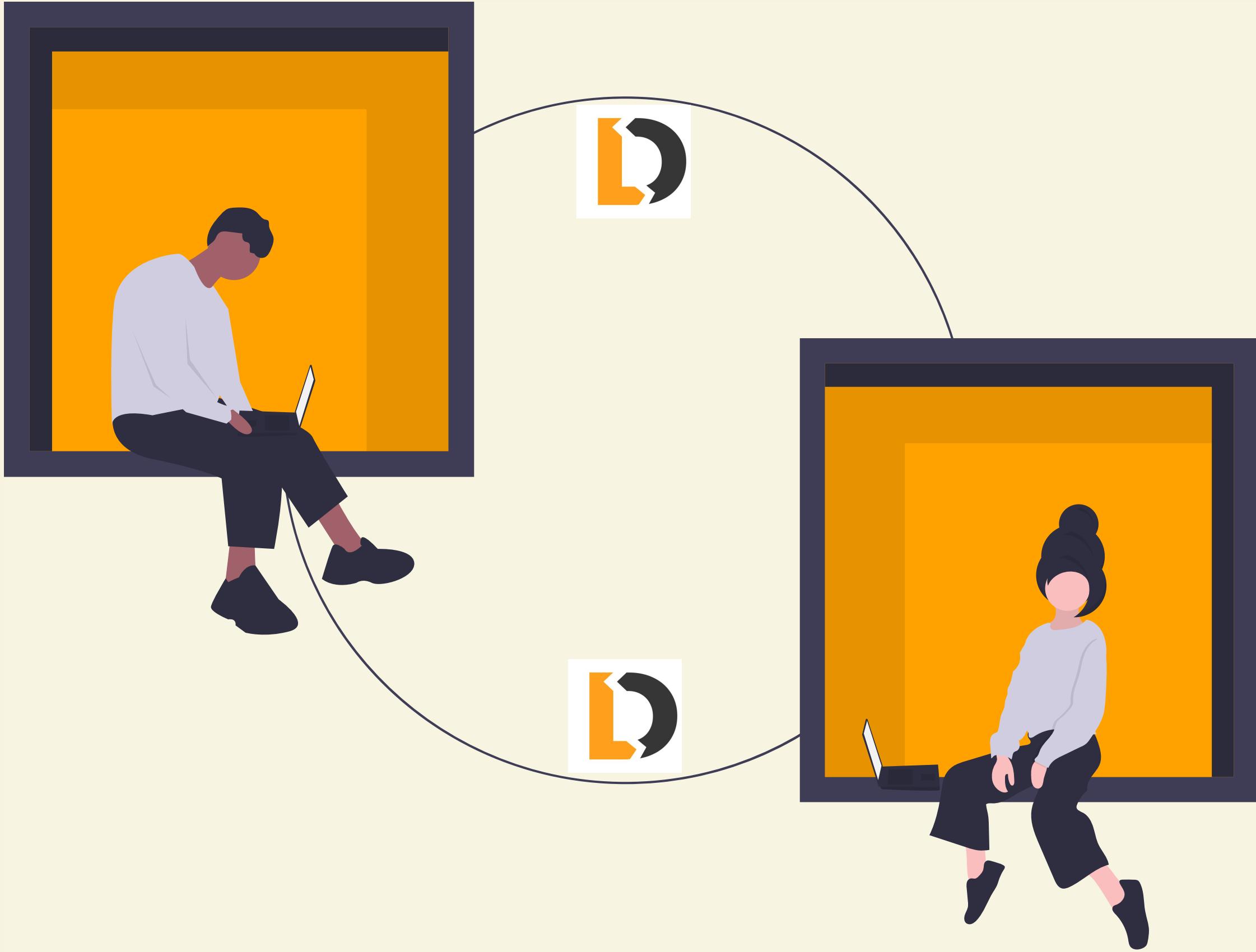


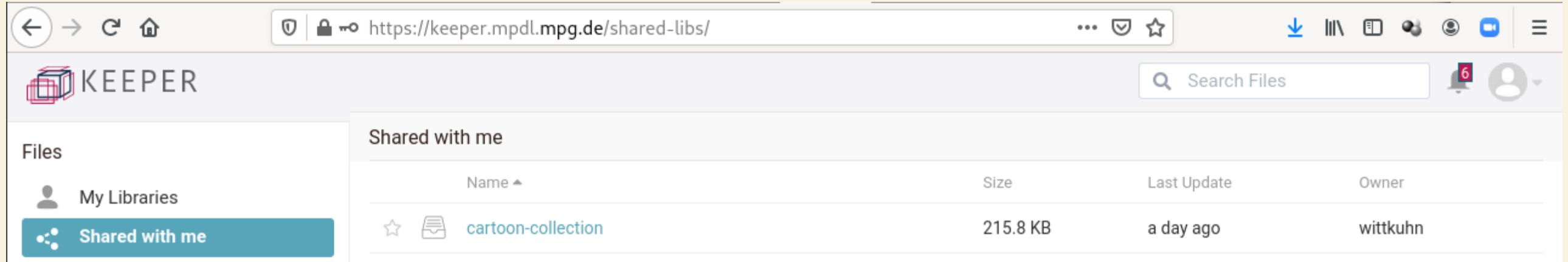
COLLABORATING ON THE CARTOON COLLECTION



"Hey, Adina! Wanna join me in acquiring comics?"

Step 1: Share the special remote and the repository

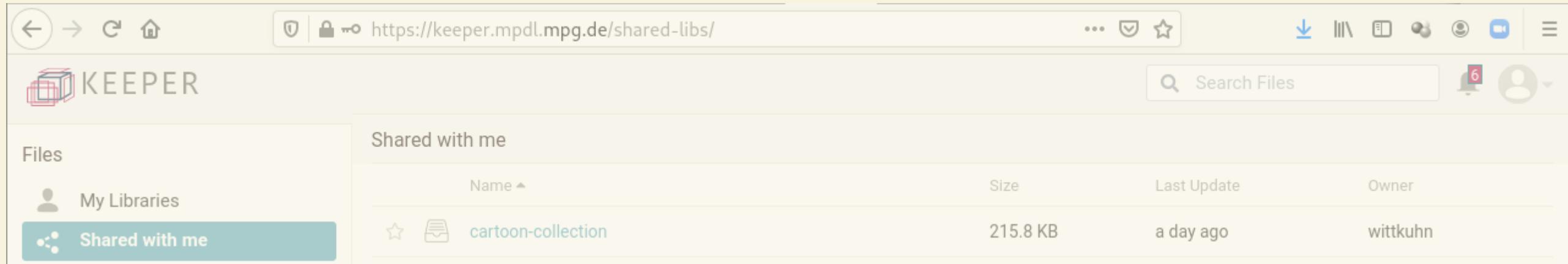
Step 1: Share the special remote and the repository



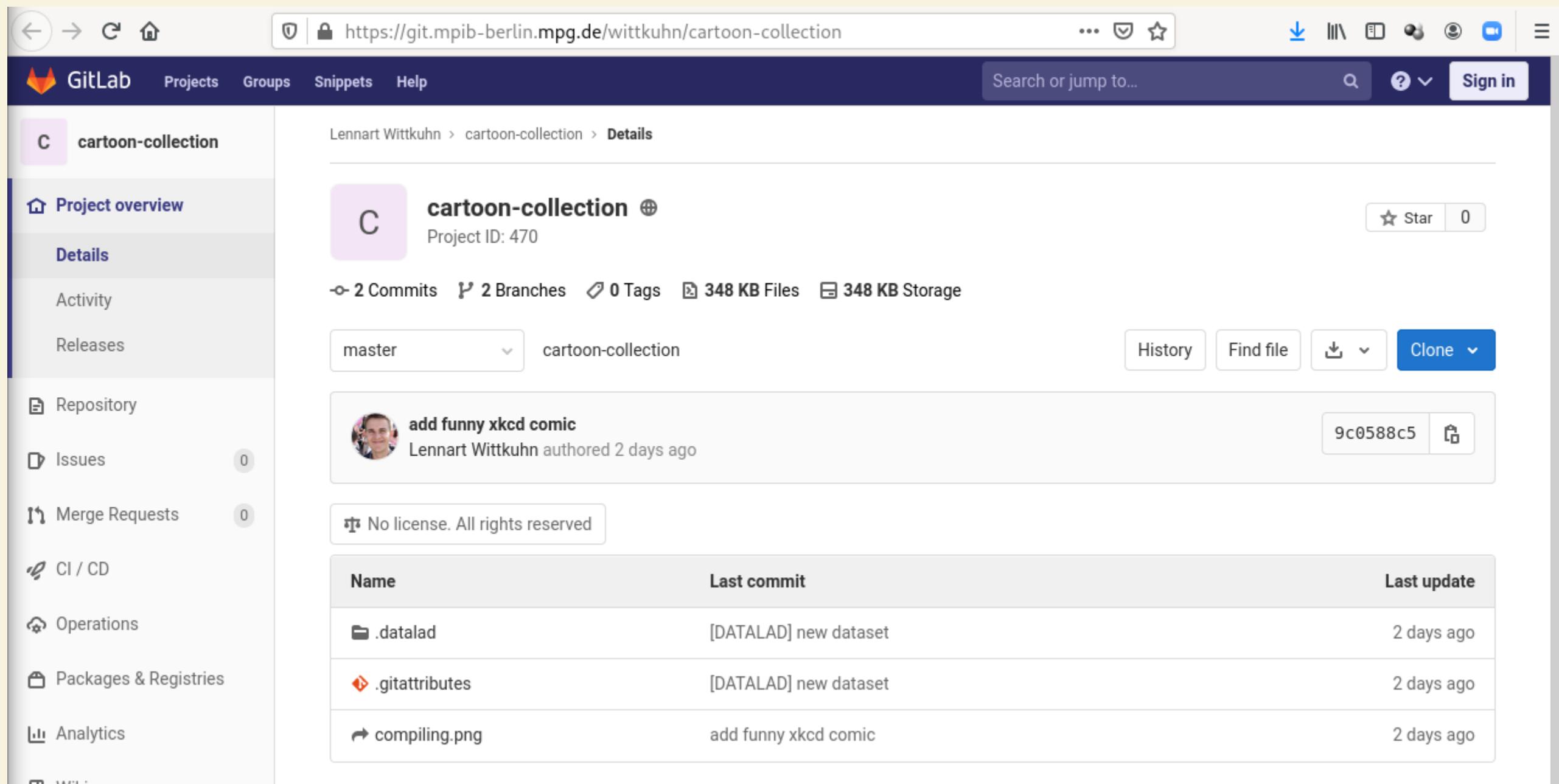
The screenshot shows the KEEPER web interface at the URL <https://keeper.mpdl.mpg.de/shared-libs/>. The left sidebar has a 'Files' section with 'My Libraries' and 'Shared with me' options, where 'Shared with me' is selected and highlighted in teal. The main area is titled 'Shared with me' and lists a single item: 'cartoon-collection'. The table headers are 'Name ▲', 'Size', 'Last Update', and 'Owner'. The details for 'cartoon-collection' are: Name (star icon and folder icon), Size (215.8 KB), Last Update (a day ago), and Owner (wittkuhn). There are also download, copy, and delete icons for the file.

