RECON

R Epidemics **CON**sortium

COVID-19 challenge

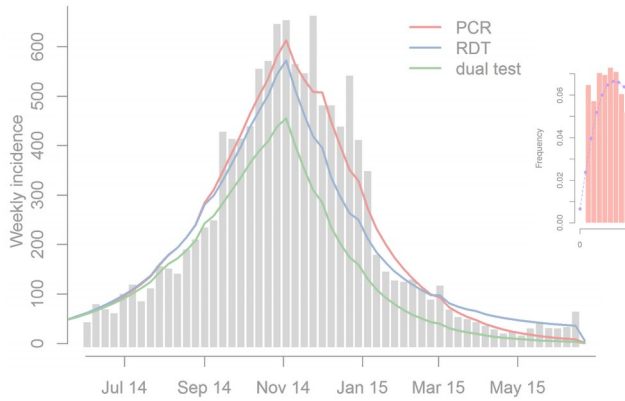
A collaborative platform to help the epidemic response

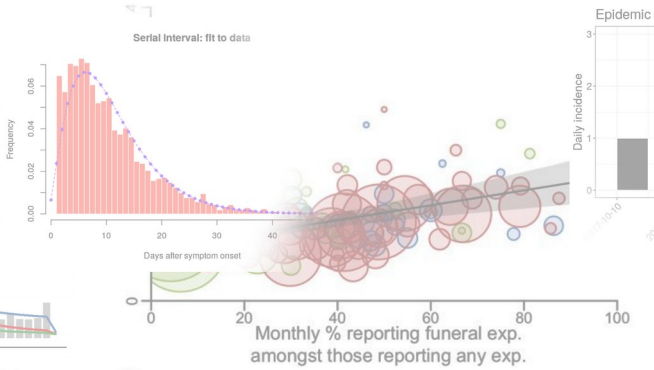
M. Rolland
mj.rolland@gmail.com

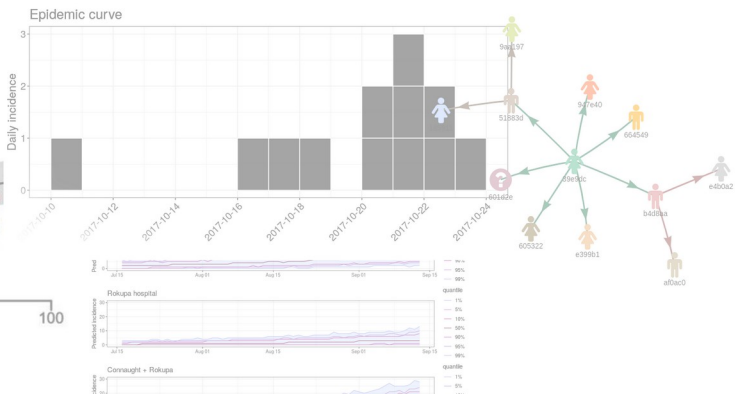
August 28, 2020

RECON

R Epidemics CONsortium







R Epidemics CONsortium

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RECON and COVID19?

