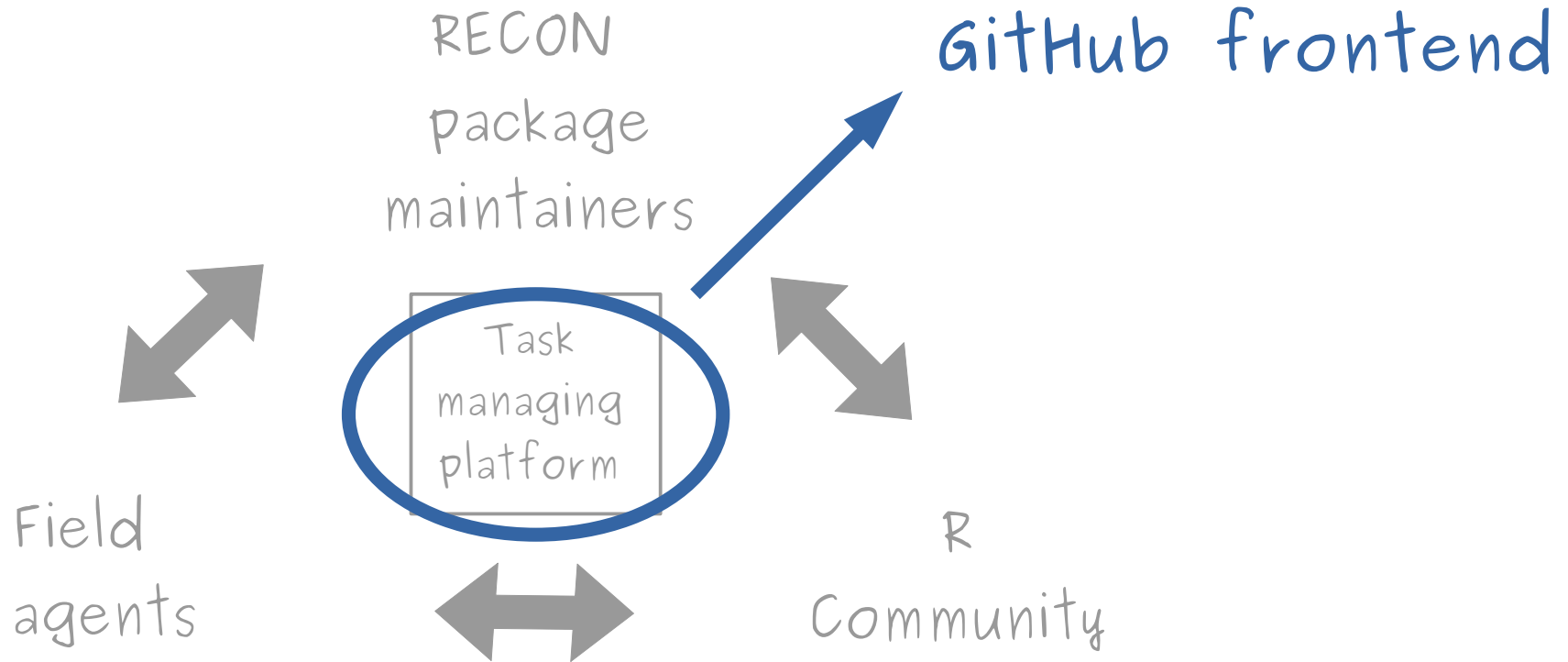
**Priority to COVID-19  
specific tasks**

