RECON
R Epidemics CONsortium

R consortium

LONDON SCHOOL of HYGIENE &TROPICAL MEDICINE

COVID-19 challenge

A collaborative platform to help the response to COVID-19

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August 28, 2020

R Epidemics **CON**sortium

R Epidemics CONsortium

www.repidemicsconsortium.org

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
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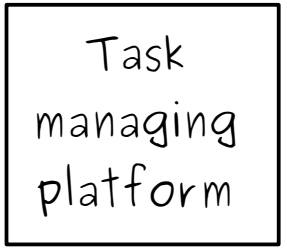
R
Community

COVID-19 challenge

RECON
package
maintainers



Field
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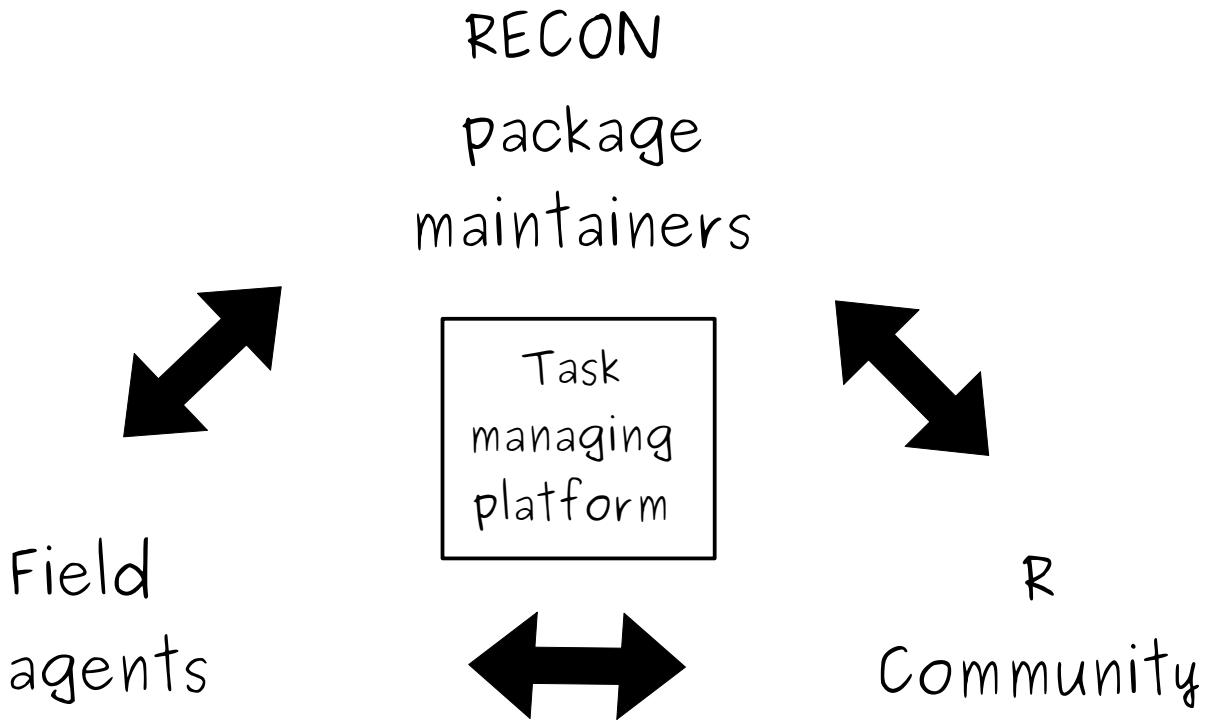
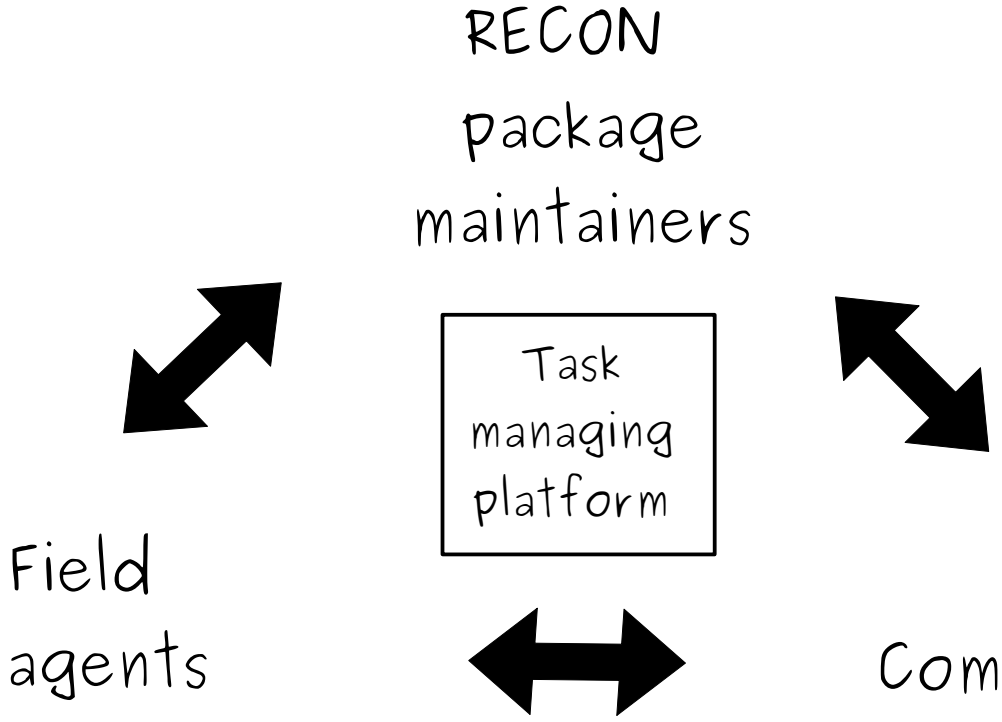
R
Community