- examples, plots, photos => thibaut

COVID-19 challenge

COVID-19 challenge

Field
agents

COVID-19 challenge

RECON
package
maintainers

Field
agents

COVID-19 challenge

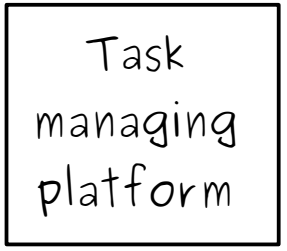
RECON
package
maintainers

Field
agents

R
Community

COVID-19 challenge

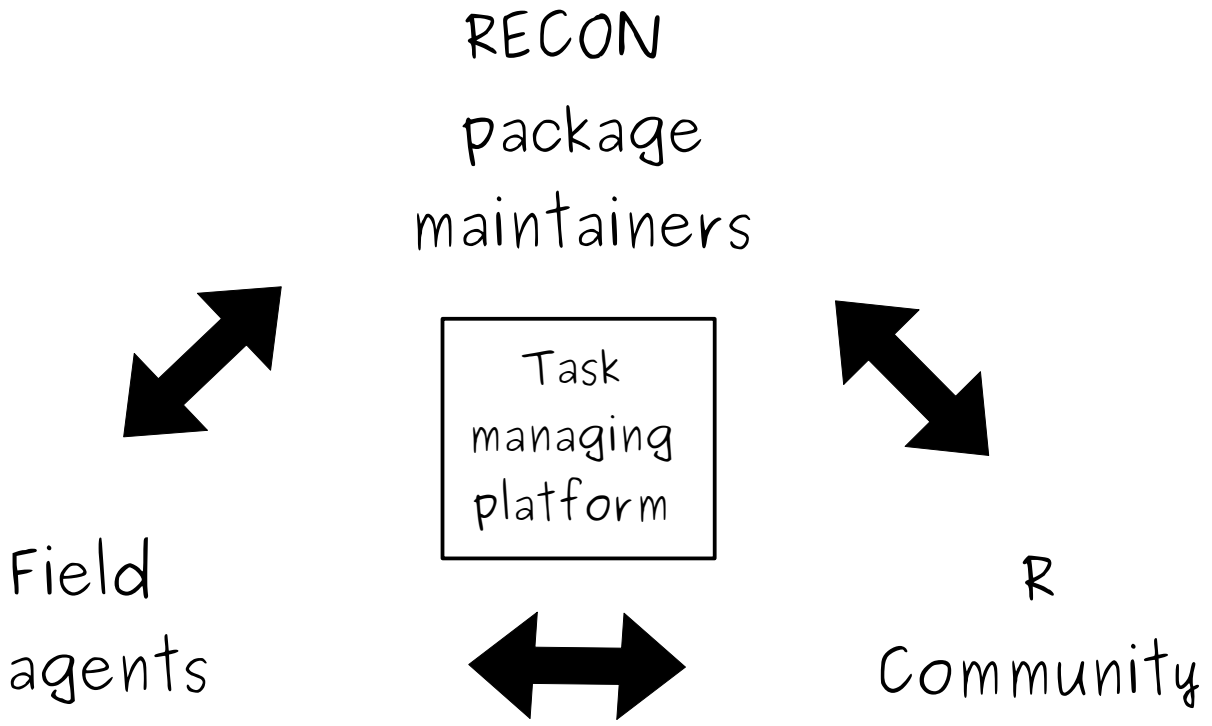
RECON
package
maintainers



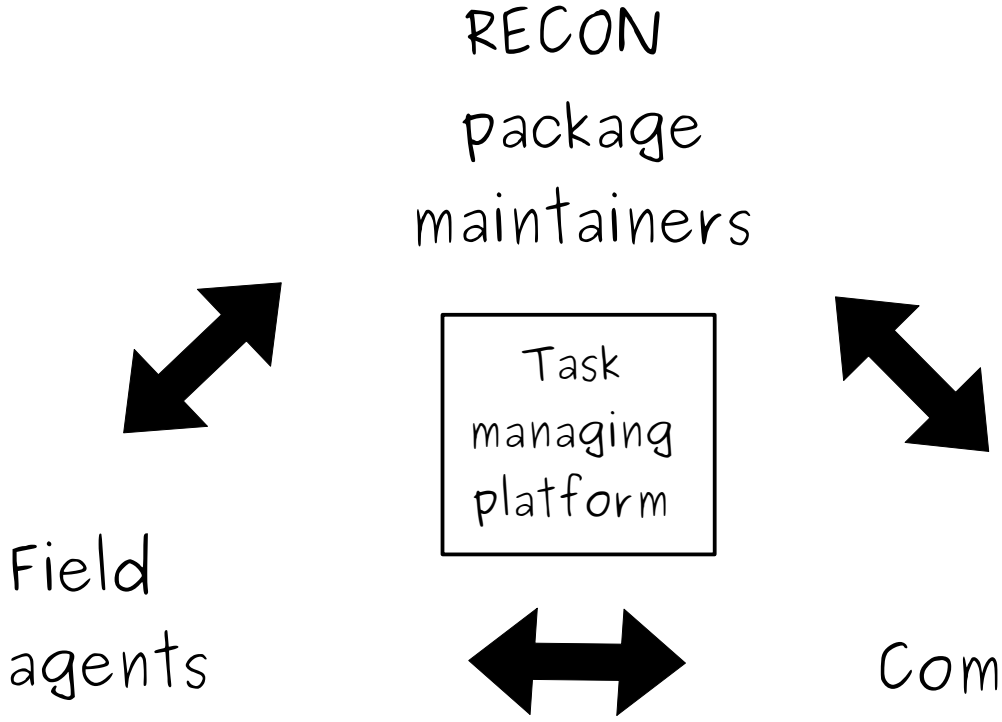
Field
agents

R
Community

COVID-19 challenge

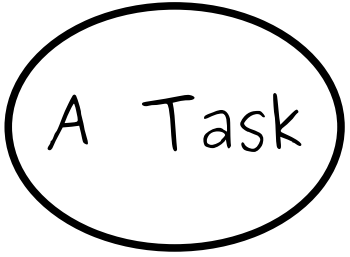


COVID-19 challenge

