

Reflections on the first year with Git

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Disclaimer

Views and opinions expressed are those of the speaker and not necessarily Novo Nordisk.

Announcement: Version control for programs in Biostatistics now available



CINO (Christian Haargaard Olsen)

To StatProgGlobal

Reply Reply All Forward ...

ma 16-08-2021 06:54

[Translate message to: Danish](#) | [Never translate from: English](#)

Dear colleagues,

We have reached a Minimum Viable Product (MVP) for a version control setup in Biostat and we are ready for more users!

Since spring 2020 we have been working on finding a good solution for using version control for our statistical programming. We are happy to report that our search have converged on a great solution using the program Git and that we are ready for you to start harvesting the benefits!

The primary advantages of using version control on your trial programs are:

- Full **overview** of the state and **history** of your programs.
- Possibility of rolling back to **earlier versions/backup** (without messy and untransparent backup folders).
- More **flexibility** in **collaborations** - since code changes are apparent.

While our solution is an MVP with a few rough edges, we currently have **13 projects and 33 trials already using the setup!**

Look out for more information at Prog Network Meeting (Wednesday 18AUG2021) and other fora, where we will share more details and where you will get a chance to hear about your colleagues experience with the setup.

If this sounds interesting to you as well, you can **contact CINO, HPF, MHZT or SFFL** and we can have a chat about how our setup is, and if your wishes and requirements are compatible with this MVP. We are looking forward to talking with you!

The Commit project

CINO, EDKA, HPF, LVS, MHZT, SFFL, TITE

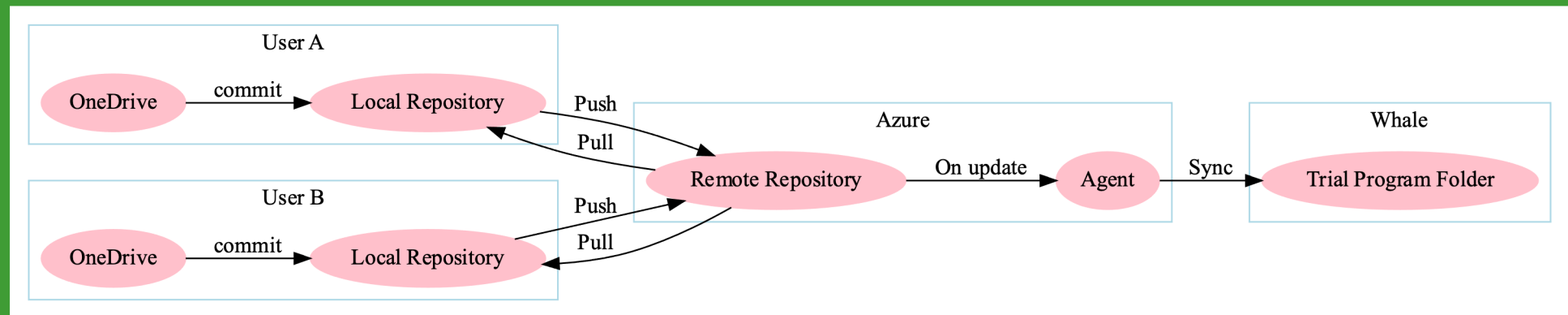
What?

Why?

How?

Version control

And it looks like this..



Workflow

Without Git



Develop code in personal draft folder



Copy code to production area

With Git



Develop code in local repository



Commit and push to Azure

How is it going?

August 2021



40 repositories

13 projects

33 studies

October 2022

270 repositories

40 projects

135 studies



Support

5 people, 5 hours/week total



70% basic git education

20% non-standard setup

8% issues outside our setup

2% issues in setup.

How?



Reference group





OVERLOAD!