COVID-19 challenge

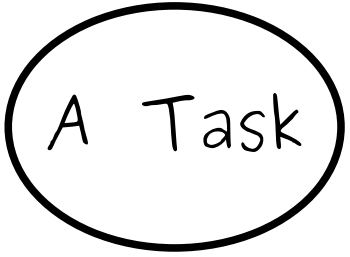


COVID-19 challenge

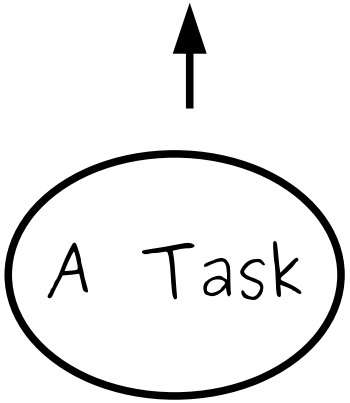


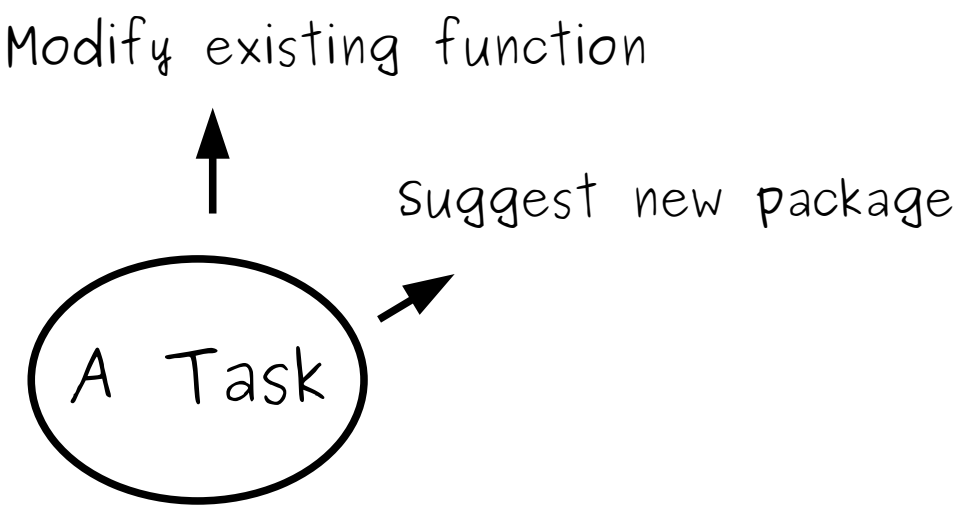
R consortium

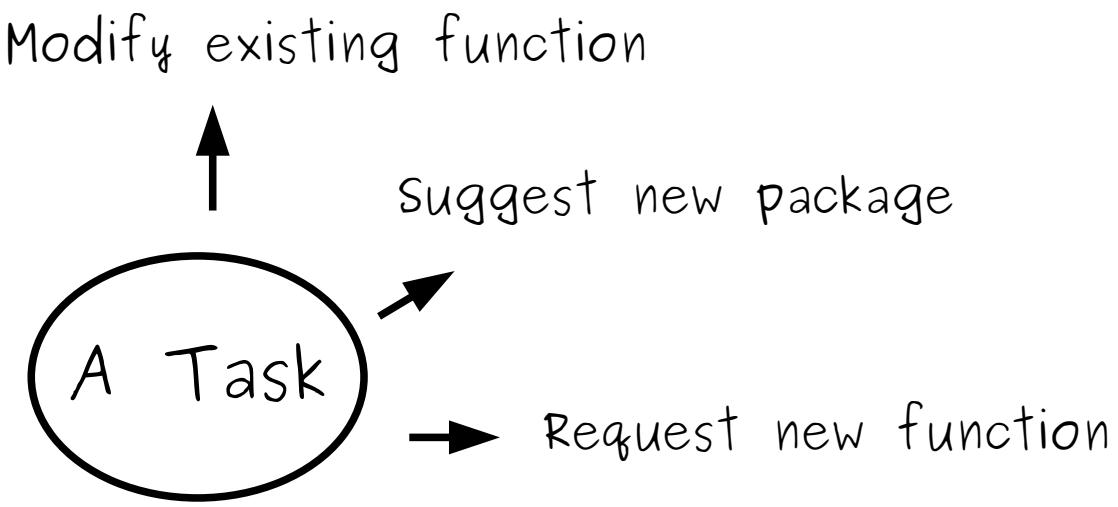
Task Definition

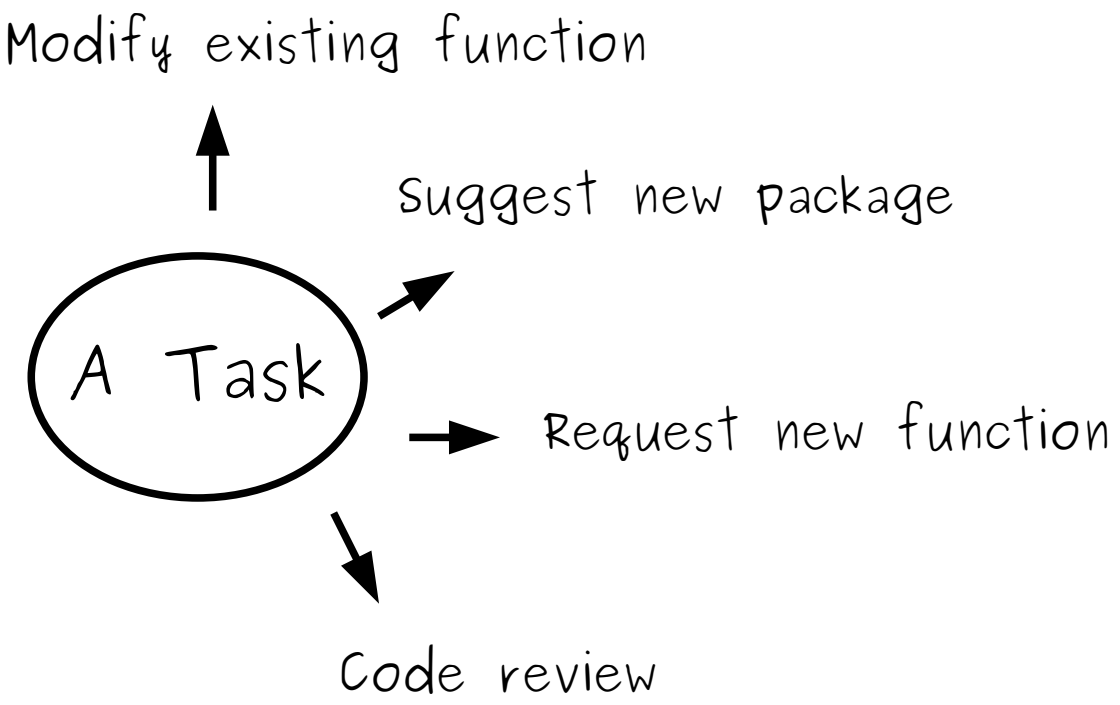

A Task

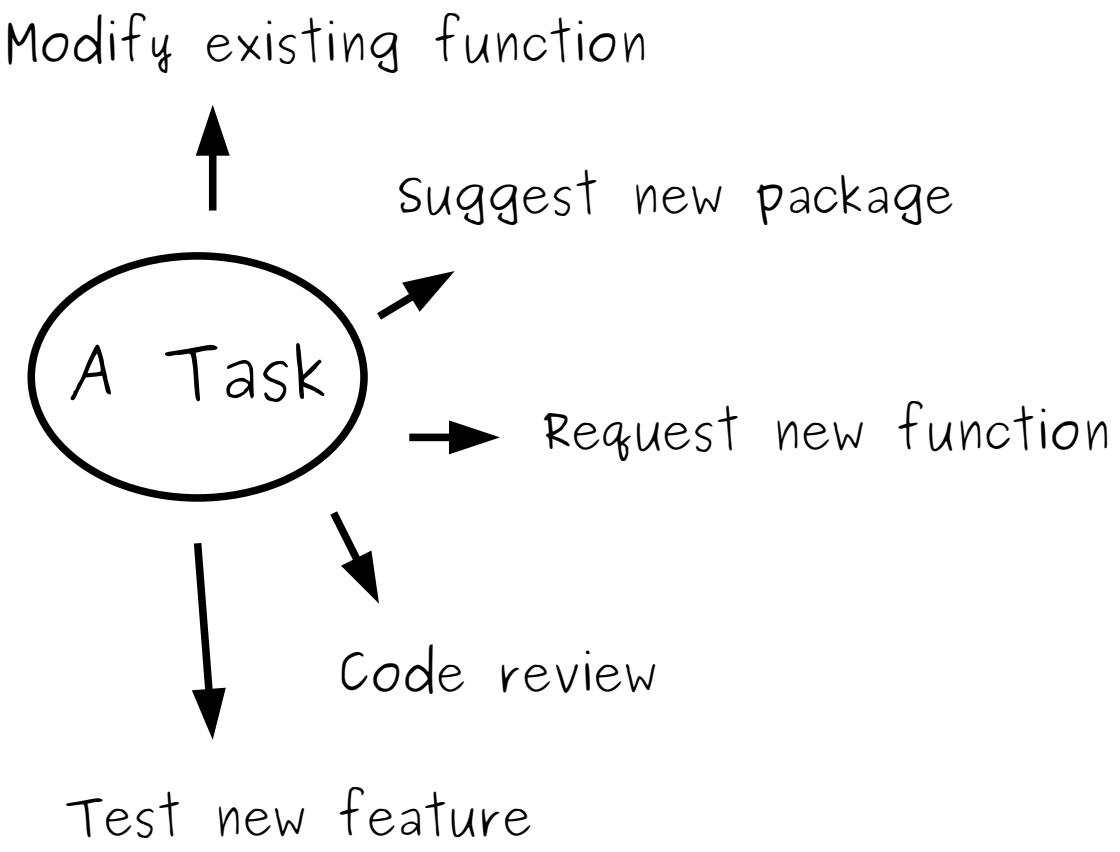
Modify existing function

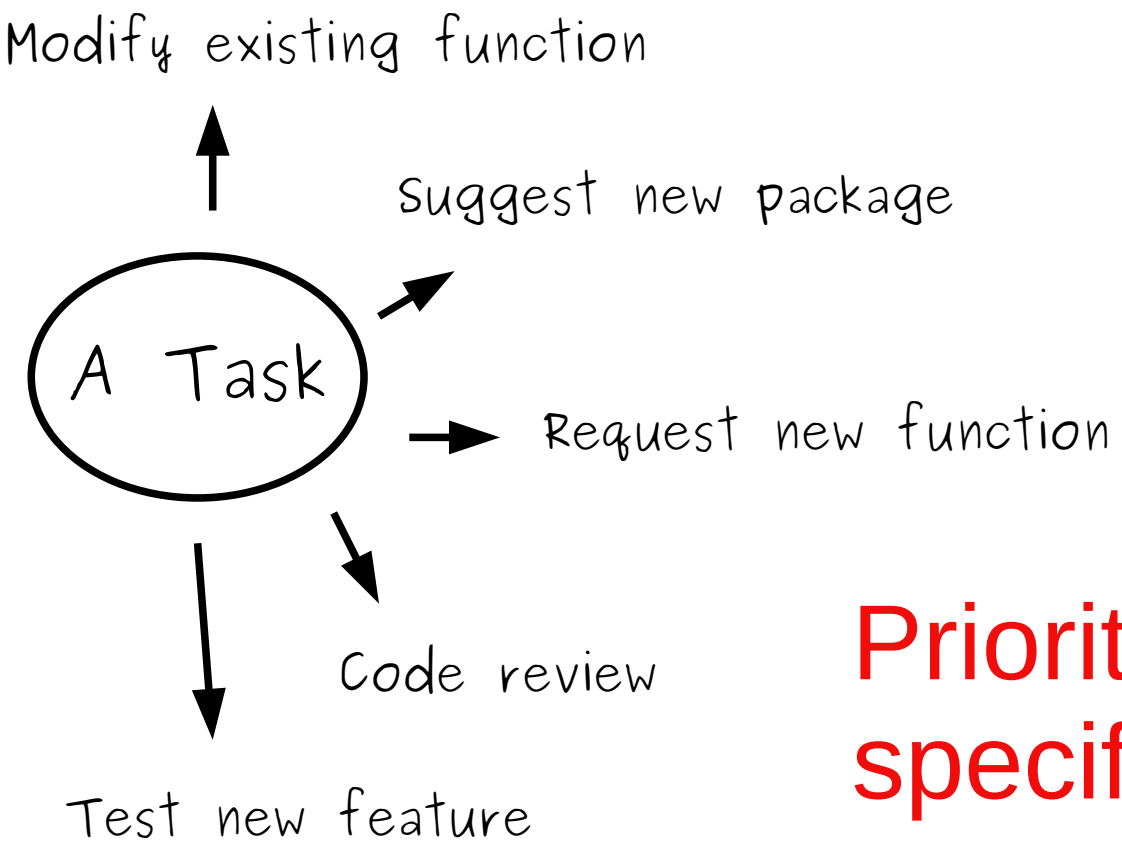