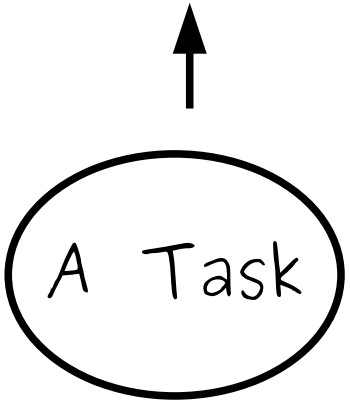


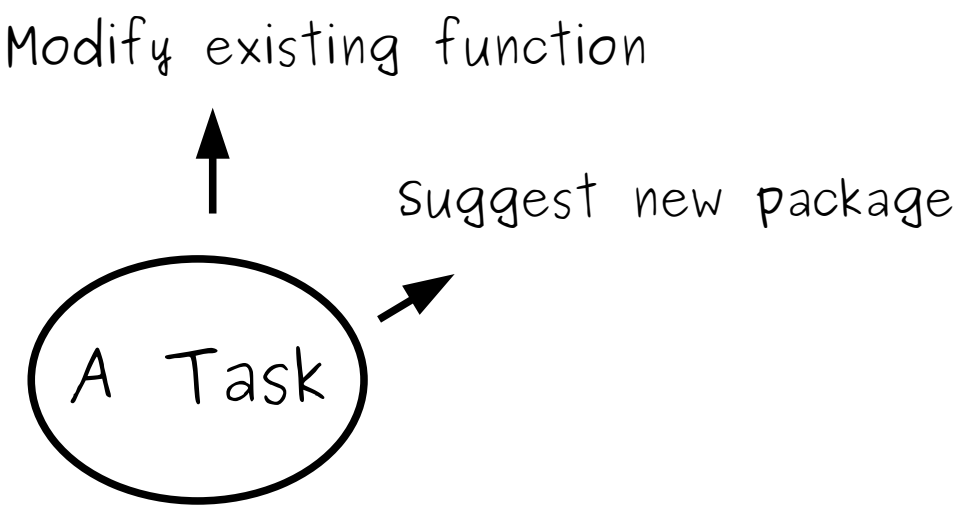
R consortium

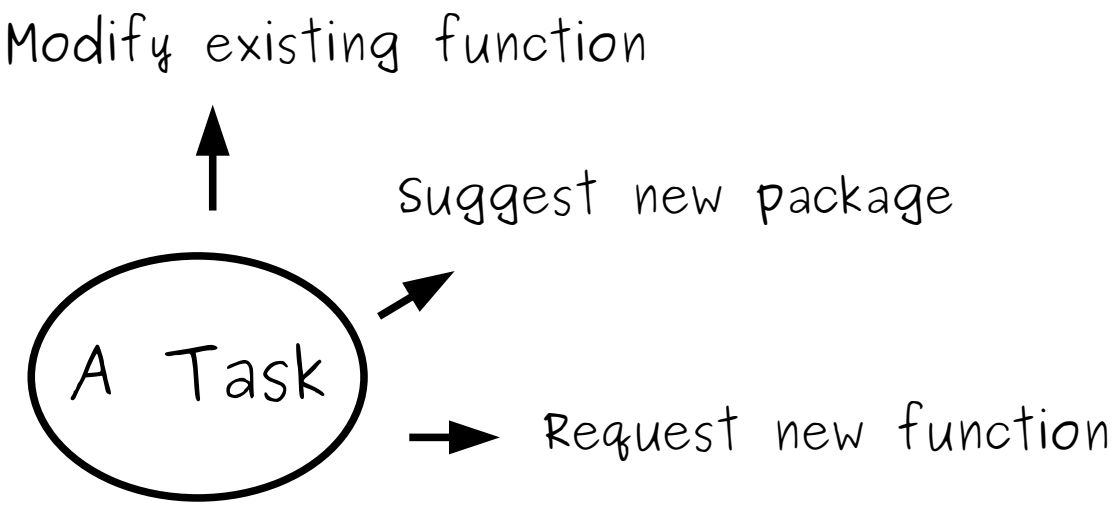
Task Definition

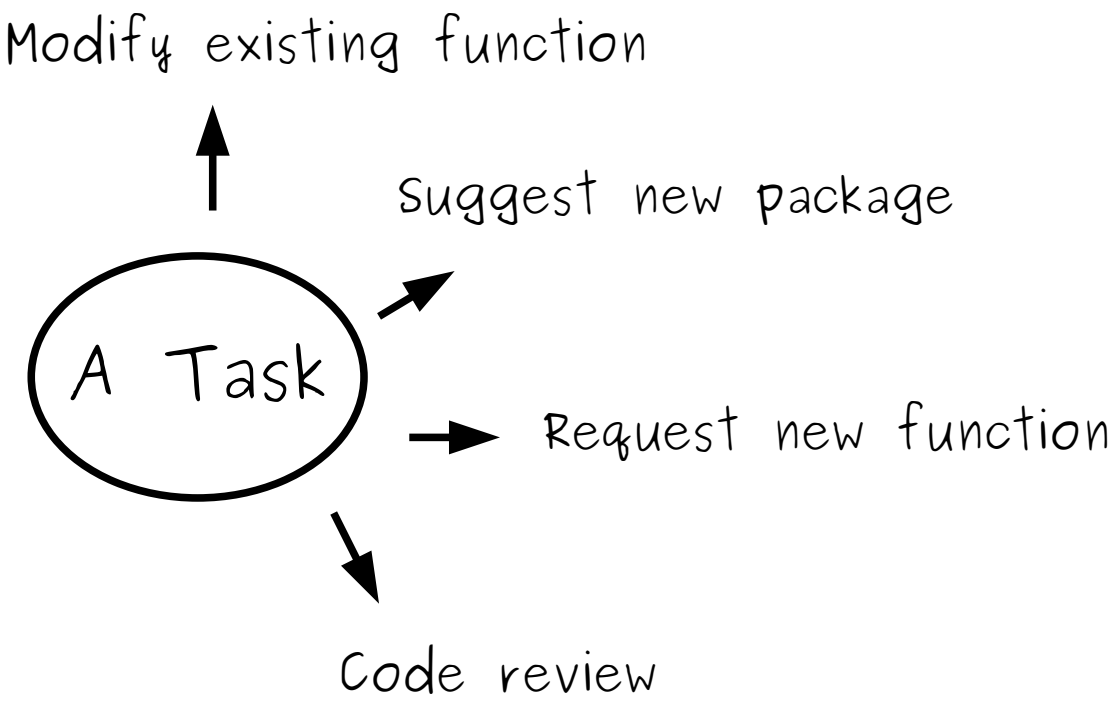

A Task

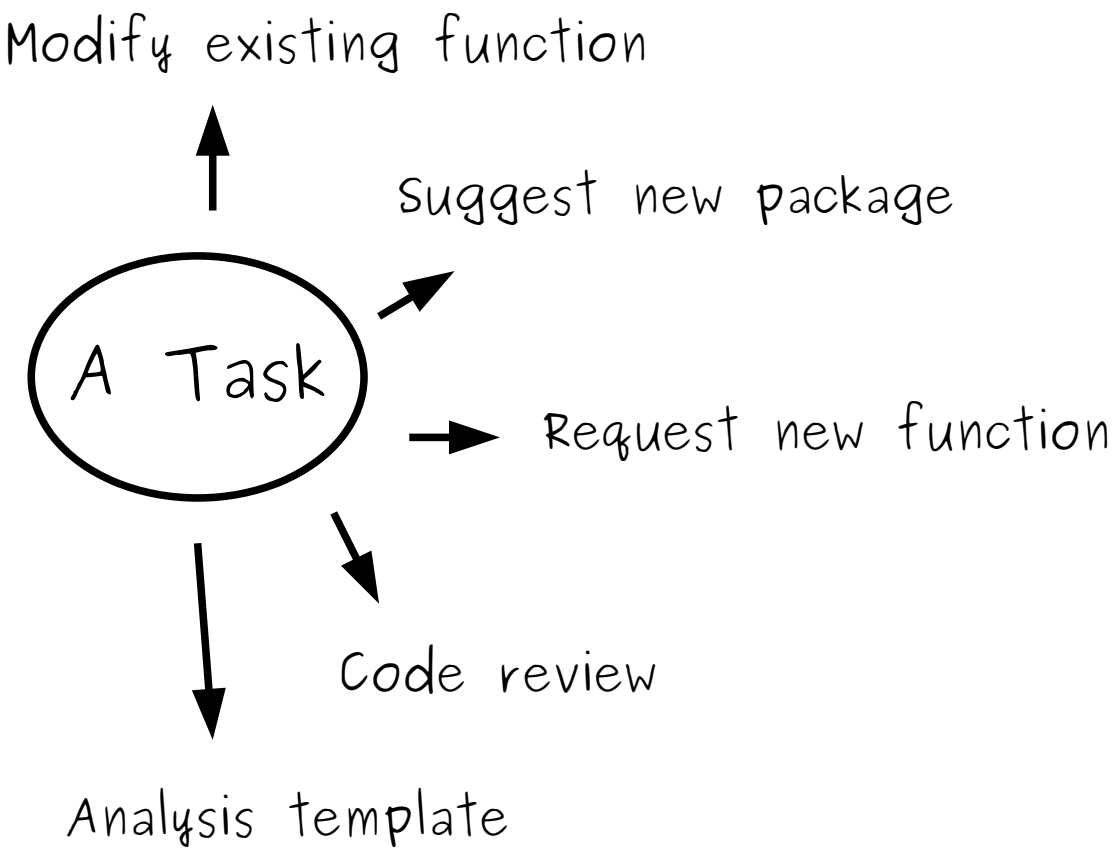
Modify existing function

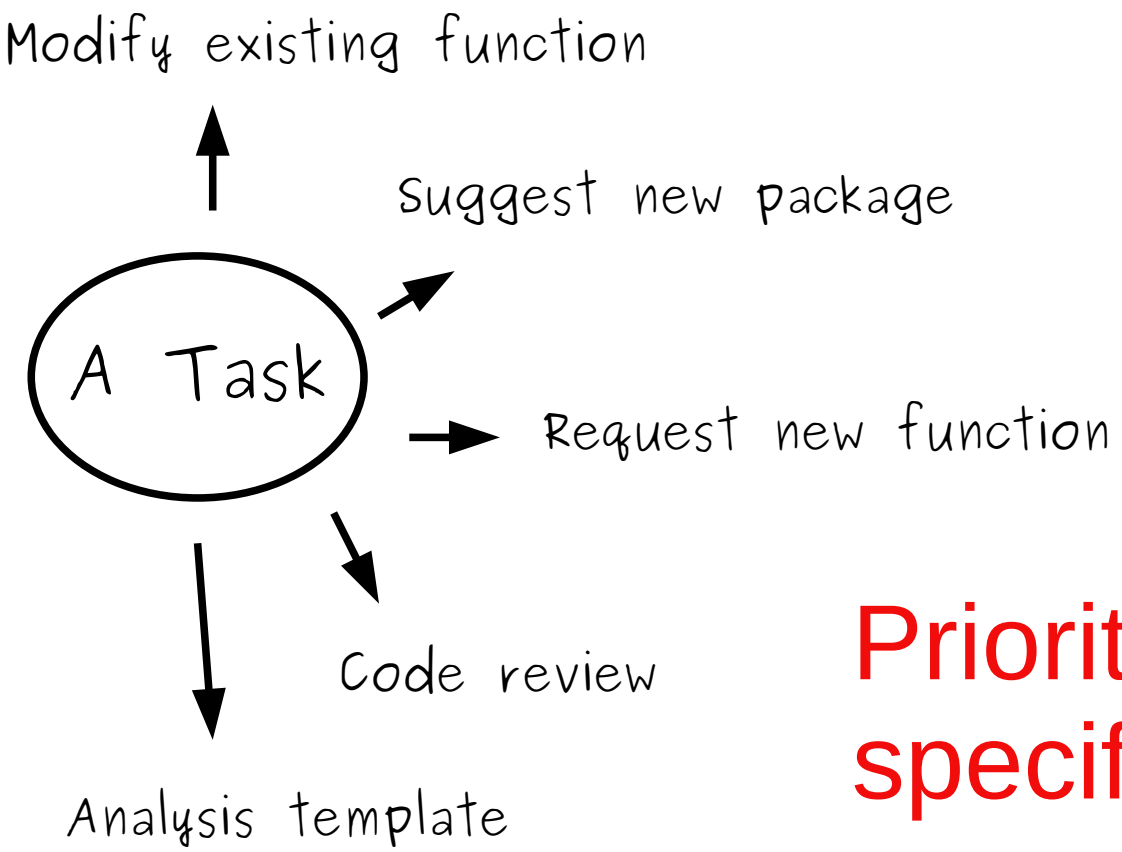



Modify existing function
Suggest new package
A Task


Modify existing function
Suggest new package
A Task
Request new function


Modify existing function
Suggest new package
A Task
Request new function
Code review