# Platform specifications

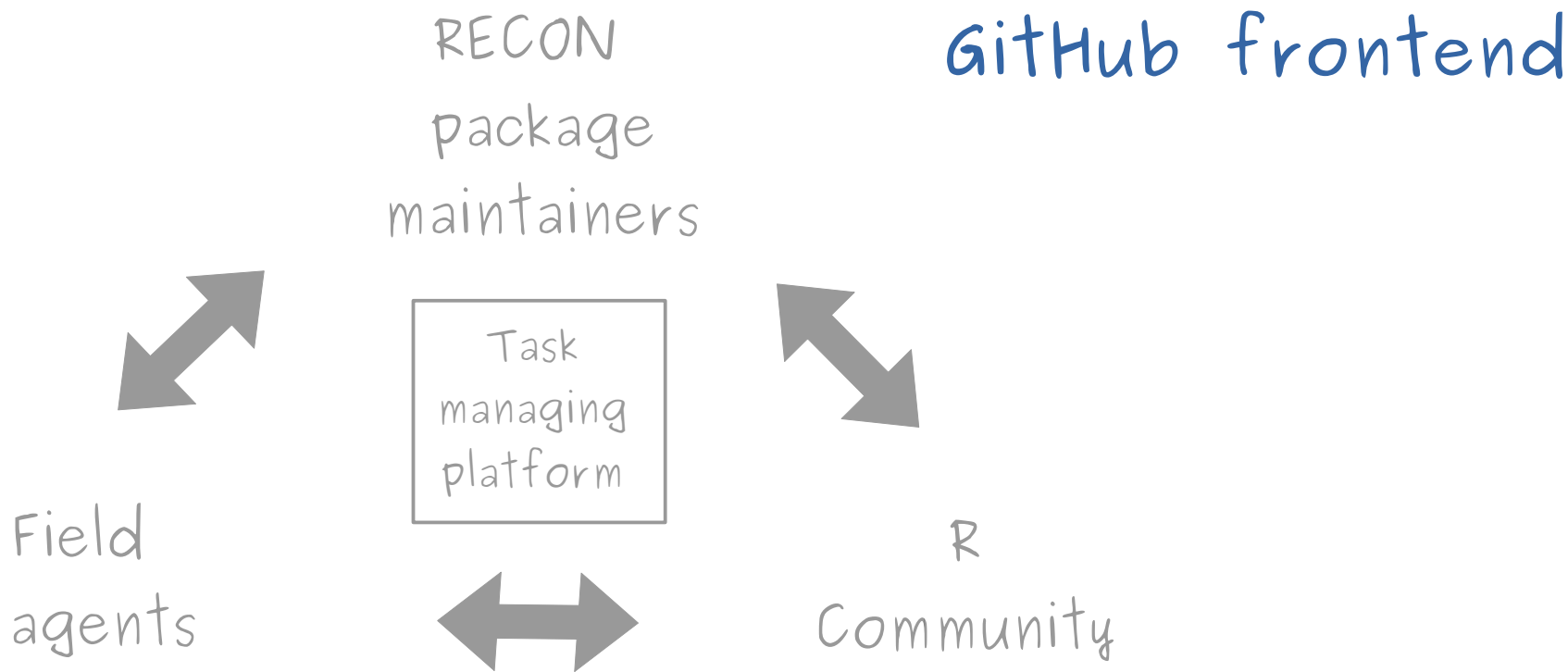
# COVID-19 challenge



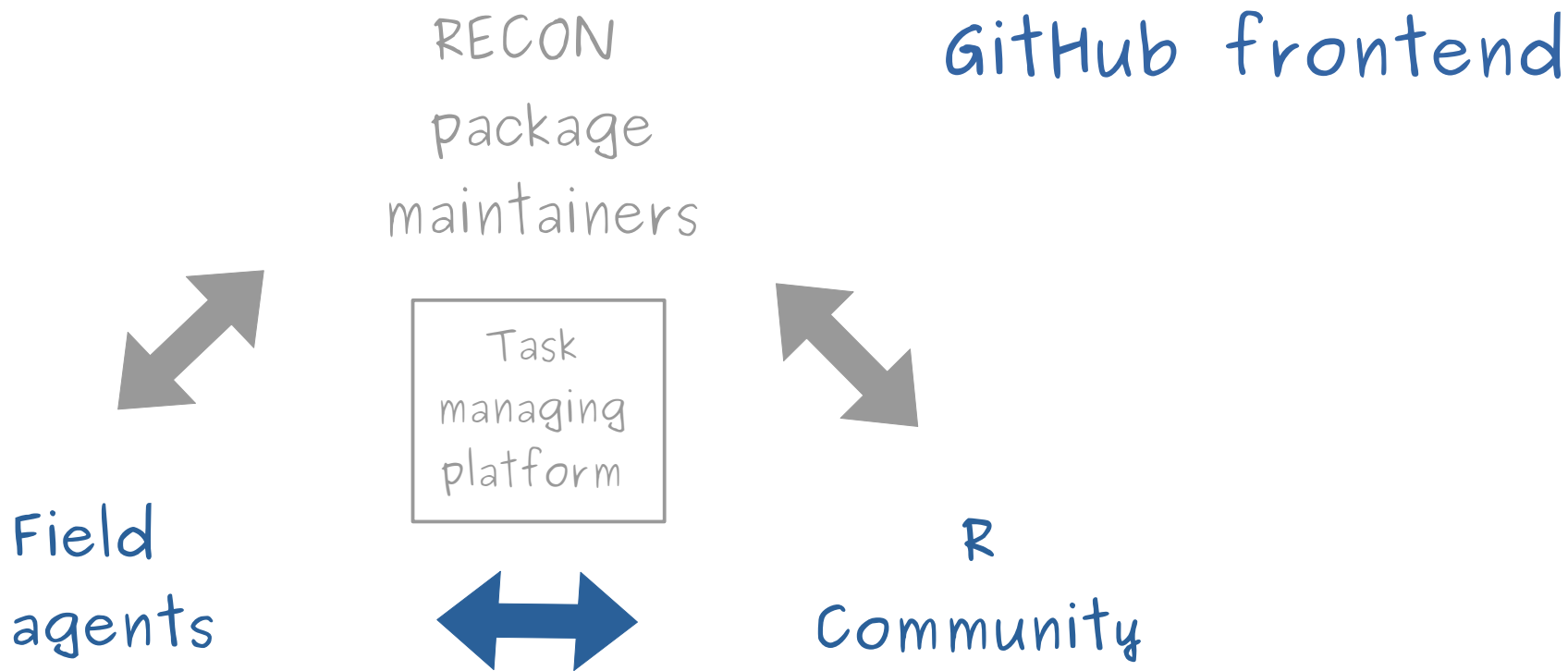