Modify existing function
Suggest new package
A Task


Modify existing function
Suggest new package
A Task
Request new function

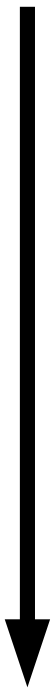

Modify existing function
Suggest new package
A Task
Request new function
Code review

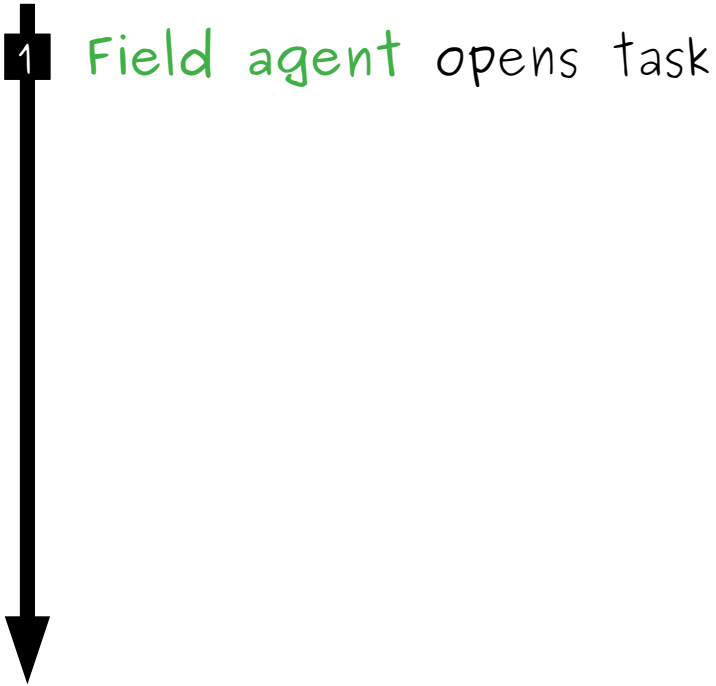

Modify existing function
Suggest new package
A Task
Request new function
Code review
Test new feature