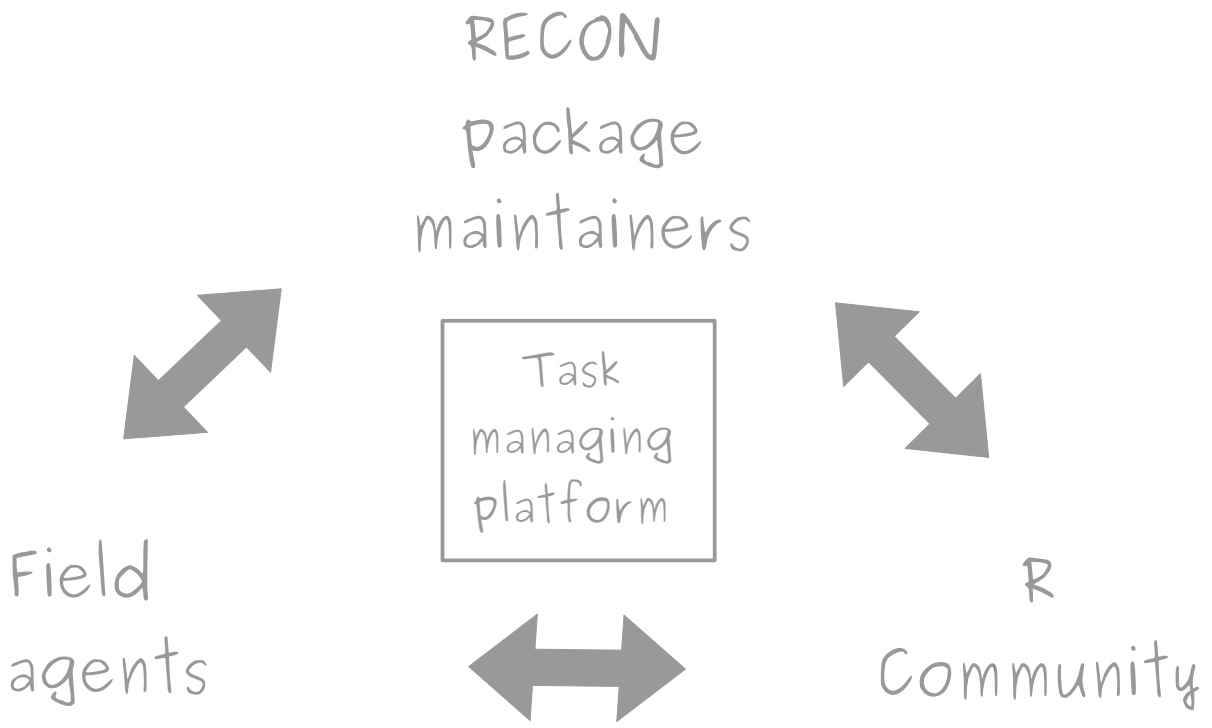

Modify existing function
Suggest new package
A Task
Request new function
Code review
Analysis template