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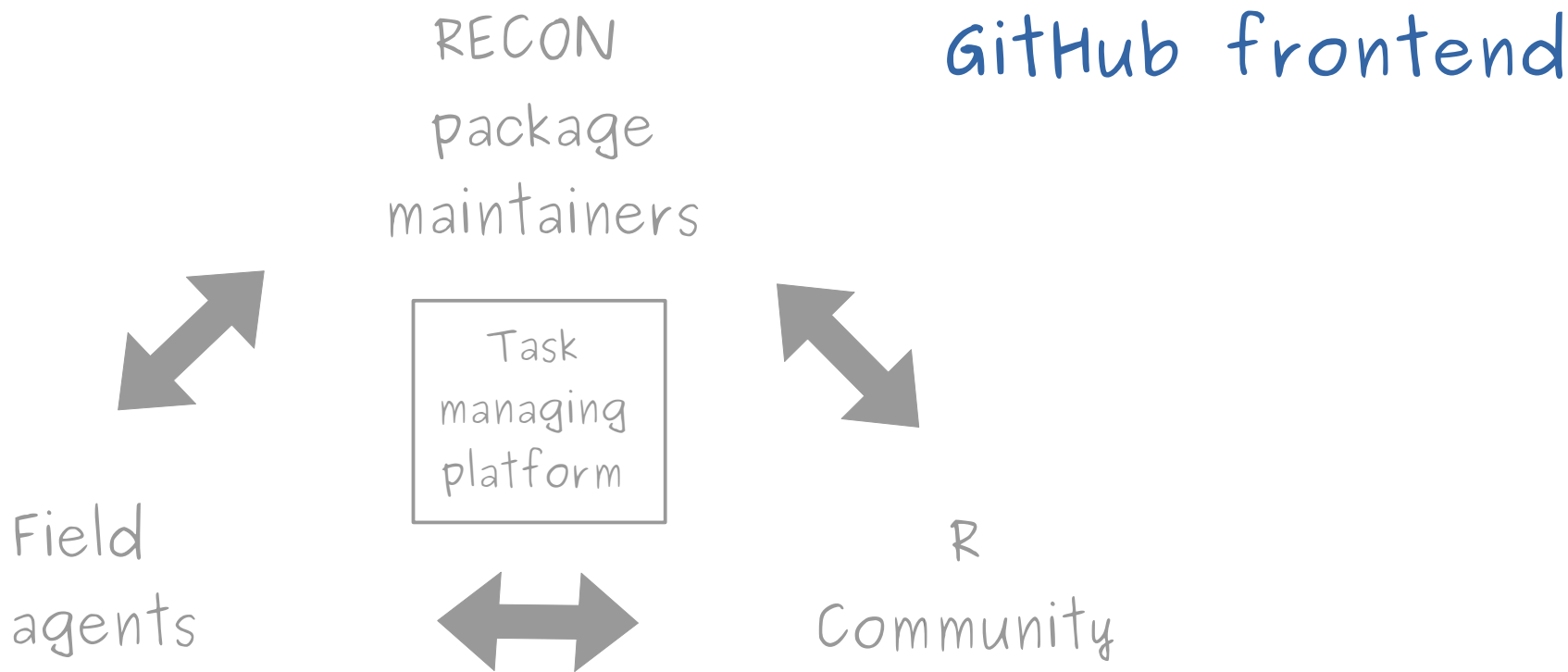
# COVID-19 challenge