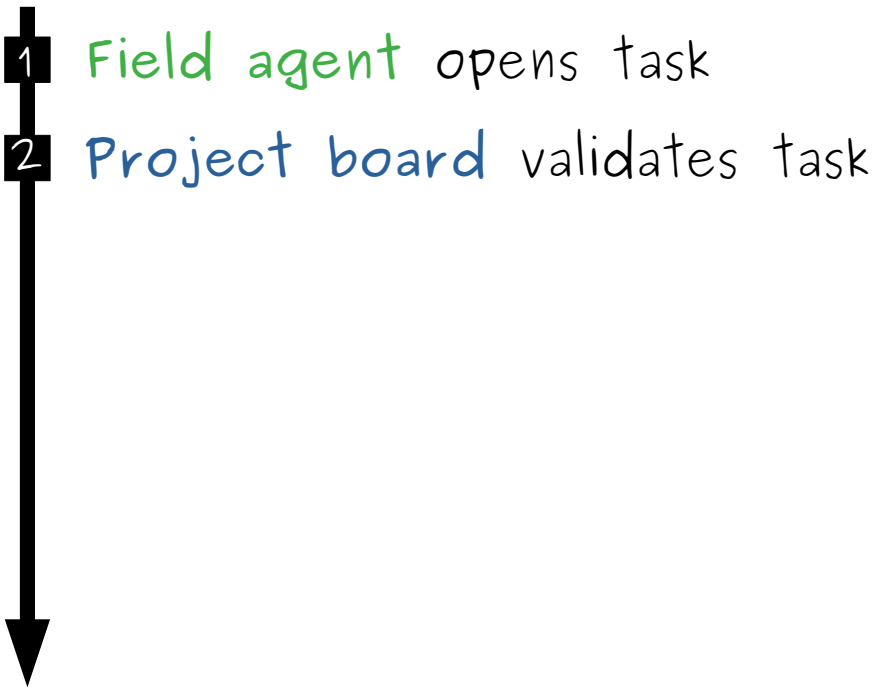


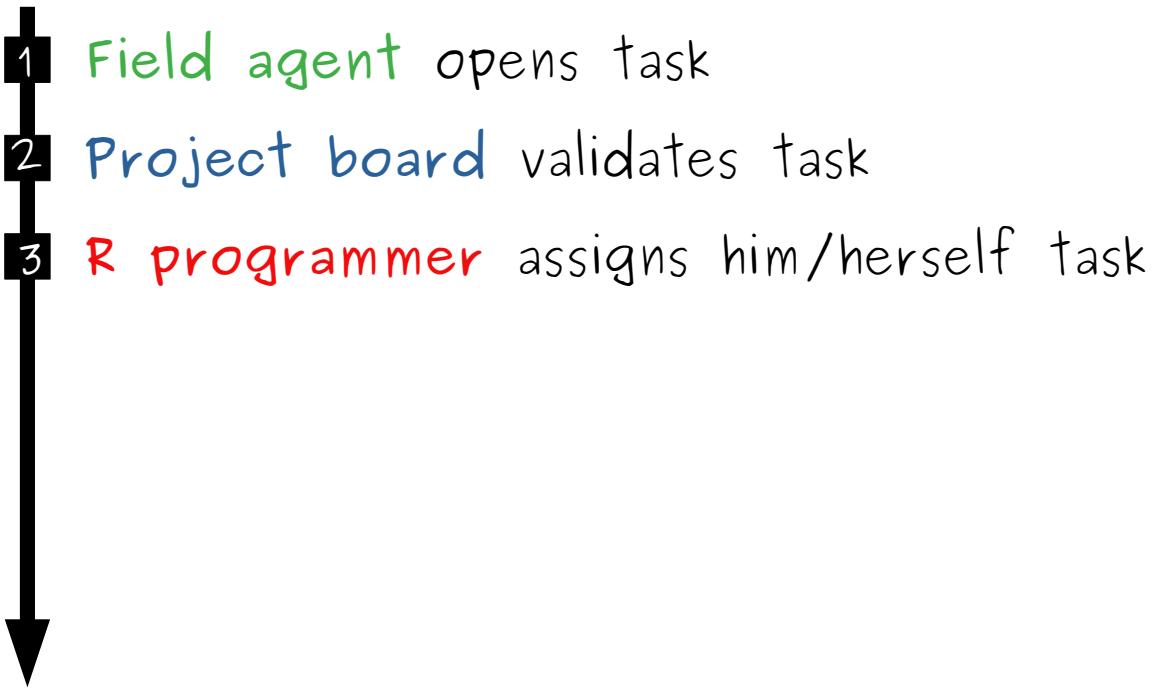
Priority to COVID-19 specific tasks

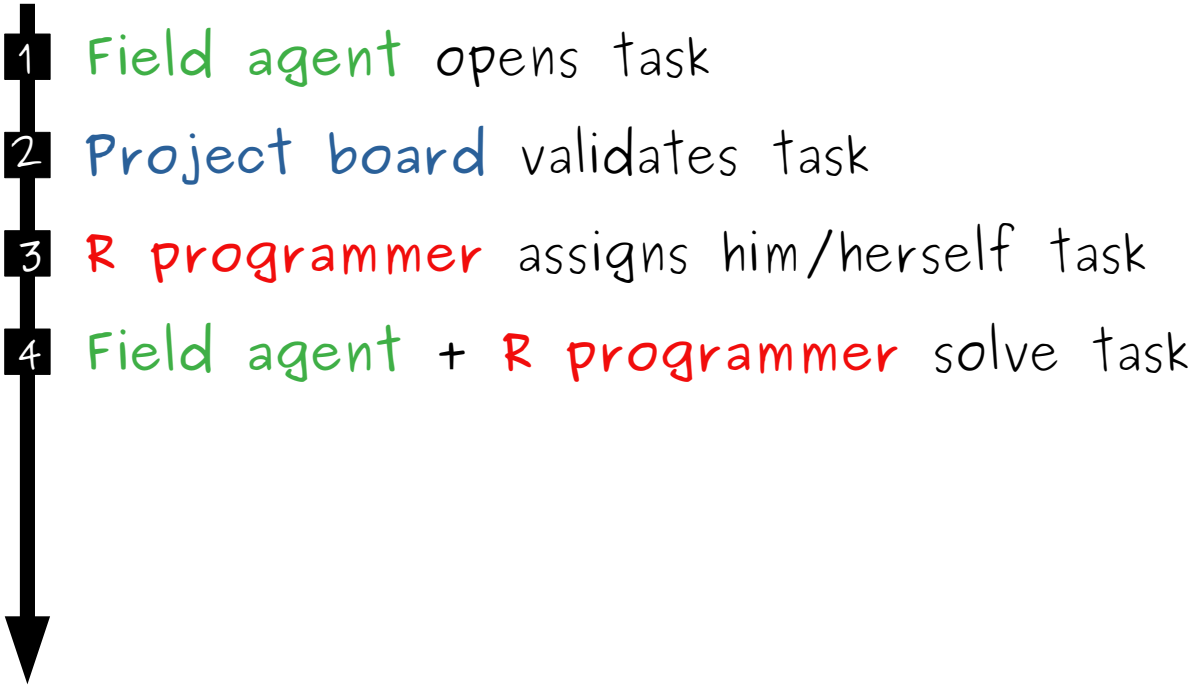
Task Lifecycle




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 assigns him/herself task


1 Field agent opens task
2 Project board validates task
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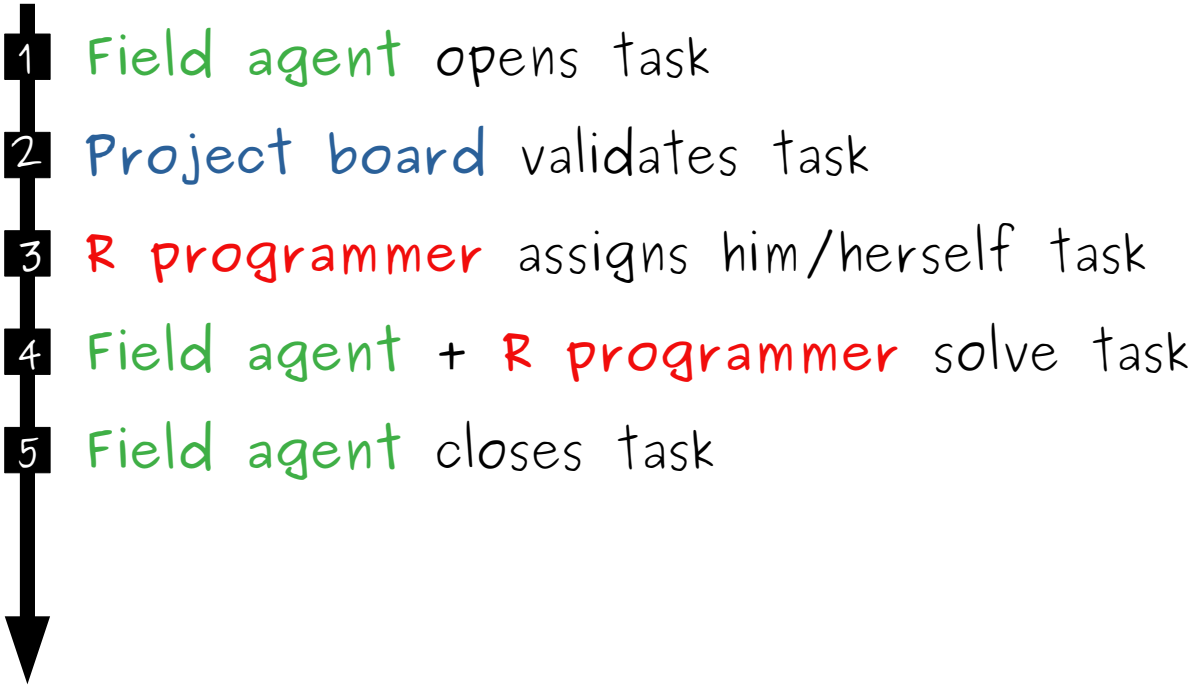