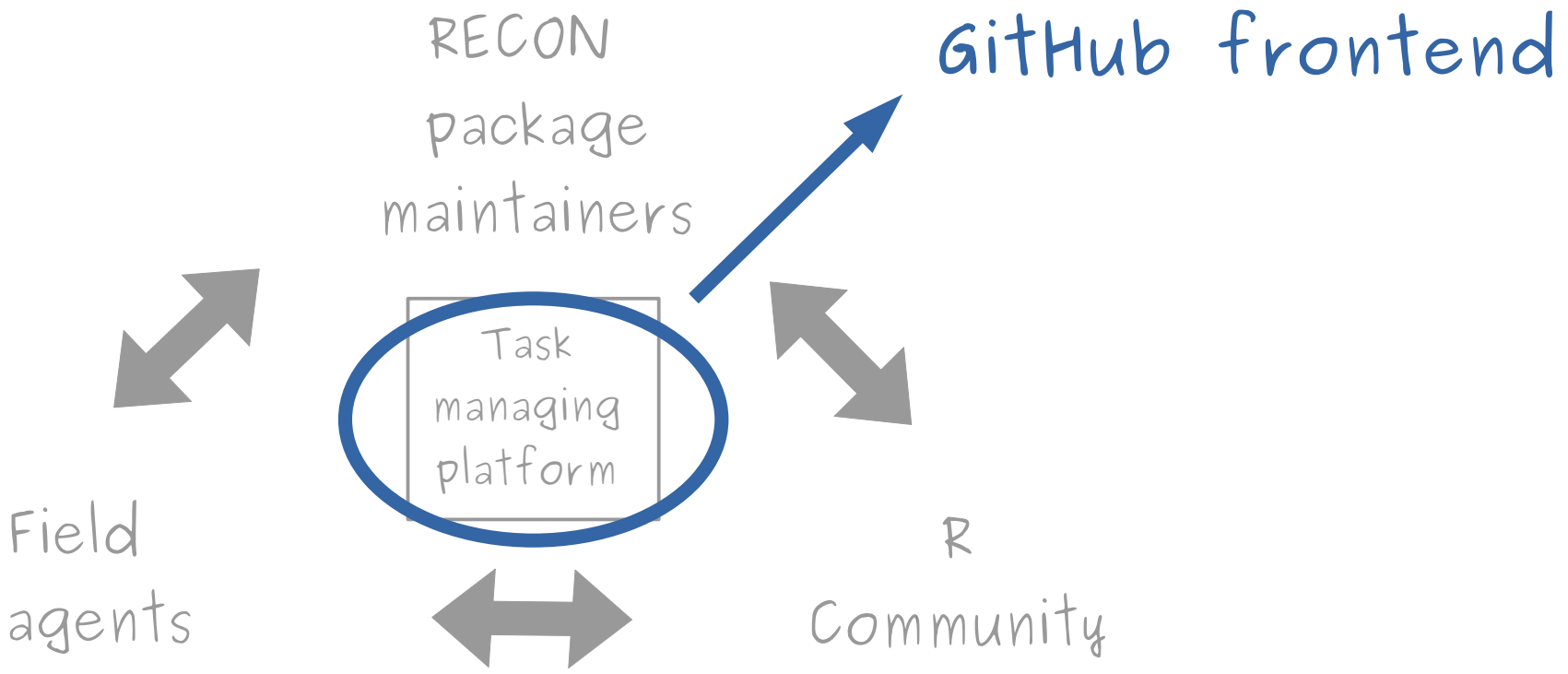
Priority to COVID-19 specific tasks

Platform specifications

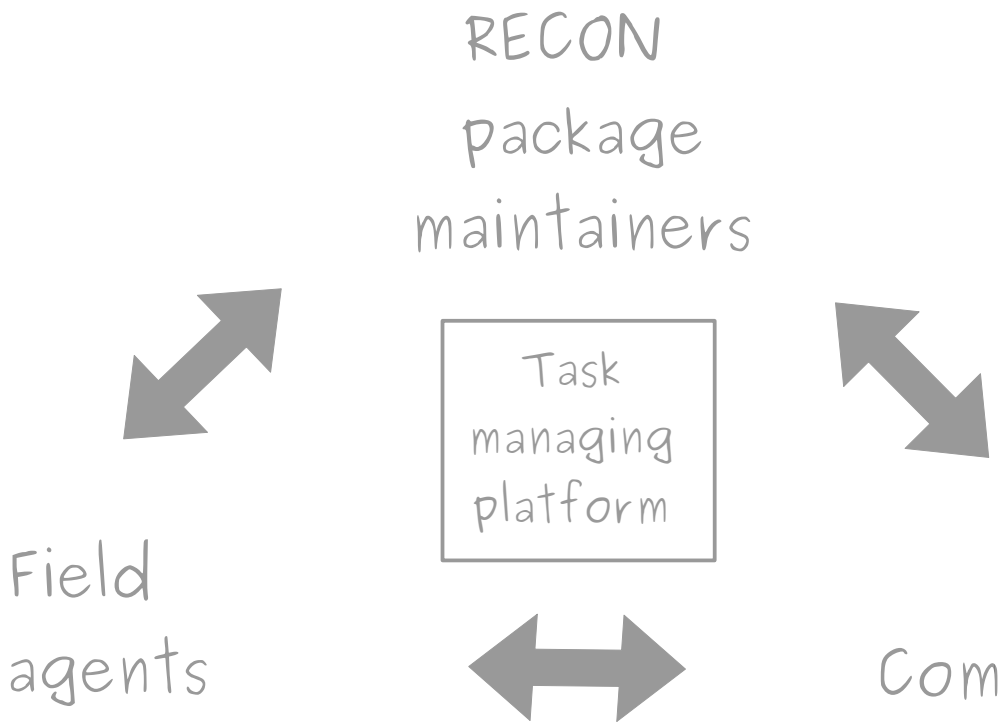
COVID-19 challenge



COVID-19 challenge

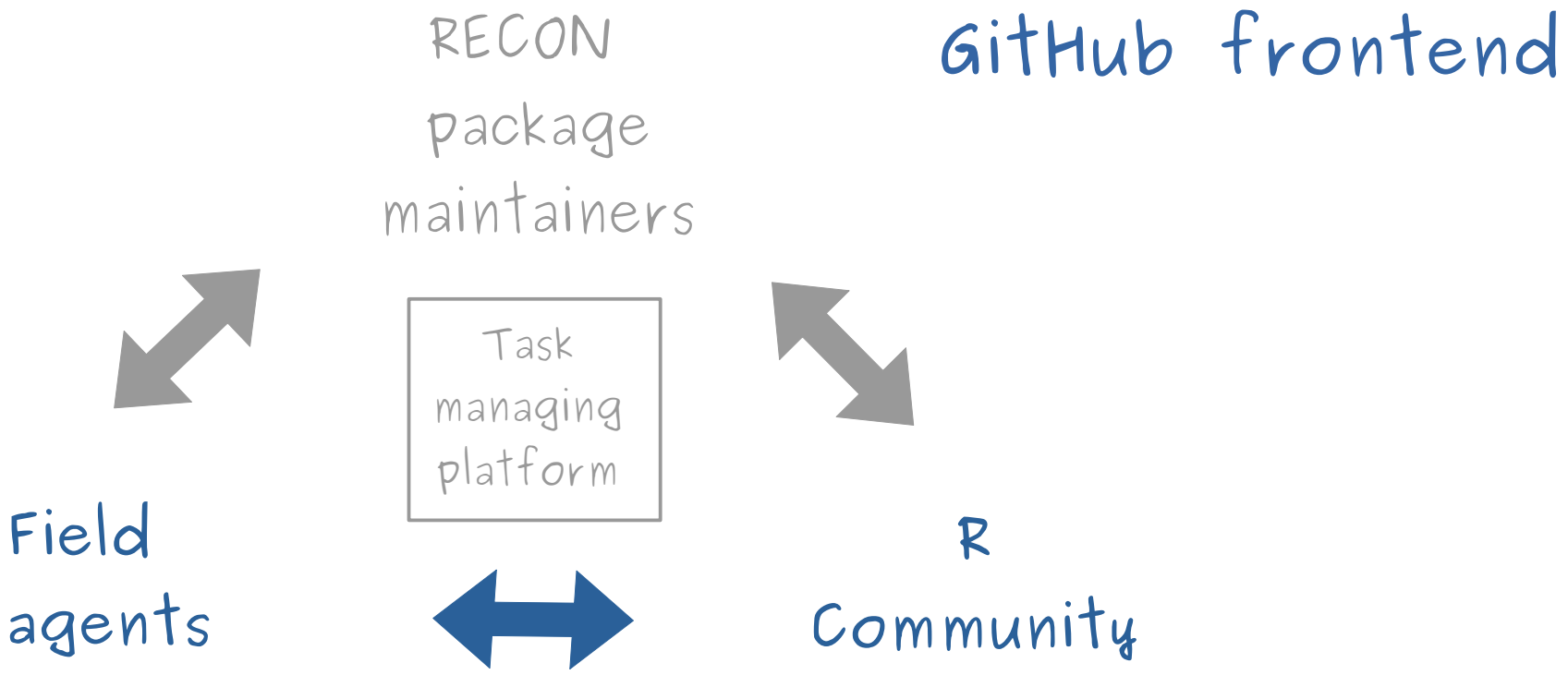


COVID-19 challenge

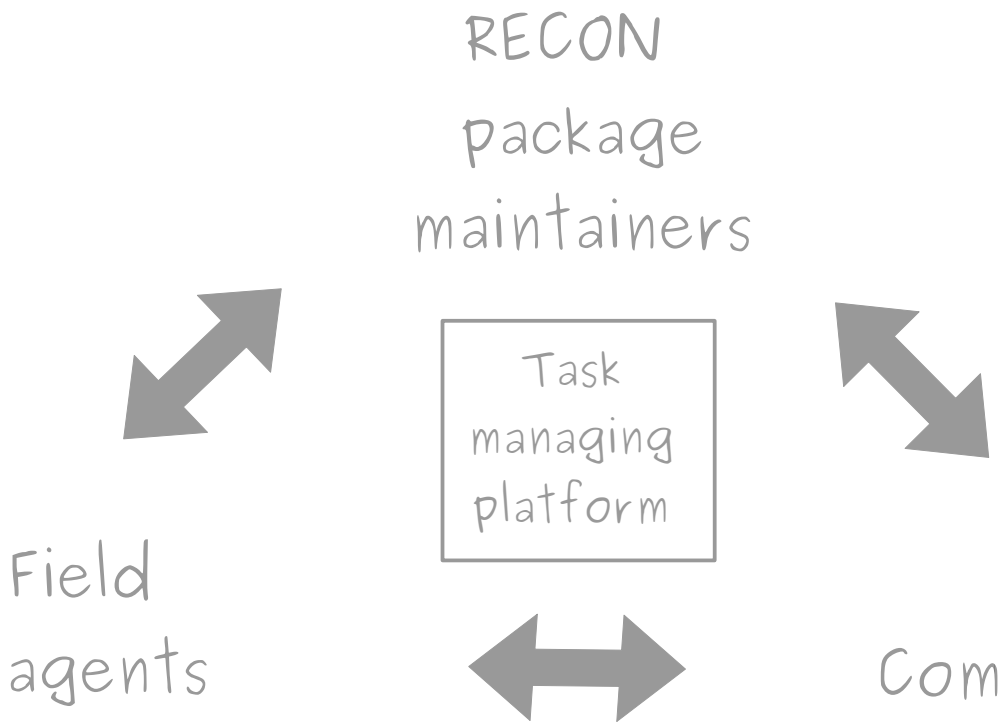


GitHub frontend

COVID-19 challenge



COVID-19 challenge



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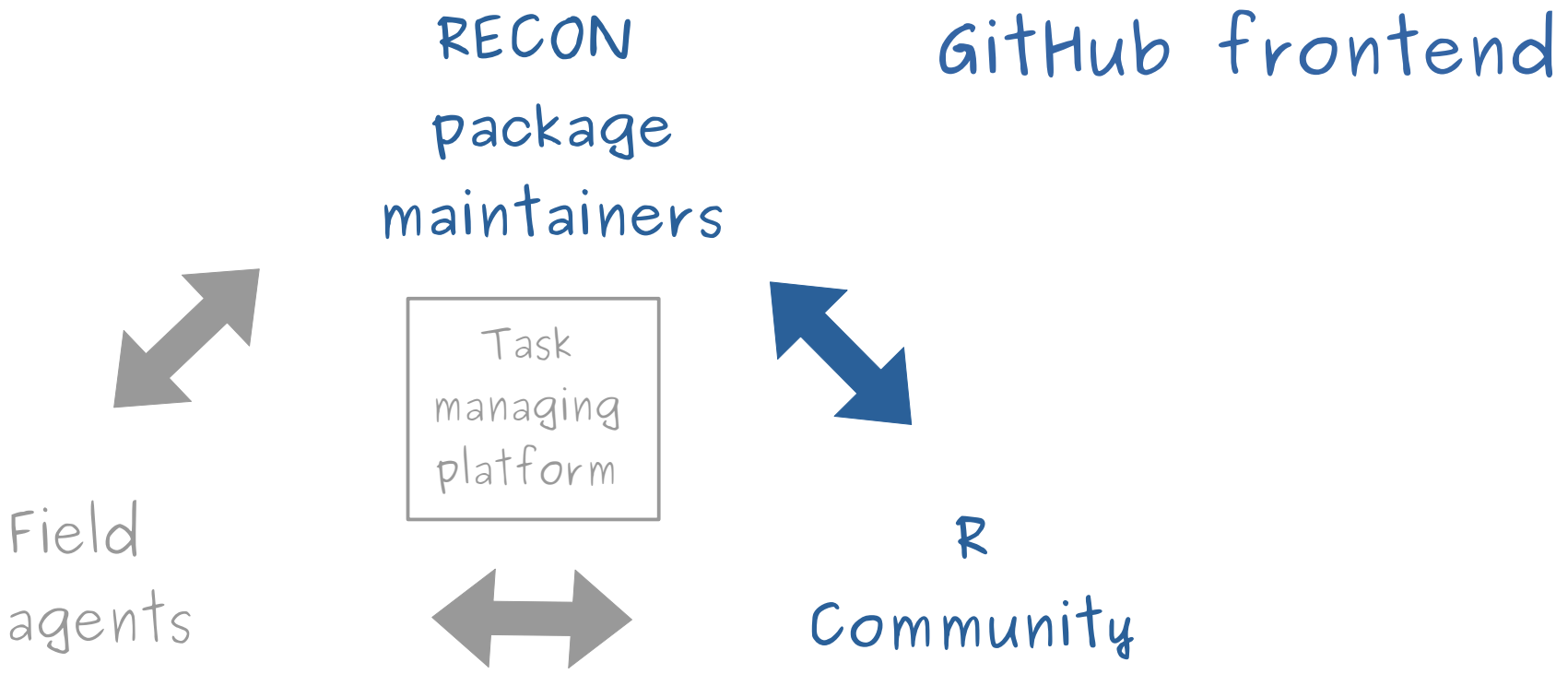

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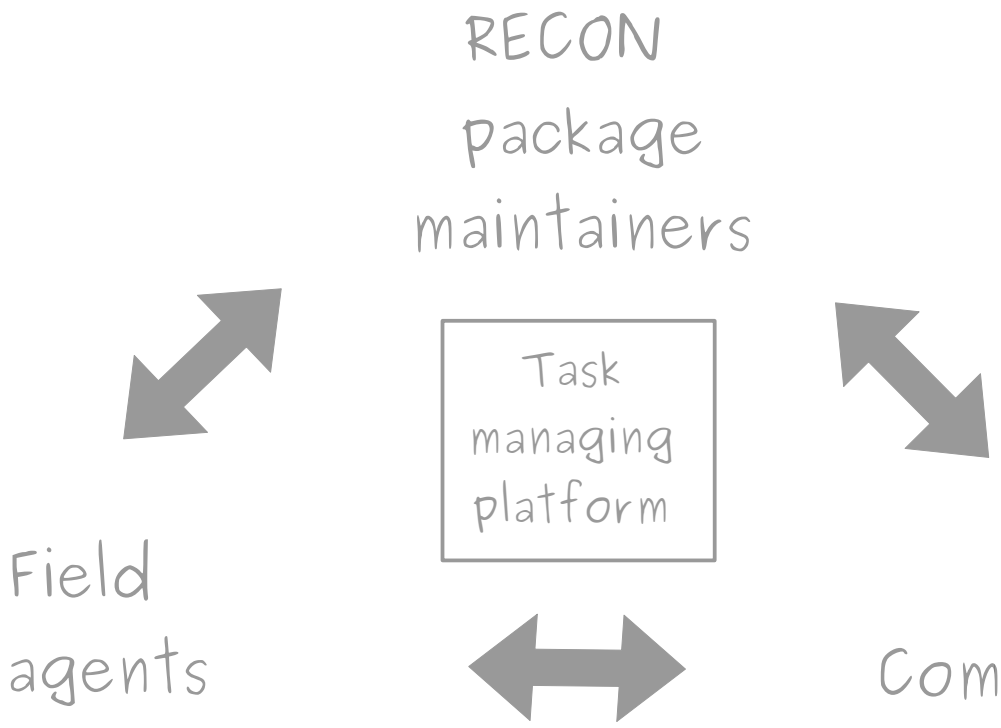