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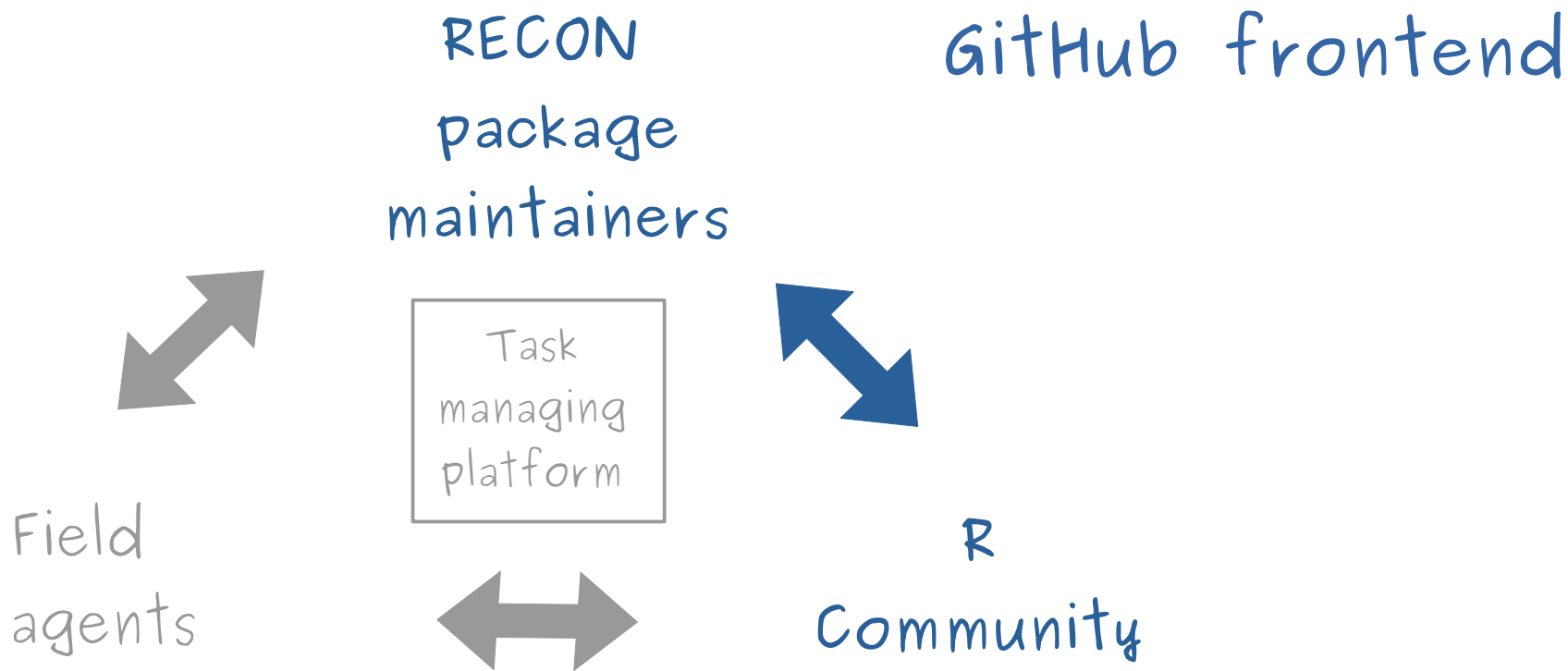