Name ▲	Size	Last Update	Owner
cartoon-collection	215.8 KB	a day ago	wittkuhn

Step 1: Share the special remote and the repository



The screenshot shows the KEEPER web interface. In the top navigation bar, the URL is https://keeper.mpdl.mpg.de/shared-libs/. The sidebar on the left has a 'Files' section with 'My Libraries' and 'Shared with me'. The 'Shared with me' tab is selected, showing a list titled 'Shared with me'. There is one item: 'cartoon-collection' (Size: 215.8 KB, Last Update: a day ago, Owner: wittkuhn).



The screenshot shows the GitLab project 'cartoon-collection'. The URL is https://git.mpib-berlin.mpg.de/wittkuhn/cartoon-collection. The project ID is 470. The commit history shows a single commit by Lennart Wittkuhn: 'add funny xkcd comic' (Commit ID: 9c0588c5). The repository table lists three files: '.datalad', '.gitattributes', and 'compiling.png', all updated 2 days ago.

Name	Last commit	Last update
.datalad	[DATALAD] new dataset	2 days ago
.gitattributes	[DATALAD] new dataset	2 days ago
compiling.png	add funny xkcd comic	2 days ago

WE'RE SET UP - LET'S GET THE REPO

```
1 $ datalad clone https://git.mpib-berlin.mpg.de/wittkuhn/cartoon-collection.git
2 [INFO    ] Scanning for unlocked files (this may take some time)
3 [INFO    ] Unable to parse git config from https://git.mpib-berlin.mpg.de/wittkuhn/cartoon-collection.git
4 | Remote origin not usable by git-annex; setting annex-ignore
5 [INFO    ] access to 1 dataset sibling seafile not auto-enabled, enable with:
6 | datalad siblings -d "/tmp/collaboration/cartoon-collection" enable -s seafile
7 install(ok): /tmp/collaboration/cartoon-collection (dataset)
```

```
$ cd cartoon-collection
$ ls
compiling.png  # only a "filename" - note actual file content!
```

CONFIGURE THE SAME RCLONE REMOTE

CONFIGURE THE SAME RCLONE REMOTE

```
$ rclone config
e) Edit existing remote
n) New remote
d) Delete remote
r) Rename remote
c) Copy remote
s) Set configuration password
q) Quit config
e/n/d/r/c/s/q> n # enter n and press enter
```