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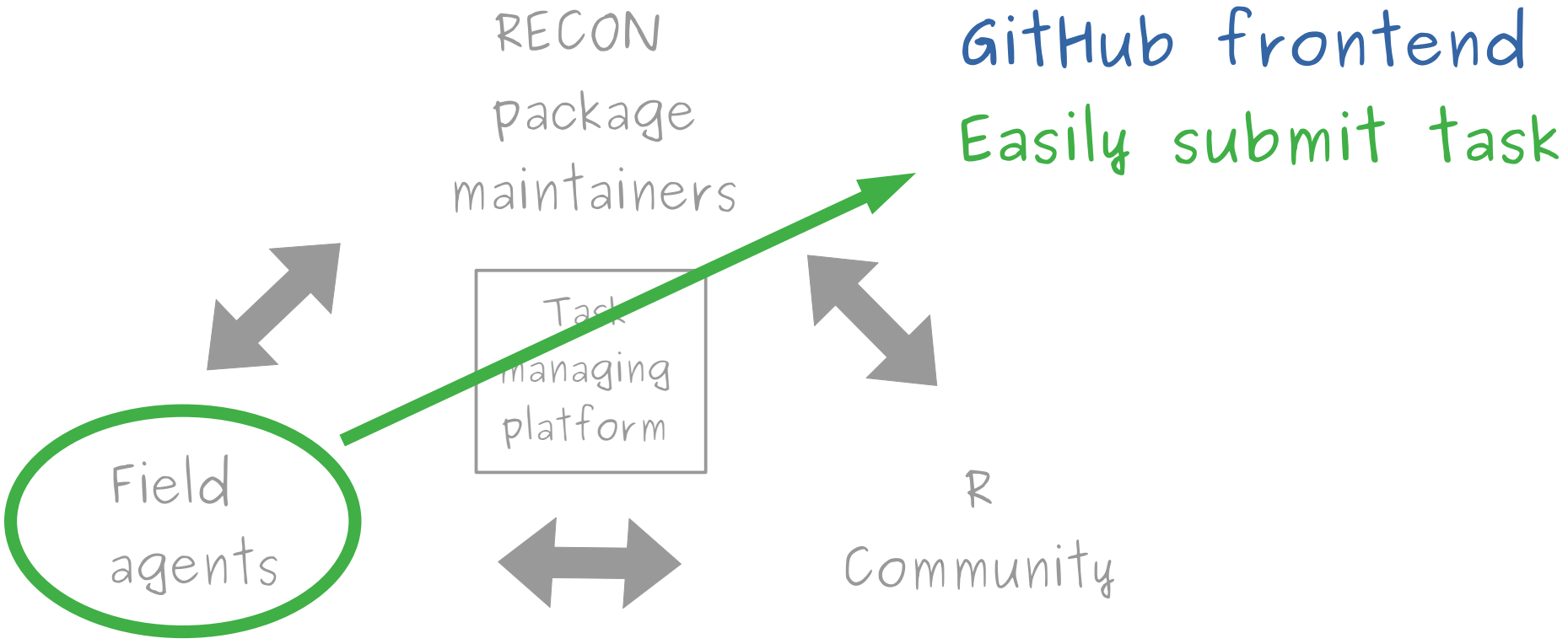
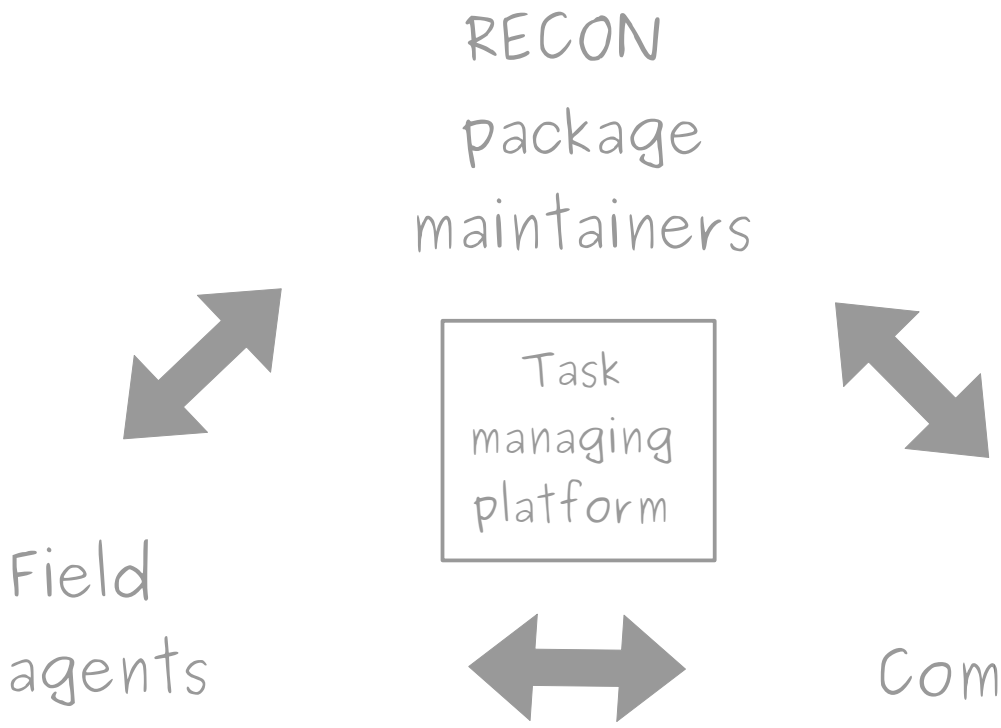