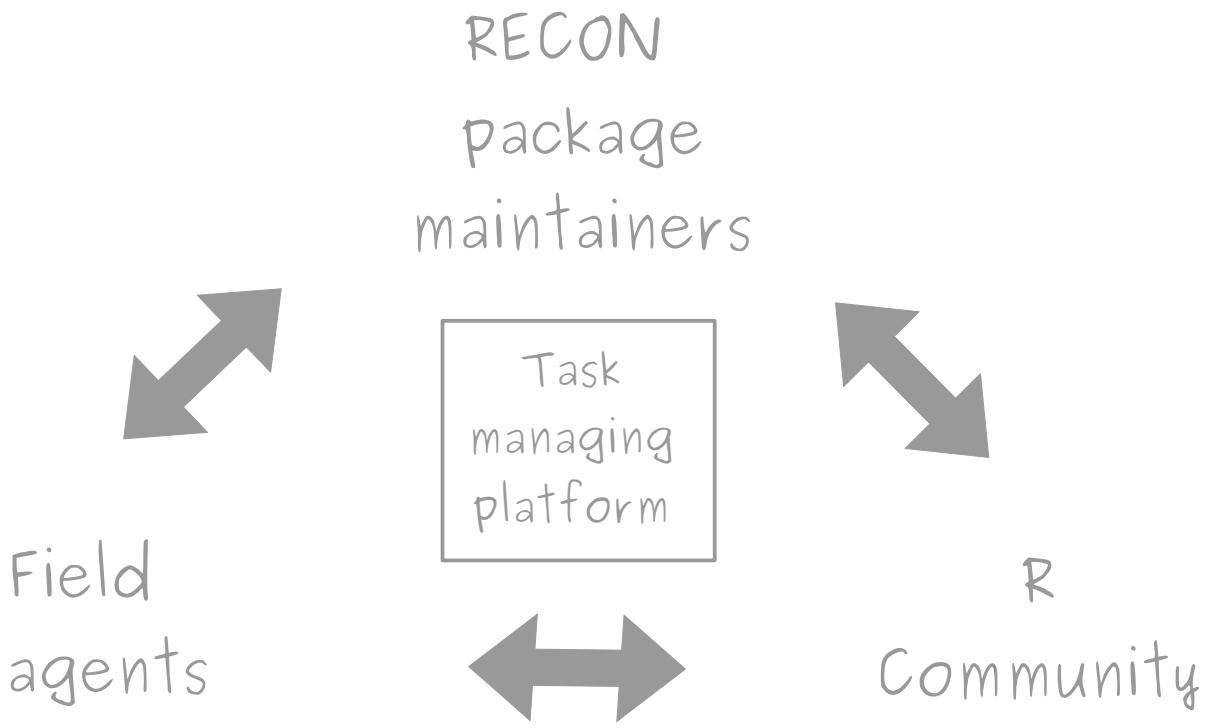
4 Field agent + R programmer solve task


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

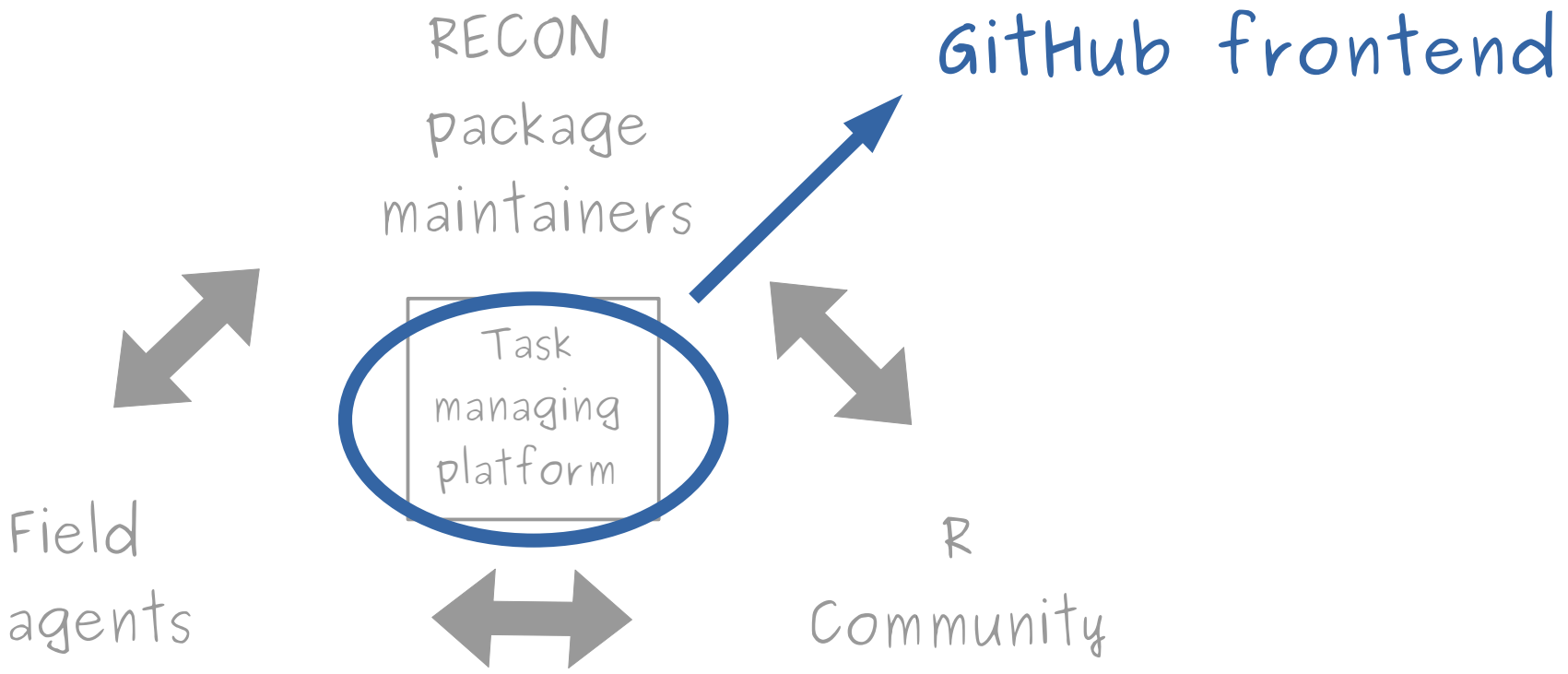
1. Field agent opens task
2. Project board validates task
3. R programmer assigns him/herself task
4. Field agent + R programmer solve task
5. Field agent closes task
6. Package maintainer includes code in package