# COVID-19 challenge

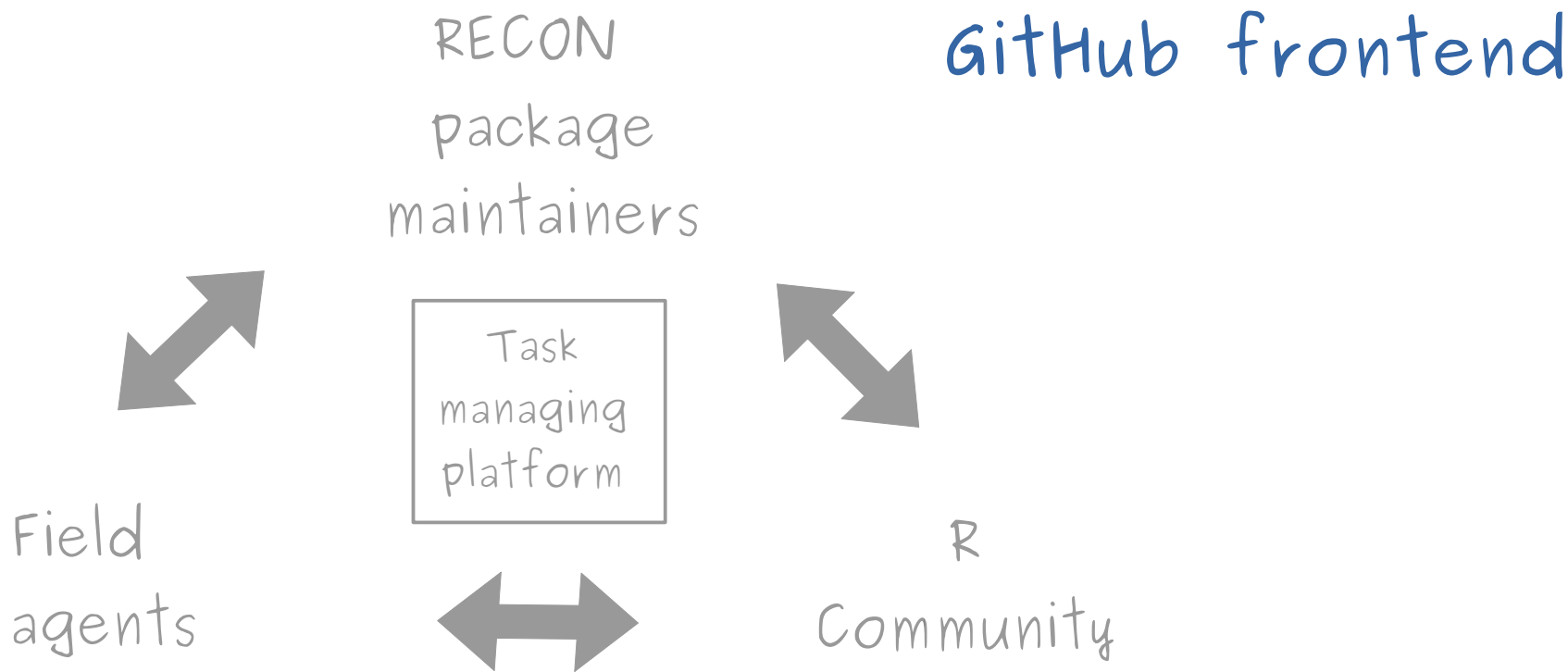




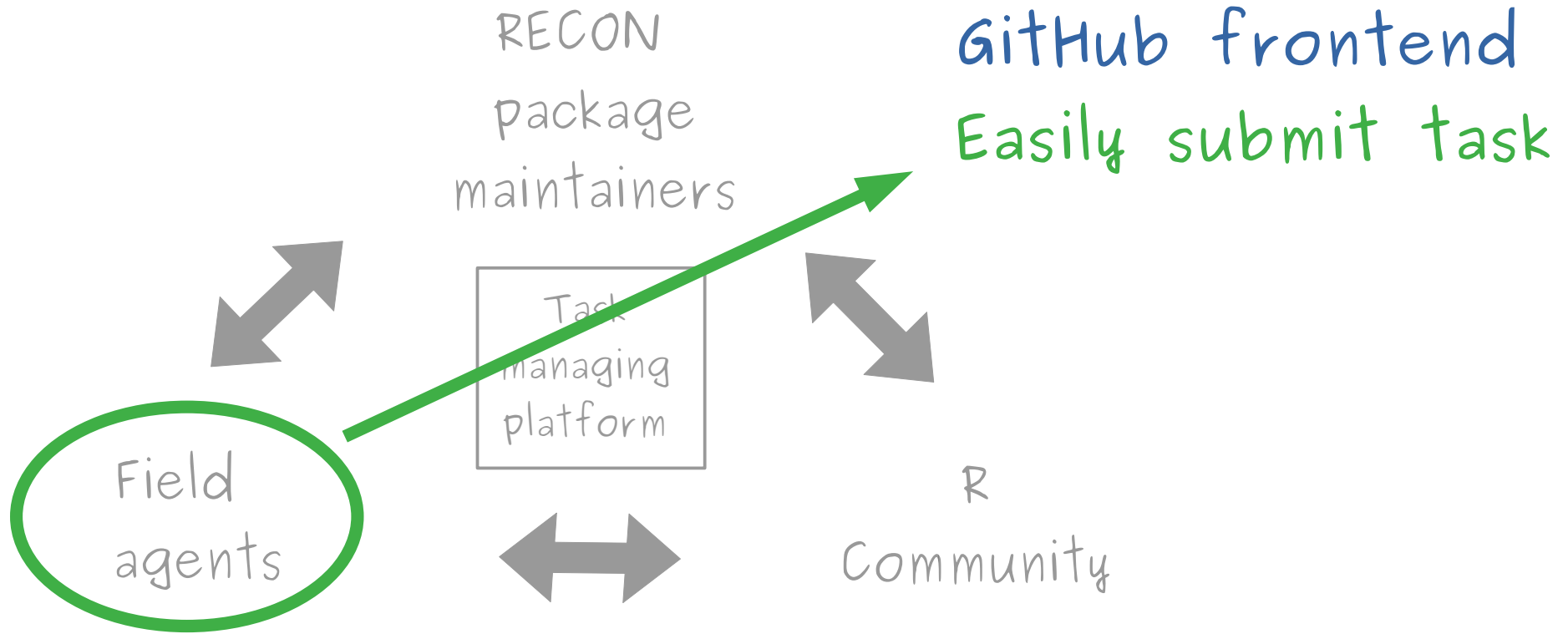
# COVID-19 challenge