Working group

Small team

Focused representation



Challenges

Processes



SOPs, guidelines, workflows

IT



Servers, access permissions, software

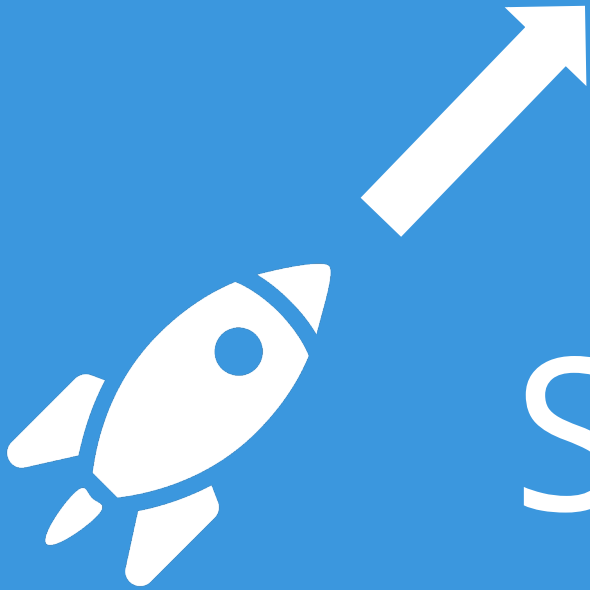
People



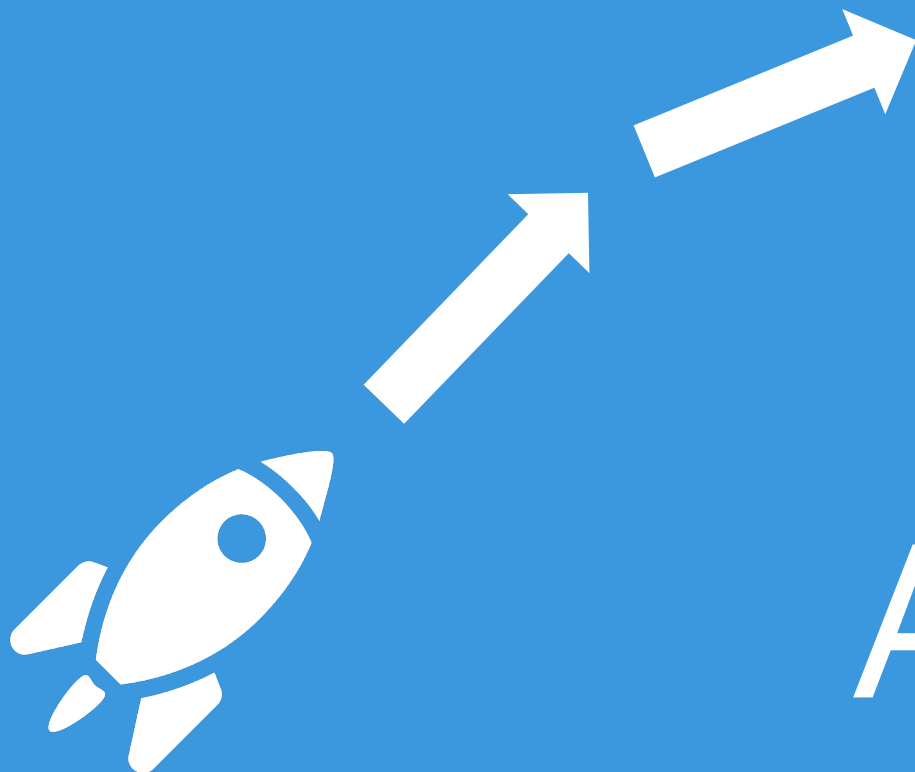
Change management



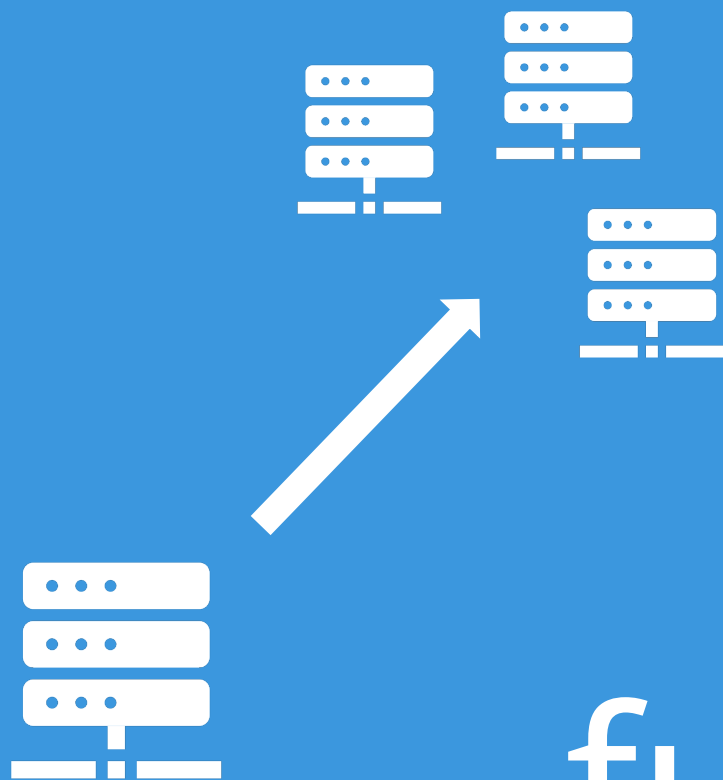
Get
started!



Set a direction

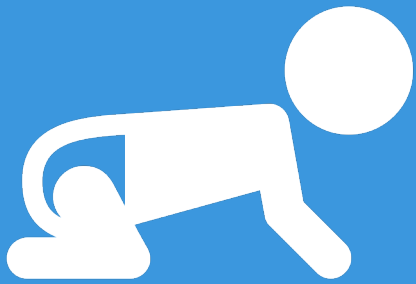


Adapt



Split out
functionality

Focus your
efforts



Make it easy

Be dynamic

Focus on your friends

.. then make more

Top down



Bottom up



How?

- Direction > specification
- The right people
- Agile mindset
- An unrestricted timeline
- Support from organization

Reflections ?

Reflections

- Choose the right people
- Take it easy
- Go bottom-up
- Make people feel safe
- Be ready to adapt