Platform specifications

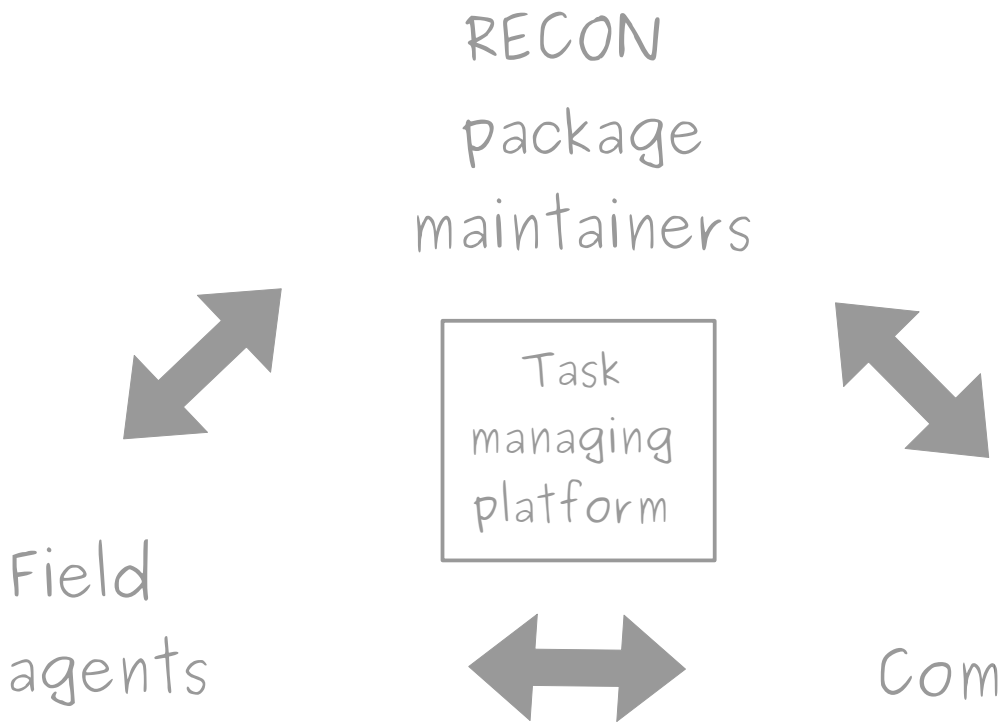
COVID-19 challenge



COVID-19 challenge

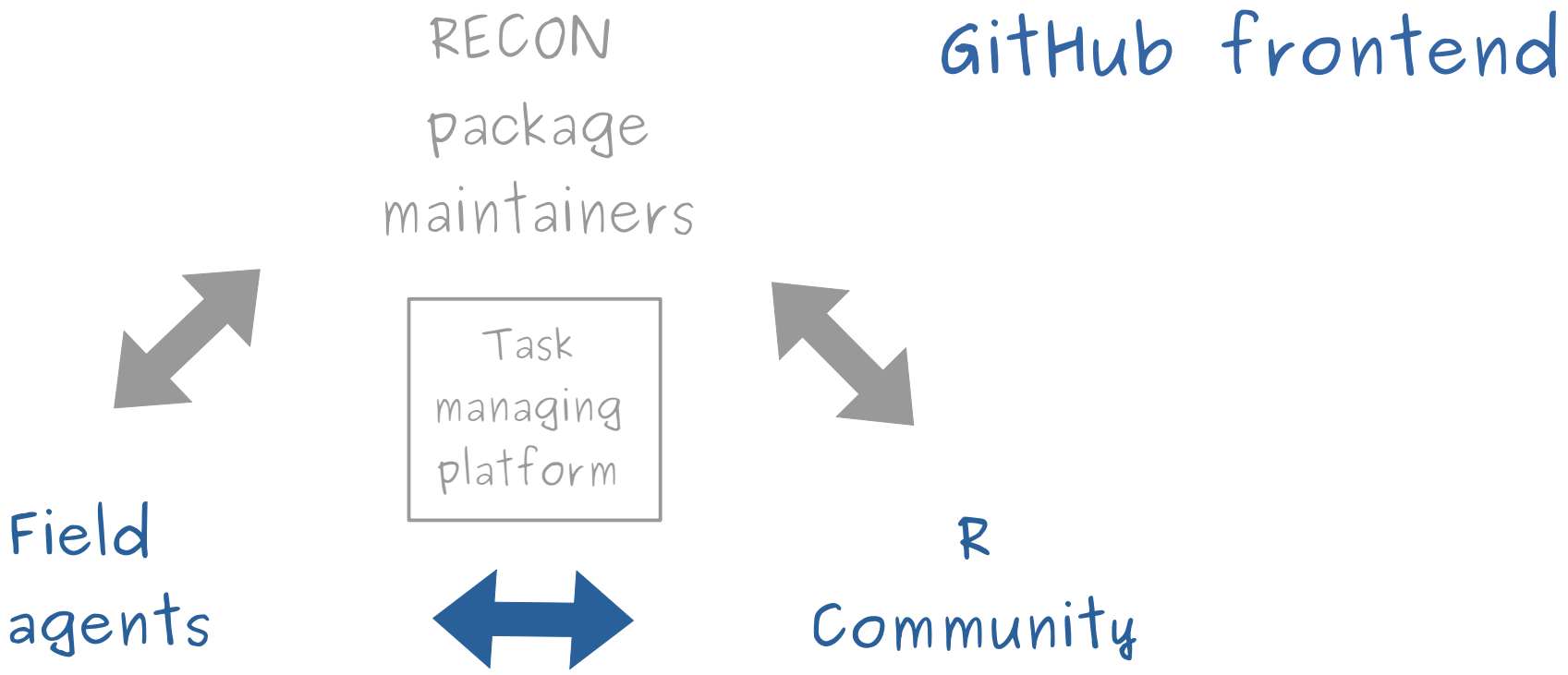


COVID-19 challenge

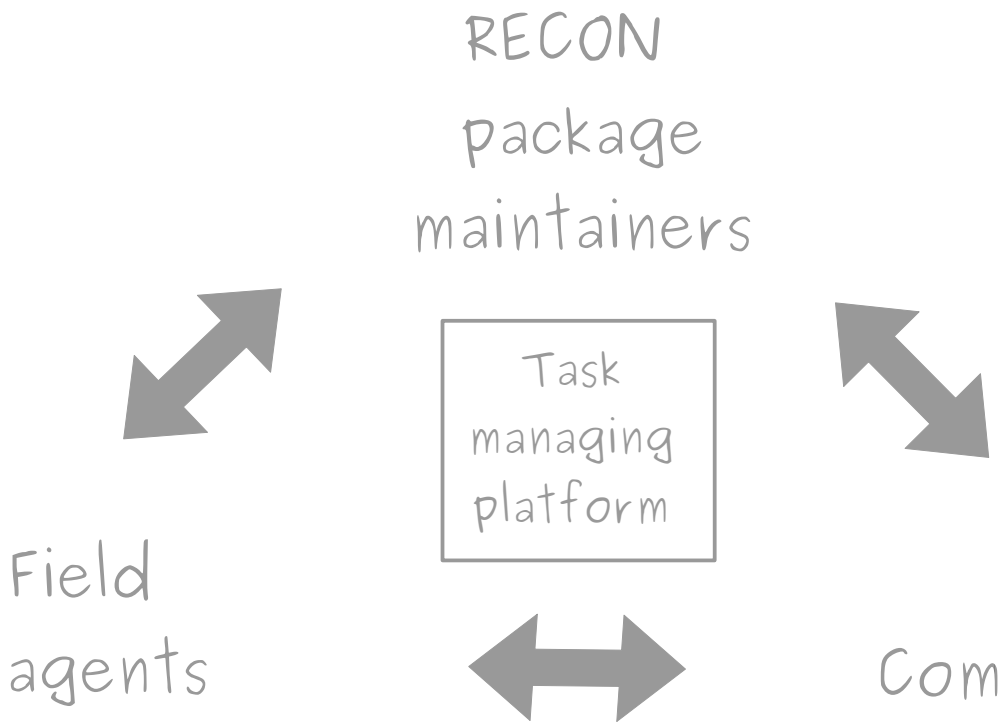


GitHub frontend