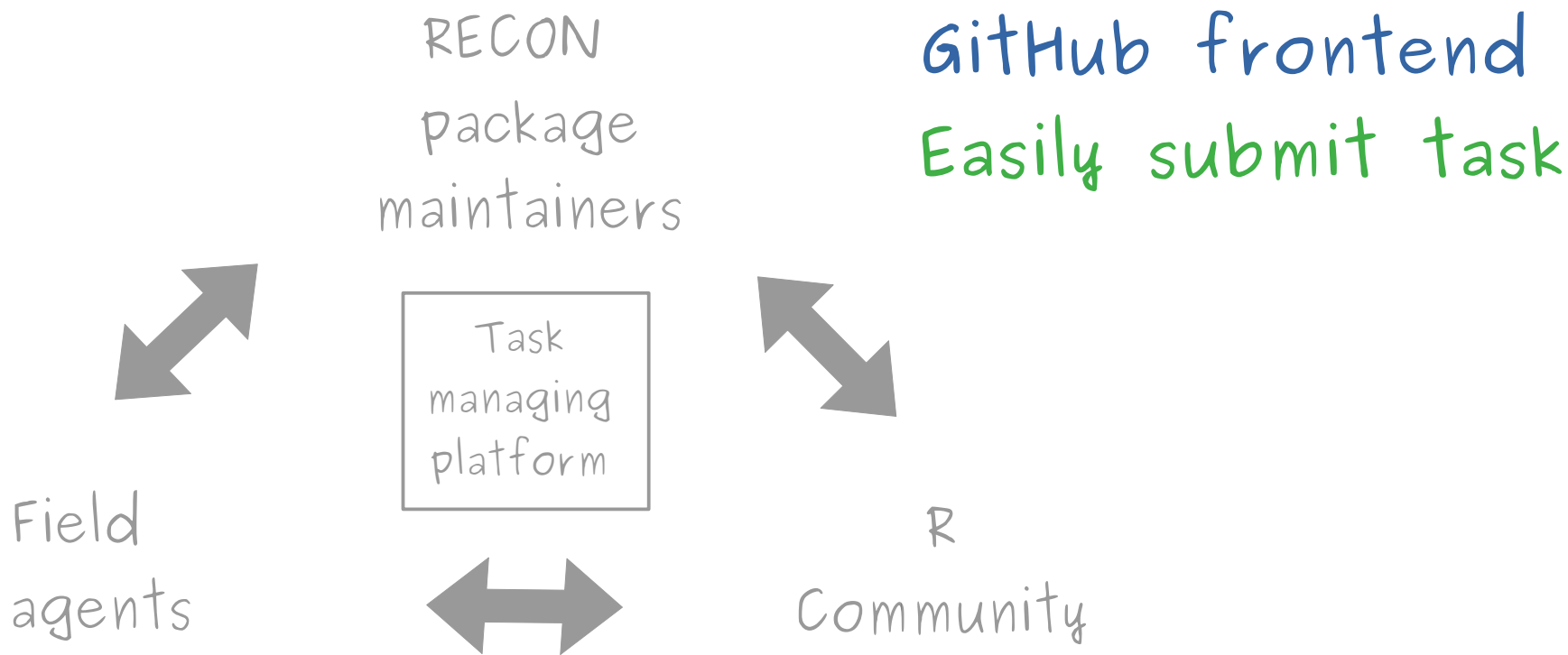
# COVID-19 challenge



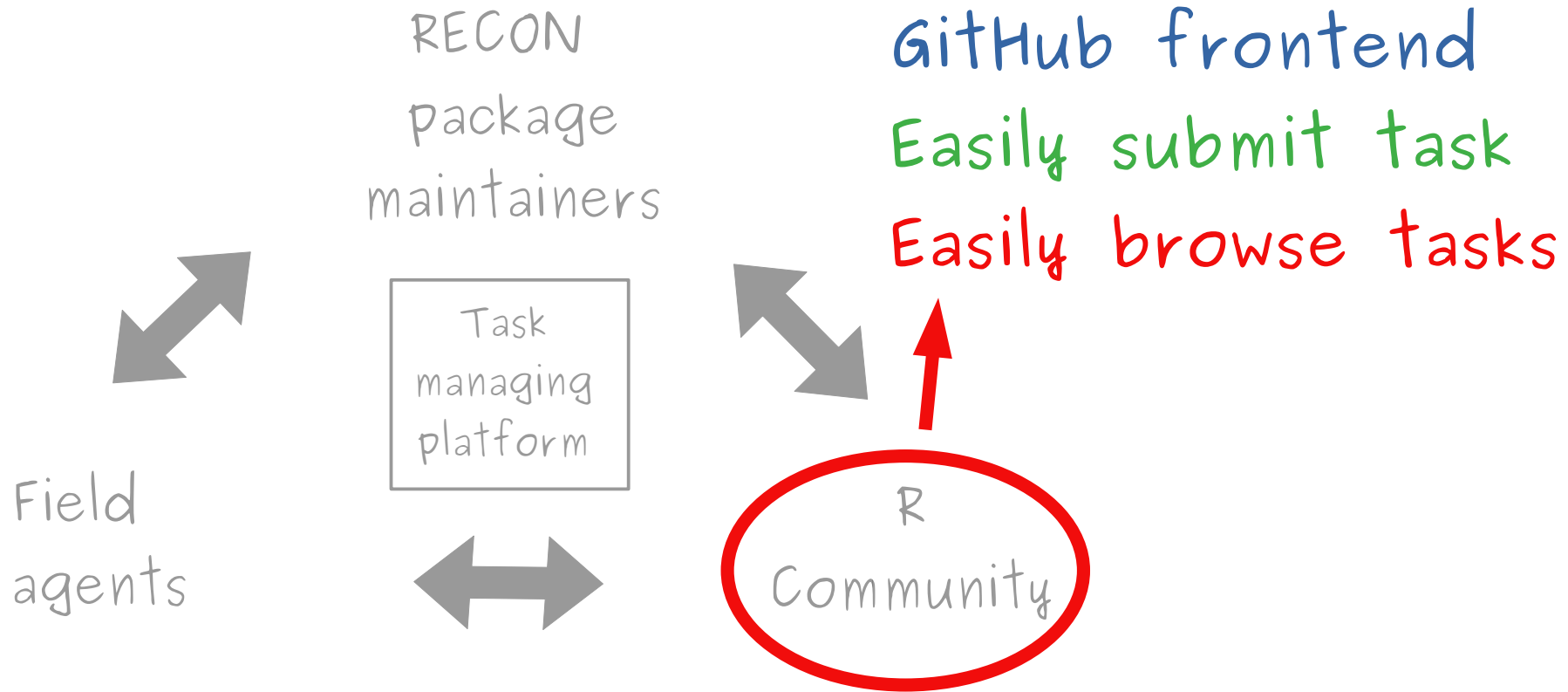
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