Future

- Get the rest onboard
- Develop the setup

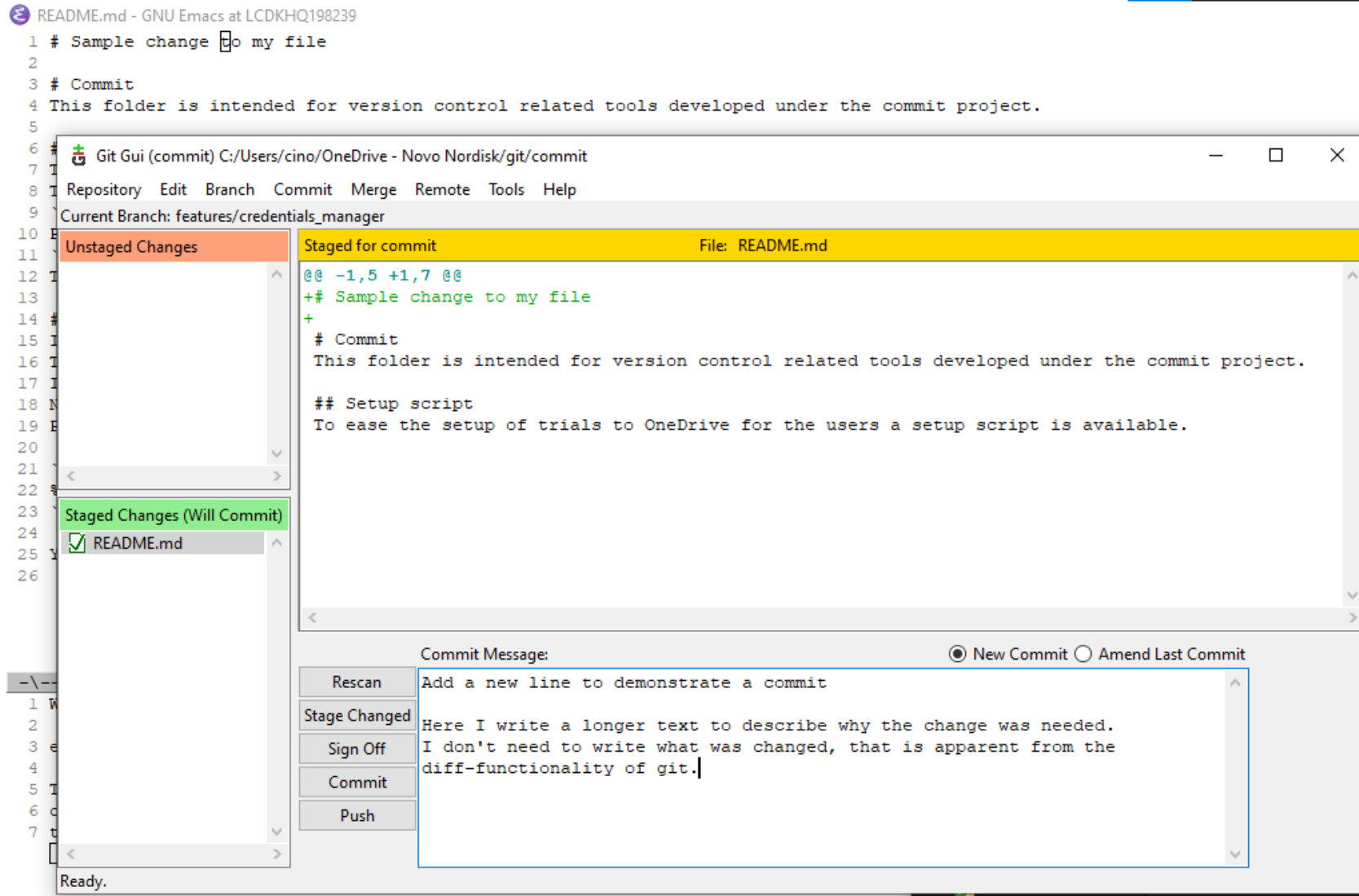
Thank you!



Get started!

The best time to plant a tree is 20 years ago. The second best is now.

Additional slides



Contents History

Update ADNEUVISPARP for EERP review

ec53efa8 CINO

Remove .lst file when running statprog

82ffb429 WL Whale

Change author (for signing)

6f0db949 WL Whale User 29 Nov 2021 at 19:02

Update ADNEUVISPARP for EERP review

- Require qstresn and ftstresn > 0 for visits to
count as neu visit

Update ADNEUVISPARP for EERP review...

Browse Files

ec53efa8 CINO (Christian Haargaard Olsen) committed 6 Dec 2021 master

Files Details

Parent 1 → This commit

Filter

1 changed file

Side-by-side



nn7999-3774-neu

parprog

mk160adneuvisparp.sas

mk160adneuvisparp.sas -2+3
/parprog/mk160adneuvisparp.sas

View

```
48      coalesce(b.new_visit_name,a.visit)
49      min(a.qsdtc)
50      max(ifn(not missing(c.paramcd)
51 -         and not missing(a.qsstresn)
52      , 1, 0))
53      from sdtm.qs as a
54      left join vismap as b
```

```
48      coalesce(b.new_visit_name,a.visit)
49      min(a.qsdtc)
50      max(ifn(not missing(c.paramcd)
51 +         and a.qsstresn > 0
52      , 1, 0))
53      from sdtm.qs as a
54      left join vismap as b
```