COVID-19 challenge



COVID-19 challenge



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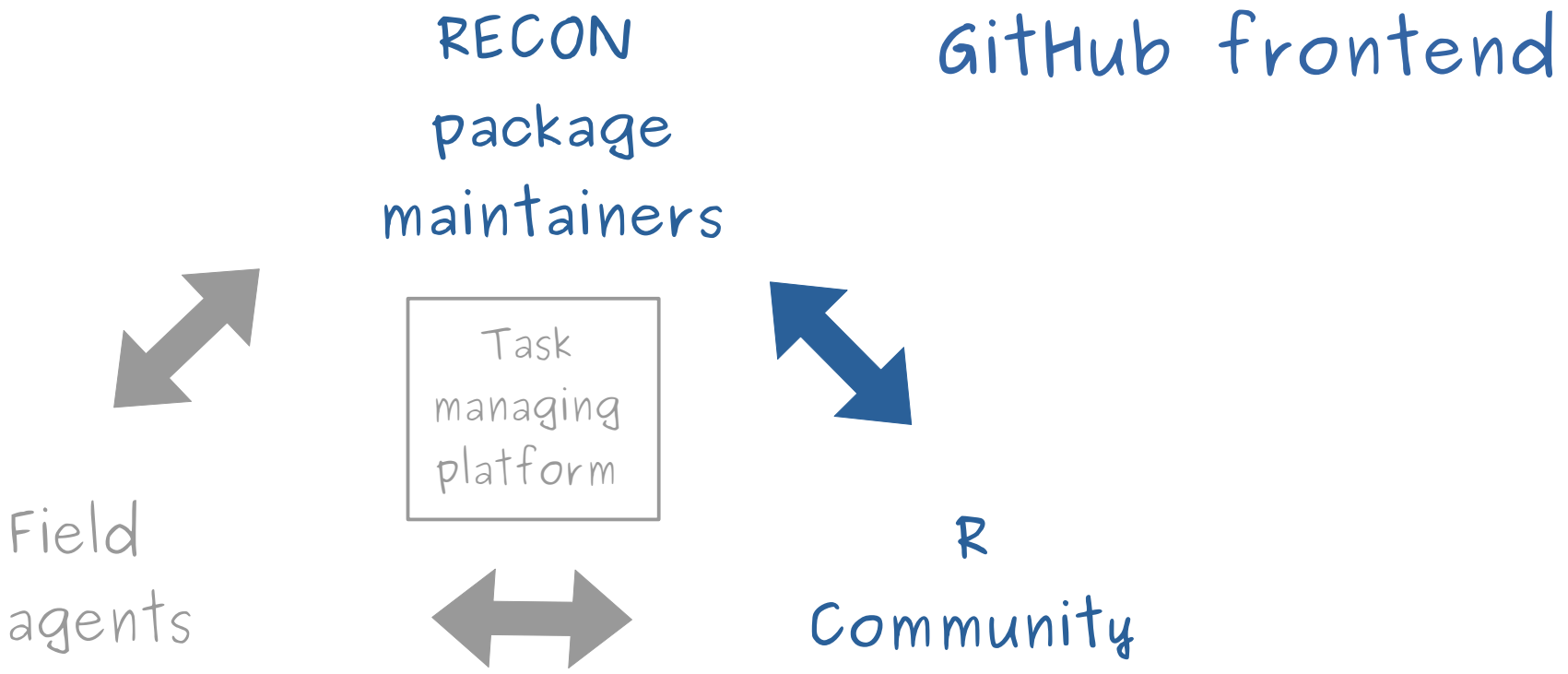

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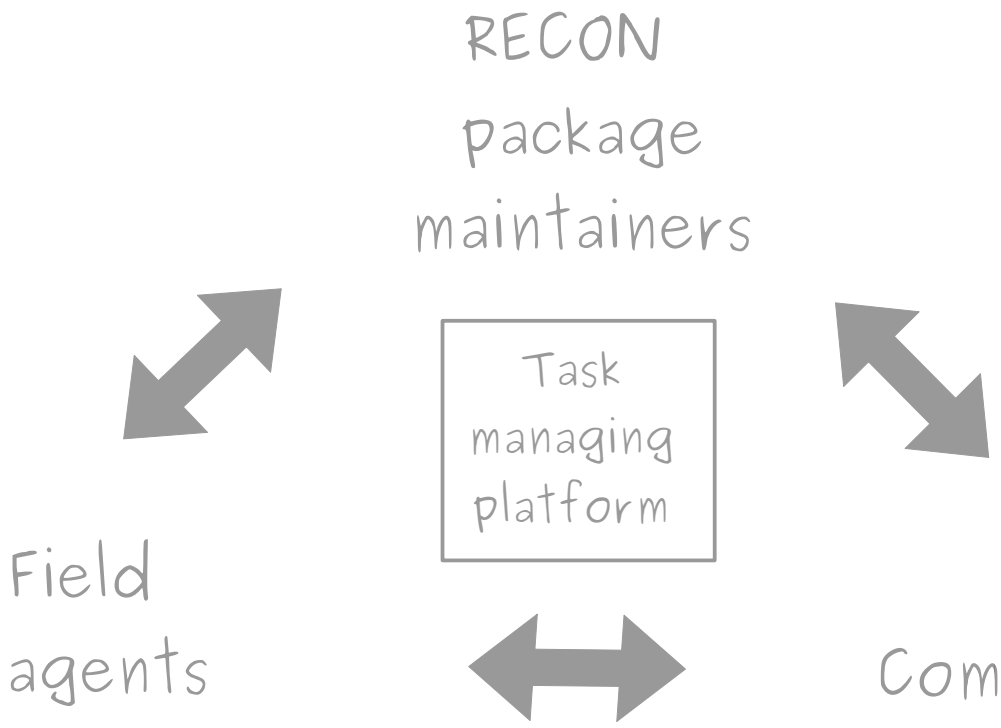