COVID-19 challenge

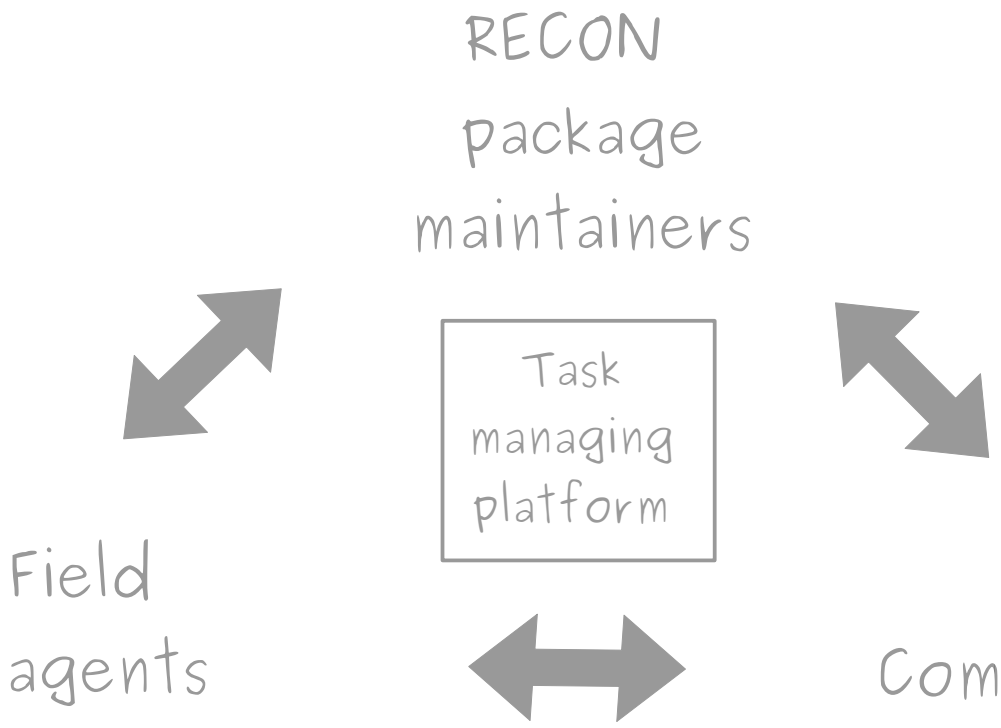


GitHub frontend

Easily submit task

COVID-19 challenge

COVID-19 challenge

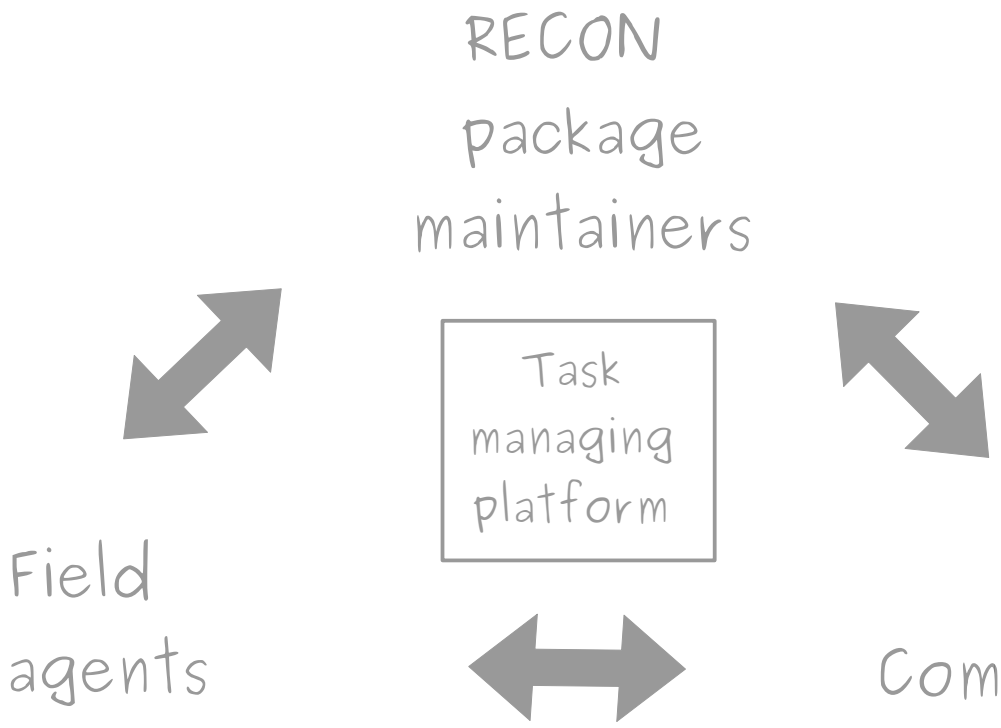


GitHub frontend

Easily submit task

Easily browse tasks

COVID-19 challenge



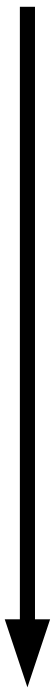
GitHub frontend

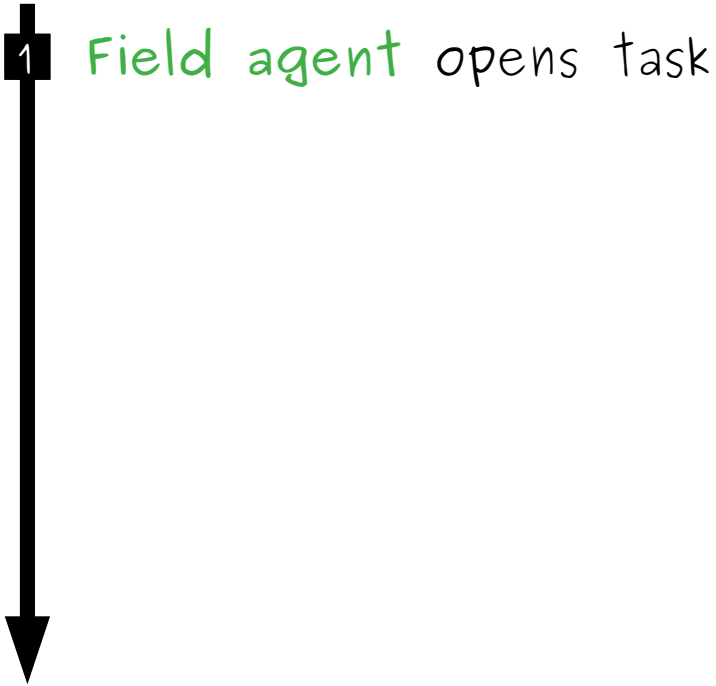
Easily submit task

Easily browse tasks

Classify tasks

Task Lifecycle

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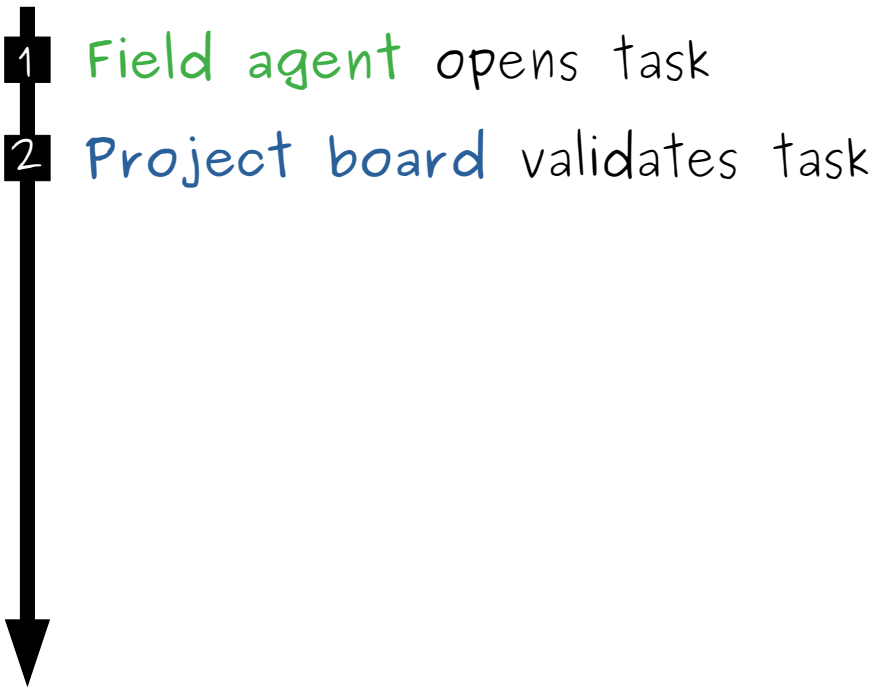
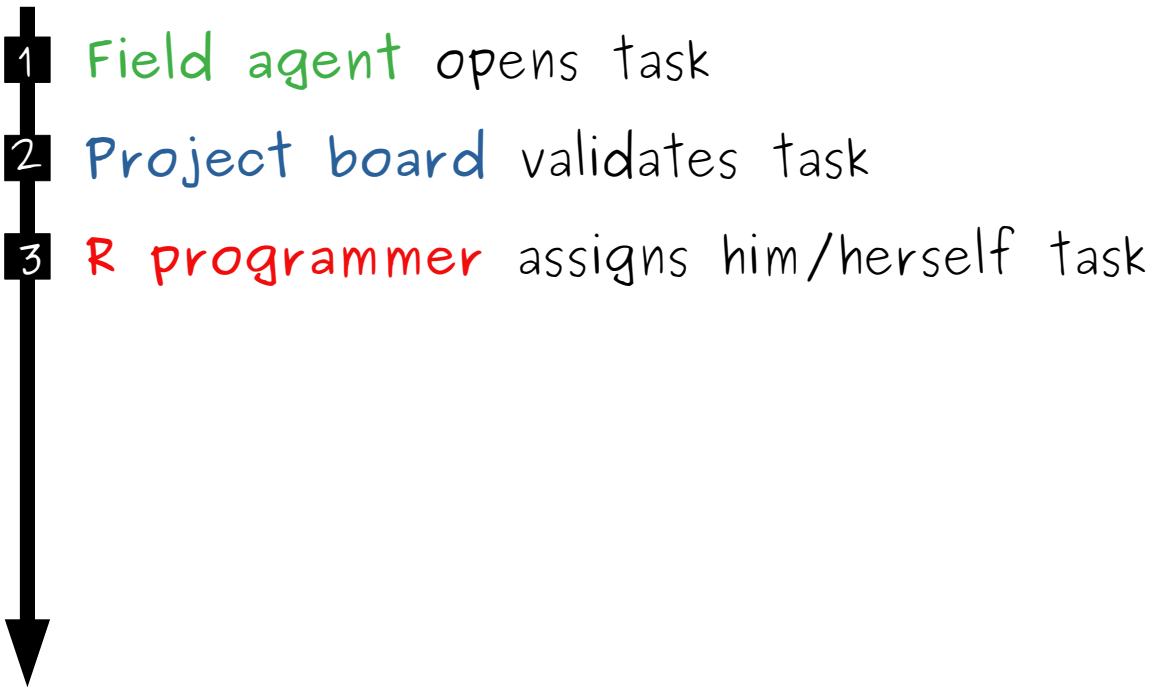
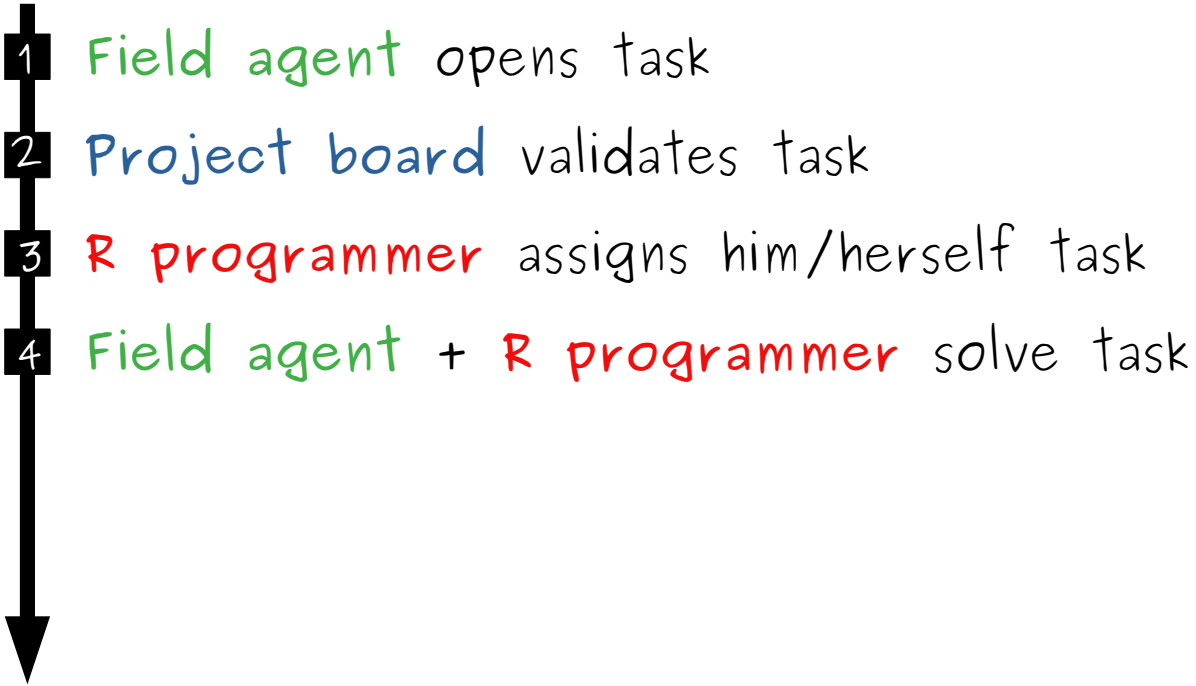
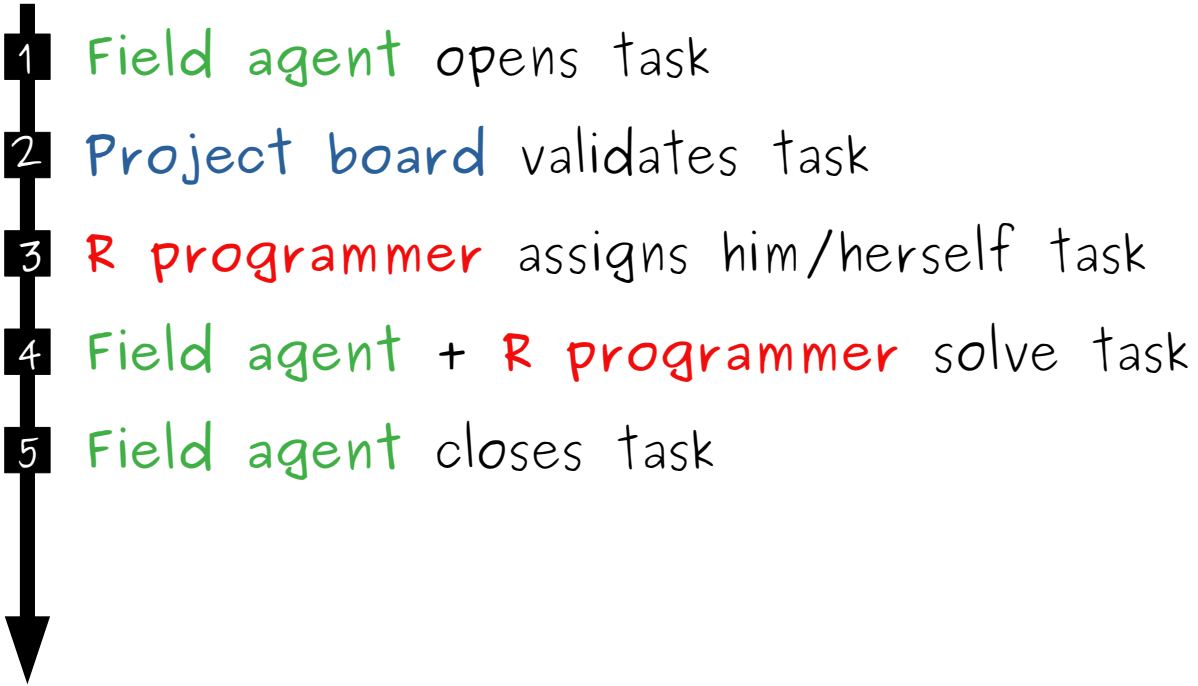
Field agent opens task

