

Reproducibility in IAB Team 12

// ideas & suggestions //

P. Jedynak

M. Rolland

14-09-2020

1. Yourself

2. Team members

3. Scientific community

1. Yourself

Write good practice doc

Write good practice doc

- Naming conventions
- Analysis structure (research compendium, Rstudio projects, etc)
- Coding good practice
- Intro to literate programming (Rmarkdown, Stata markdown, etc)
- Preferred file formats
- Sharing/collaborating docs/data
- Leaving work upon departure
- Already Lydiane Ciment, Emie interns, etc

Write good practice doc

- Naming conventions
- Analysis structure (research compendium, Rstudio projects, etc)
- Coding good practice
- Intro to literate programming (Rmarkdown, Stata markdown, etc)
- Preferred file formats
- Sharing/collaborating docs/data
- Leaving work upon departure
- Already Lydiane Ciment, Emie interns, etc

Encourage use of Git and GitLab

2. Team members

- Paper codes repo

- Paper codes repo
 - Summer

- Paper codes repo
 - Summer
- Code review

- Paper codes repo
 - Summer
- Code review
- Interns !!

- Paper codes repo
 - Summer
- Code review
- Interns
 - Good practice doc **mandatory read** at arrival
 - Short test?

3. Scientific community

Use of GRICAD's GitLab instance
for sharing code

Use of GRICAD's GitLab instance
for sharing code (maybe one day
data? 🙏)

PROGRAM

PROGRAM

- Produce a reproducibility document

PROGRAM

- Produce a reproducibility document
 - Collaborative effort
 - Includes specific instructions for interns
 - Build upon Emie's & Lydiane's work
 - By the end of the year?

PROGRAM

- Produce a reproducibility document
 - Collaborative effort
 - Includes specific instructions for interns
 - Build upon Emie's & Lydiane's work
 - By the end of the year?
- Plan a GitLab/Summer meeting with those who are interested

PROGRAM

- Produce a reproducibility document
 - Collaborative effort
 - Includes specific instructions for interns
 - Build upon Emie's & Lydiane's work
 - By the end of the year?
- Plan a GitLab/Summer meeting with those who are interested
 - Define how we share/archive code
 - How we use Summer (maybe broader discussion than just code?)
 - Do we share the lab's code with GitLab? If yes how? (individual repos, team repo, etc)

PROGRAM

- Produce a reproducibility document
 - Collaborative effort
 - Includes specific instructions for interns
 - Build upon Emie's & Lydiane's work
 - By the end of the year?
- Plan a GitLab/Summer meeting with those who are interested
 - Define how we share/archive code
 - How we use Summer (maybe broader discussion than just code?)
 - Do we share the lab's code with GitLab? If yes how? (individual repos, team repo, etc)
- Plan a training to Git for interested team members (French/English)

PROGRAM

- Produce a reproducibility document
 - Collaborative effort
 - Includes specific instructions for interns
 - Build upon Emie's & Lydiane's work
 - By the end of the year?
- Plan a GitLab/Summer meeting with those who are interested
 - Define how we share/archive code
 - How we use Summer (maybe broader discussion than just code?)
 - Do we share the lab's code with GitLab? If yes how? (individual repos, team repo, etc)
- Plan a training to Git for interested team members (French/English)
- Include GRICAD in the loop?

Who?

Who?

- Permanent data/analysis tech
- Until then Pau, me + motivated

Recommended material

Reproducibility course:

<https://annakrystalli.me/rrresearchACCE20/>

Using Git with R/Rstudio: <https://happygitwithr.com/>

Pau's slides:

<http://neonscience.github.io/slide-shows/intro-reprod-science.html>

Example of a researcher's GitHub account:

<https://github.com/gasparrini>

Thanks!

Thanks! %>%

Questions?