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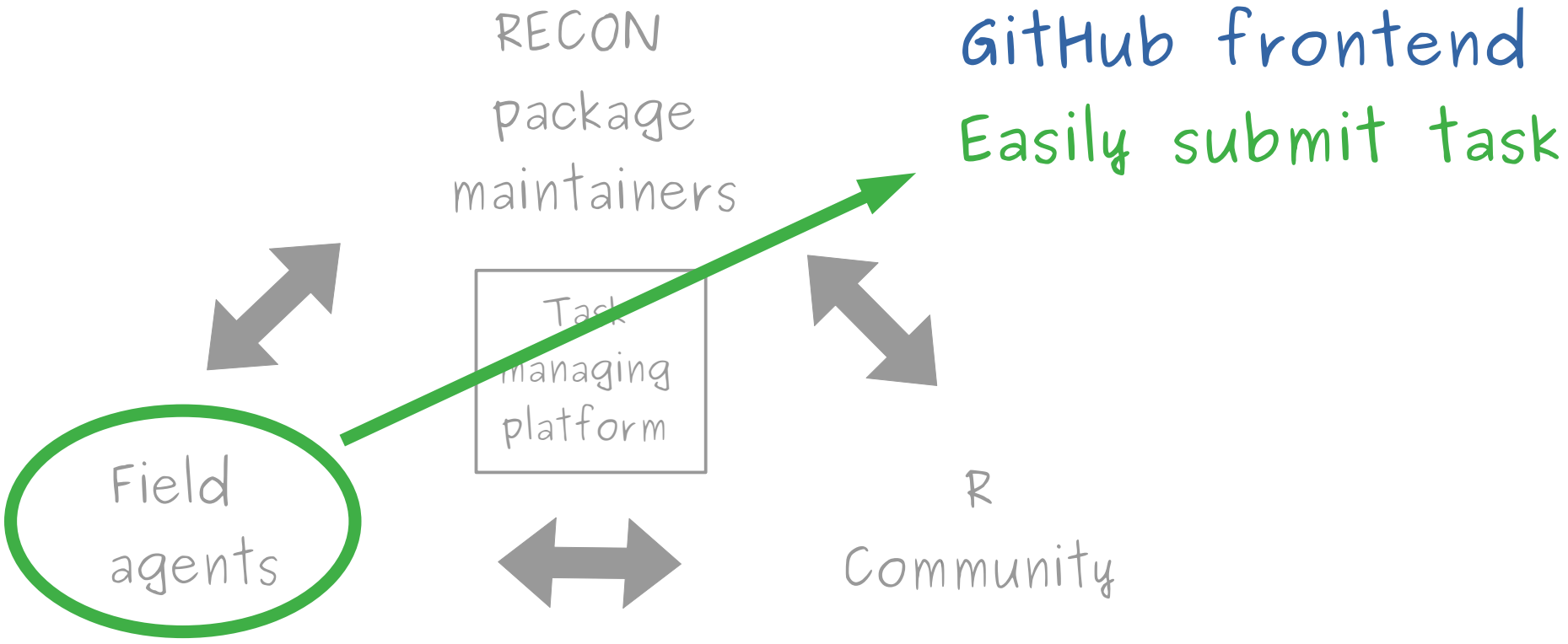

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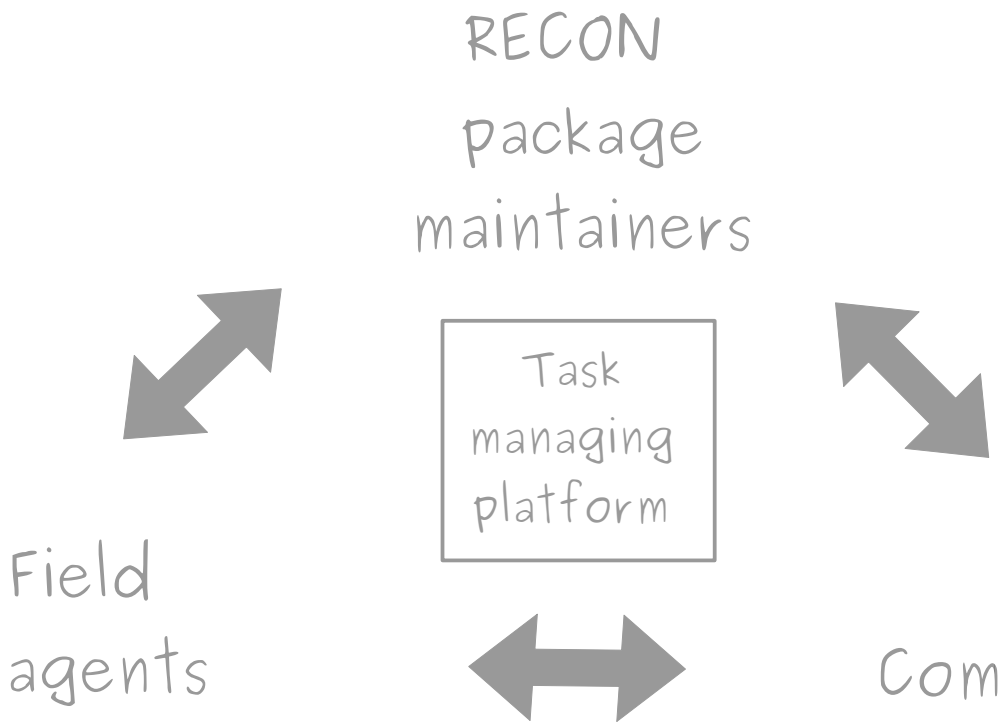
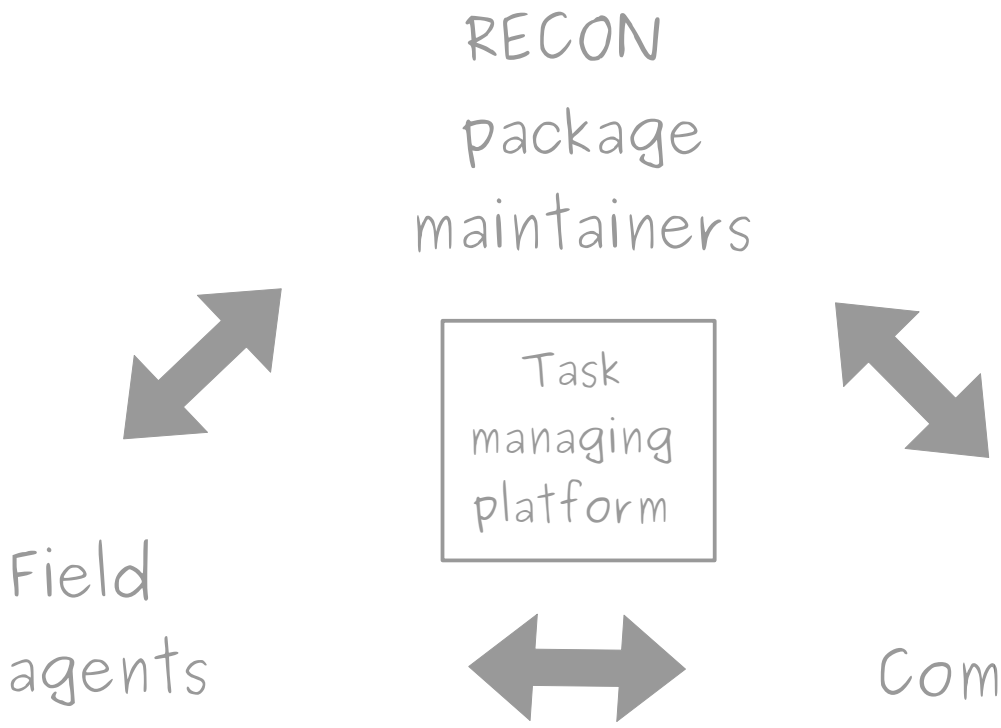


GitHub frontend

Easily submit task

COVID-19 challenge

COVID-19 challenge



GitHub frontend

Easily submit task

Easily browse tasks

DEMO

Next milestones / questions etc

Join the response against COVID19!

- Add recon twitter + covid19 twitter
- Presentation link:
- Platform link: www.tasks.repidemicsconsortium.org
- RECON website: https://github.com/reconhub/covid19hub/issues
- RECON packages: https://github.com/reconhub/
- RECON issues: https://github.com/reconhub/covid19hub/issues
- My email
- My github
- Presentation abstract: https://sites.google.com/view/dscc-19/call-to-action-matthieu-rolland?authuser=0
- Presentation link: https://matthieugold.github.io/covid-19-challenge/docs/dscc_presentation/dscc_presentation_mrolland.pdf

Thank you :)

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questions() ?