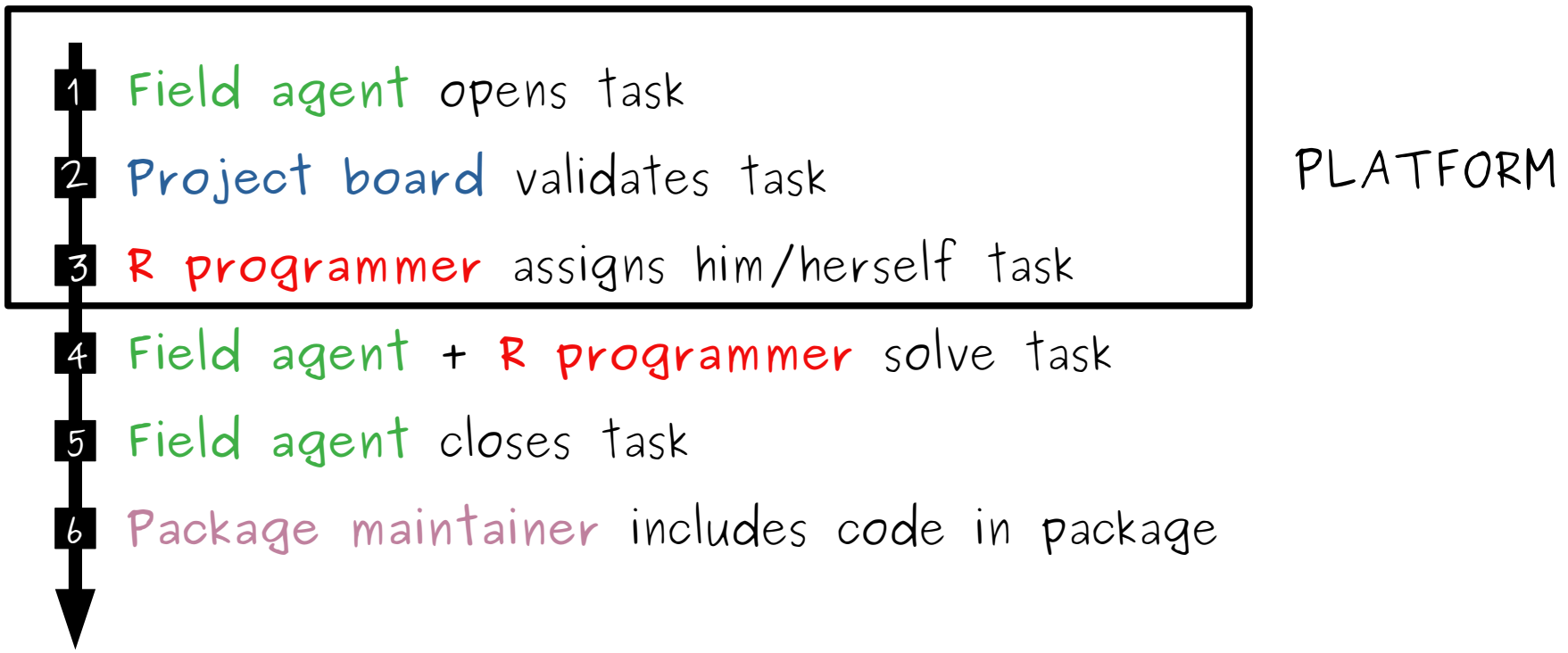

1 Field agent opens task
2 Project board validates task

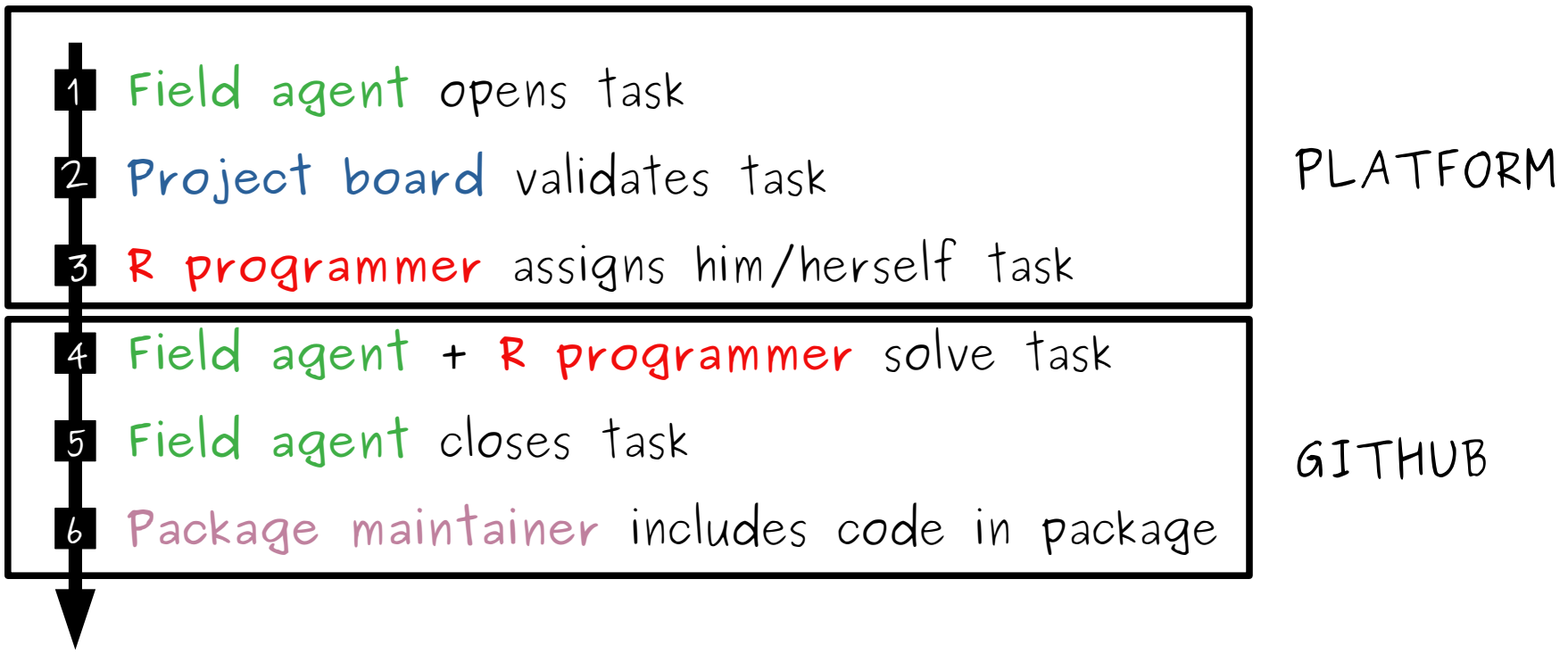

1 Field agent opens task
2 Project board validates task
3 R programmer assigns him/herself task


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


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

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


1 Field agent opens task
2 Project board validates task
3 R programmer assigns him/herself task
PLATFORM
4 Field agent + R programmer solve task
5 Field agent closes task
6 Package maintainer includes code in package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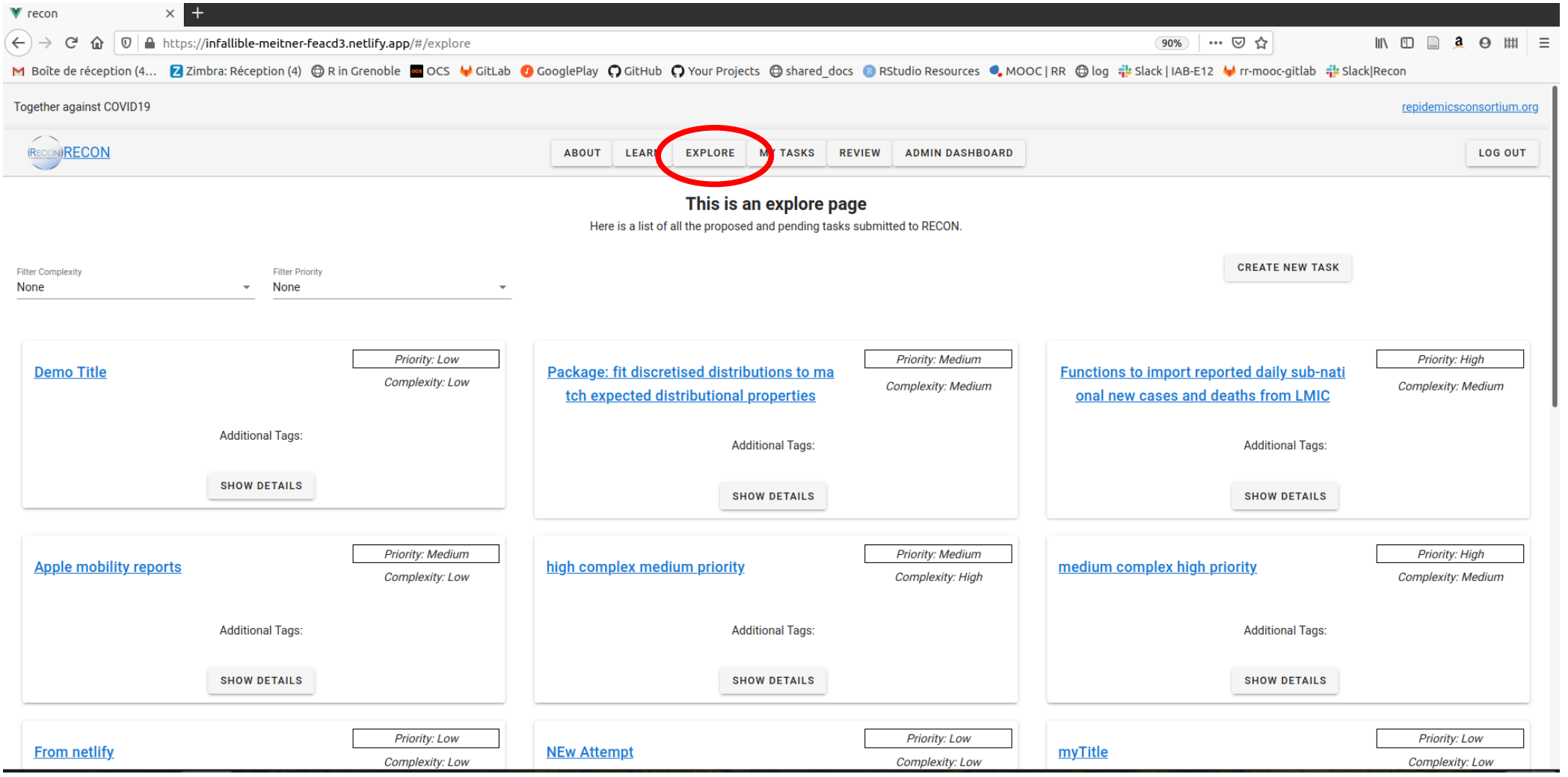
PLATFORM
GITHUB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MY TASKS
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This is an explore page
Here is a list of all the proposed and pending tasks submitted to RECON.
Filter Complexity
None
Filter Priority
None
CREATE NEW TASK
Demo Title
Priority: 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
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Priority: High
Complexity: Medium
Additional Tags:
SHOW DETAILS
From netlify
Priority: Low
Complexity: Low
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myTitle
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Search

Author	Title	Description	Complexity	Priority	Created	Updated	Notes	Actions
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		

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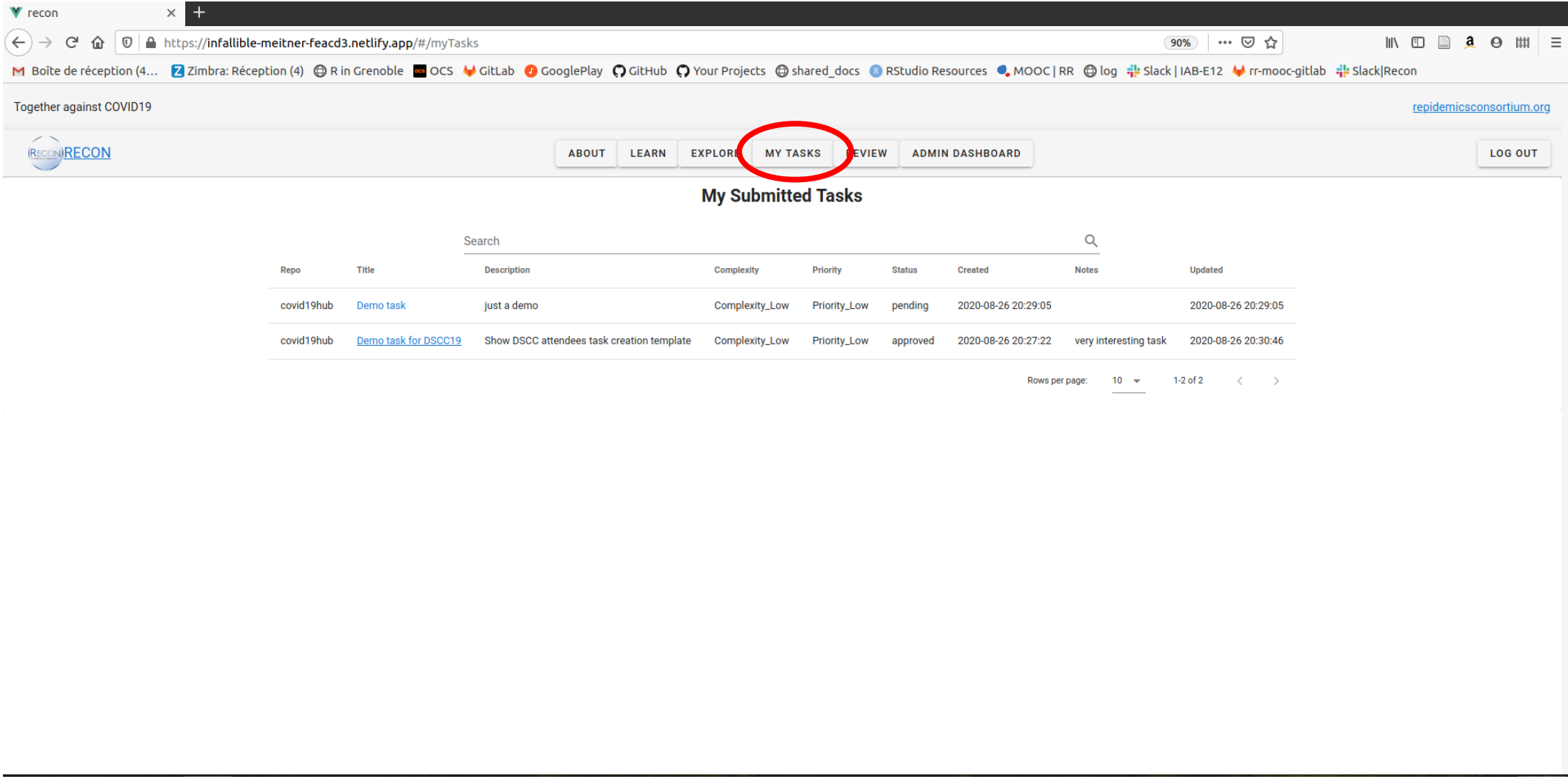
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Repo
Title
Description
Complexity
Priority
Status
Created
Notes
Updated
covid19hub
Demo task
just a demo
Complexity_Low
Priority_Low
pending
2020-08-26 20:29:05
2020-08-26 20:29:05
covid19hub
Demo task for DSCC19
Show DSCC attendees task creation template
Complexity_Low
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approved
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very interesting task
2020-08-26 20:30:46
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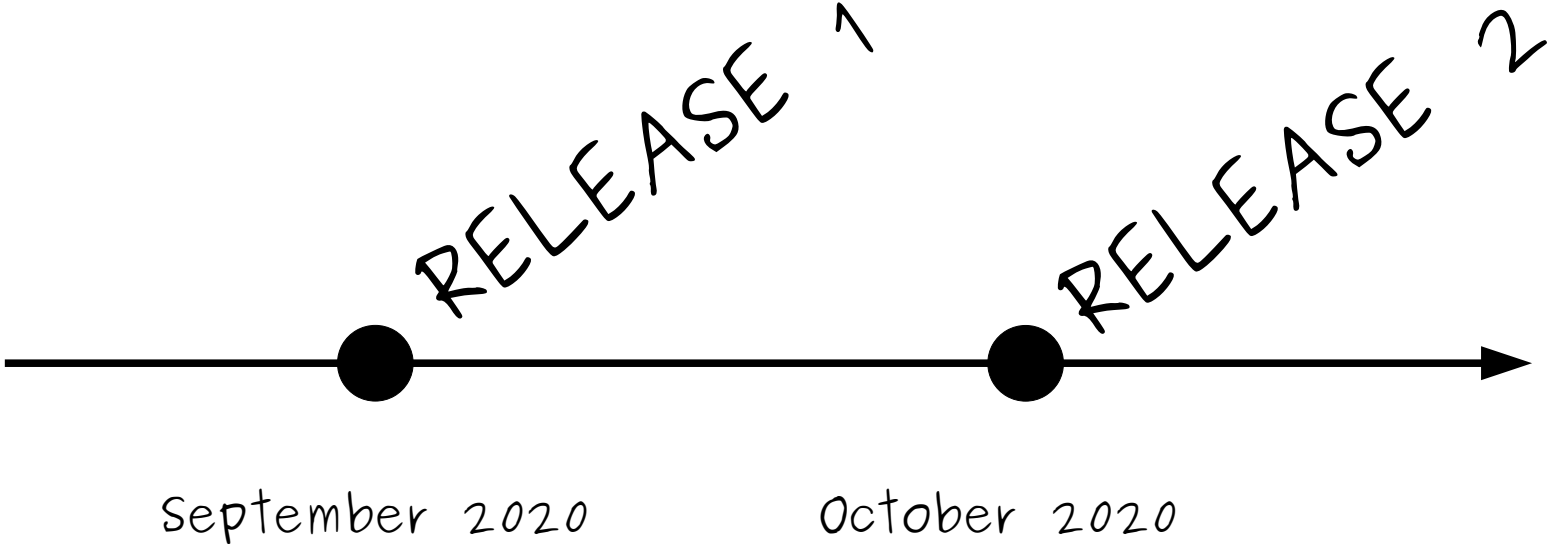
1-2 of 2

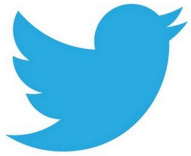
Milestones

Milestones



Join the response against COVID19!

Join the response against COVID19!



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repidemicsconsortium@gmail.com

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Thank you :)

Thank you :) %>%

Thank you :) %>%

questions() ?