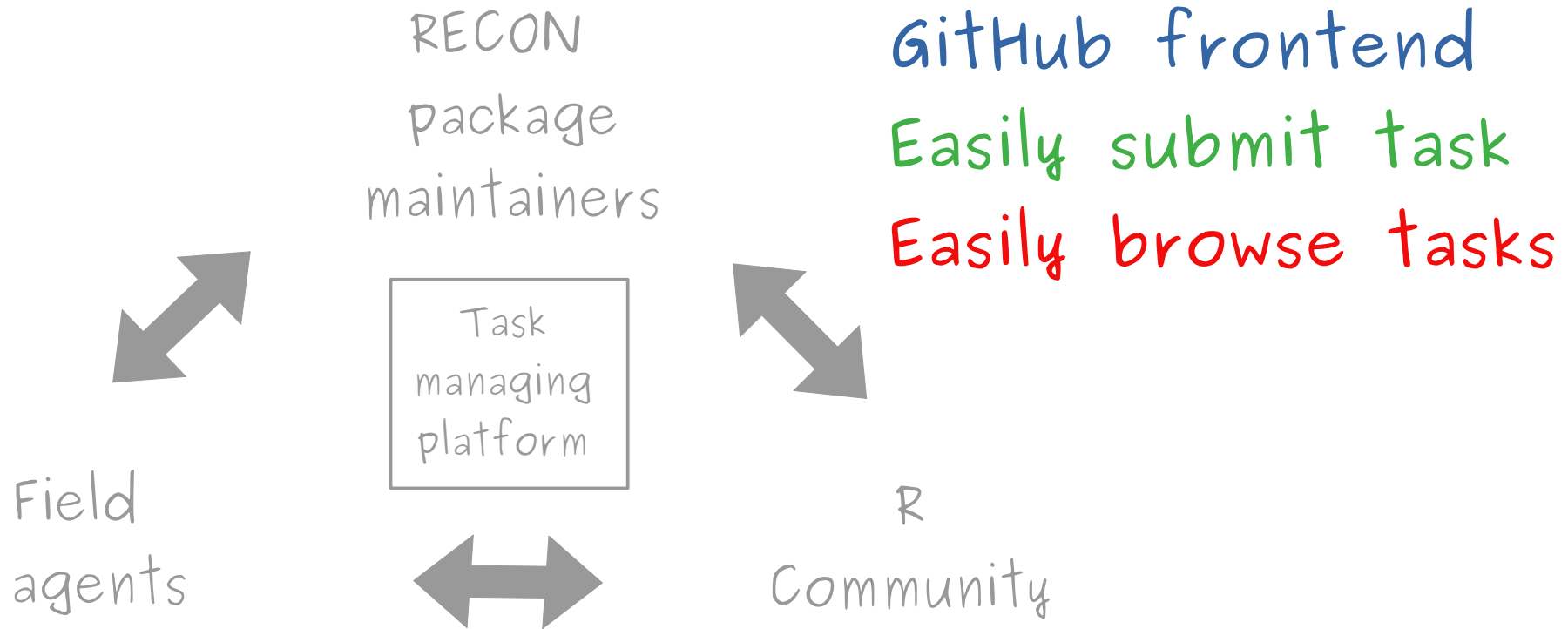
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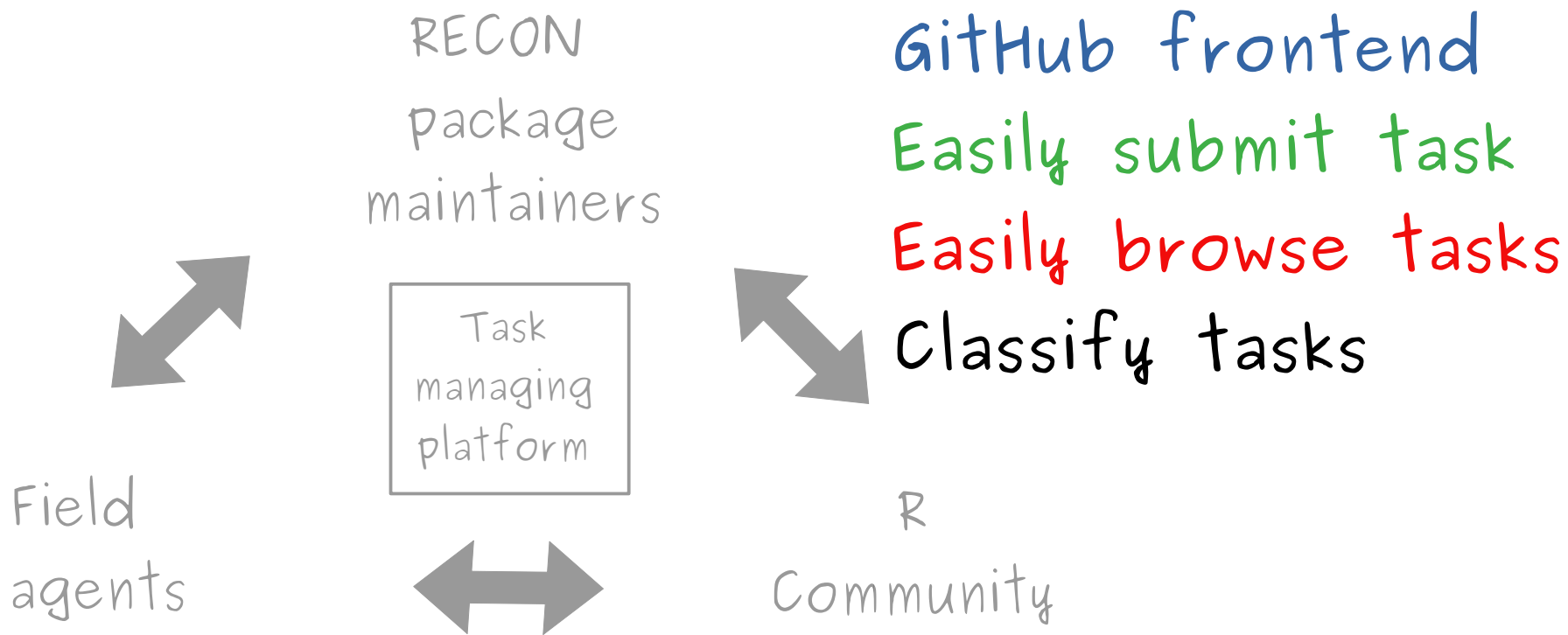
# COVID-19 challenge



# COVID-19 challenge



# COVID-19 challenge




# Task Lifecycle








1 Field agent opens task





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

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


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

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PLATFORM

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

PLATFORM

- 4 R programmer assigns him/herself task
- 5 Field agent + R programmer solve task
- 6 Field agent closes task
- 7 Package maintainer includes code in package

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## This is an explore page

Here is a list of all the proposed and pending tasks submitted to RECON.

Filter Complexity

None

Filter Priority

None

[CREATE NEW TASK](#)[Demo Title](#)

Priority: Low

Complexity: Low

Additional Tags:

[SHOW DETAILS](#)[Package: fit discretised distributions to match expected distributional properties](#)

Priority: Medium

Complexity: Medium

Additional Tags:

[SHOW DETAILS](#)[Functions to import reported daily sub-national new cases and deaths from LMIC](#)

Priority: High

Complexity: Medium

Additional Tags:

[SHOW DETAILS](#)[Apple mobility reports](#)

Priority: Medium

Complexity: Low

Additional Tags:

[SHOW DETAILS](#)[high complex medium priority](#)

Priority: Medium

Complexity: High

Additional Tags:

[SHOW DETAILS](#)[medium complex high priority](#)

Priority: High

Complexity: Medium

Additional Tags:

[SHOW DETAILS](#)[From netlify](#)

Priority: Low

Complexity: Low

[New Attempt](#)

Priority: Low

Complexity: Low

[myTitle](#)

Priority: Low

Complexity: Low

Search							
Author	Title	Description	Complexity	Priority	Created	Updated	Notes
mjrolland	Demo task for DSCC19	Show DSCC attendees task creation template	Complexity_Low	Priority_Low	2020-08-26 20:27:22	2020-08-26 20:27:22	very interesting task
mjrolland	Demo task	just a demo	Complexity_Low	Priority_Low	2020-08-26 20:29:05	2020-08-26 20:29:05	

Rows per page: 10 1-2 of 2 < >

# Apple mobility reports #7

New issue

🕒 Open **ffinger** opened this issue on 15 Apr · 2 comments



**ffinger** commented on 15 Apr • edited ▾

Collaborator 😊 ...

Make apple mobility data available from R.

<https://www.apple.com/covid19/mobility>

It's already a CSV, so very easy to wrap it.

Want to include this in your package **@nacnudus**?

Or in NCoVUtils **@seabbs**?



**nacnudus** commented on 15 Apr

😊 ...

**@ffinger** thanks, but my package is only for the Google data.



**thibautjombart** commented on 20 Apr

Contributor 😊 ...

Yes may for NCoVUtils **@seabbs**?

**@ffinger** maybe add labels to make the issue more visible?



**ffinger** added **enhancement** **low\_complexity** **medium\_priority** **new\_package** labels on 20 Apr

## Assignees

No one assigned

## Labels

**enhancement**

**low\_complexity**

**medium\_priority**

**new\_package**

## Projects

None yet

## Milestone

No milestone

## Linked pull requests

Successfully merging a pull request may close this issue.

None yet

## Notifications

Customize

🔔 Subscribe

You're not receiving notifications from this thread.





# Milestones

# Milestones



# Milestones



Join the response against  
COVID19!

# Join the response against COVID19!



@RECONEPI



repidemicsconsortium@gmail.com



www.repidemicsconsortium.org



github.com/reconhub/

Thank you :)

Thank you :) %>%

Thank you :) %>%

questions() ?