CONFIGURE THE SAME RCLONE REMOTE

```
$ rclone config
e) Edit existing remote
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d) Delete remote
r) Rename remote
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s) Set configuration password
q) Quit config
e/n/d/r/c/s/q> n # enter n and press enter
```

```
name> seafile # enter name and press enter
```

CONFIGURE THE SAME RCLONE REMOTE

```
$ rclone config
e) Edit existing remote
n) New remote
d) Delete remote
r) Rename remote
c) Copy remote
s) Set configuration password
q) Quit config
e/n/d/r/c/s/q> n # enter n and press enter
```

```
name> seafile # enter name and press enter
```

```
Type of storage to configure.
Enter a string value. Press Enter for the default ("").
Choose a number from below, or type in your own value
[...]
38 / seafile
 \ "seafile"
Storage> seafile # enter 'seafile' or '38' and press enter
** See help for seafile backend at: https://rclone.org/seafile/ **
```

CONFIGURE THE SAME RCLONE REMOTE

```
$ rclone config
e) Edit existing remote
n) New remote
d) Delete remote
r) Rename remote
c) Copy remote
s) Set configuration password
q) Quit config
e/n/d/r/c/s/q> n # enter n and press enter
```

```
name> seafile # enter name and press enter
```

```
Type of storage to configure.
Enter a string value. Press Enter for the default ("").
Choose a number from below, or type in your own value
[...]
38 / seafile
 \ "seafile"
Storage> seafile # enter 'seafile' or '38' and press enter
** See help for seafile backend at: https://rclone.org/seafile/ **
```

```
URL of seafile host to connect to
Enter a string value. Press Enter for the default ("").
Choose a number from below, or type in your own value
 1 / Connect to cloud.seafile.com
 \ "https://cloud.seafile.com/"
url> https://keeper.mpdl.mpg.de/
```



```
User name (usually email address)
Enter a string value. Press Enter for the default ("").
user> adina.wagner@t-online.de # enter YOUR email address!
```

```
User name (usually email address)
Enter a string value. Press Enter for the default ("").
user> adina.wagner@t-online.de # enter YOUR email address!
```

```
Password
y) Yes type in my own password
g) Generate random password
n) No leave this optional password blank (default)
y/g/n> y # every Keeper account should have a password
Enter the password:
password: # enter password here
Confirm the password:
password: # enter password again
```

```
User name (usually email address)
Enter a string value. Press Enter for the default ("").
user> adina.wagner@t-online.de # enter YOUR email address!
```

```
Password
y) Yes type in my own password
g) Generate random password
n) No leave this optional password blank (default)
y/g/n> y # every Keeper account should have a password
Enter the password:
password: # enter password here
Confirm the password:
password: # enter password again
```

```
Two-factor authentication ('true' if the account has 2FA enabled)
Enter a boolean value (true or false). Press Enter for the default ("false").
2fa> # just press enter if you don't use 2FA
```

```
User name (usually email address)
Enter a string value. Press Enter for the default ("").
user> adina.wagner@t-online.de # enter YOUR email address!
```

```
Password
y) Yes type in my own password
g) Generate random password
n) No leave this optional password blank (default)
y/g/n> y # every Keeper account should have a password
Enter the password:
password: # enter password here
Confirm the password:
password: # enter password again
```

```
Two-factor authentication ('true' if the account has 2FA enabled)
Enter a boolean value (true or false). Press Enter for the default ("false").
2fa> # just press enter if you don't use 2FA
```

```
Name of the library. Leave blank to access all non-encrypted libraries.
Enter a string value. Press Enter for the default ("").
library> # leave blank and press enter
```

```
1 Edit advanced config? (y/n)
2   y) Yes
3   n) No (default)
4 y/n> y
```

```
1 Should rclone create a library if it doesn't existing
2 Enter a boolean value (true or false). Press Enter for the default ("false").
3 create_library> true
4
```

```
1 This sets the encoding for the backend.
2 See: the [encoding section in the overview] (/overview/#encoding) for more info.
3 Enter a encoder.MultiEncoder value. Press Enter for the default ("Slash,DoubleQuote,BackSlash,Ctl,Invalid")
4 encoding> # press enter to keep the default
```

```
Remote config
-----
[seafile]
type = seafile
url = https://keeper.mpdl.mpg.de
user = adina.wagner@t-online.de
pass = *** ENCRYPTED ***
create_library = true
-----
y) Yes this is OK (default)
e) Edit this remote
d) Delete this remote
```

```
Edit advanced config? (y/n)
  y) Yes
  n) No (default)
y/n> y
```

```
Should rclone create a library if it doesn't exist
Enter a boolean value (true or false). Press Enter for the default ("false").
create_library> true
```

```
This sets the encoding for the backend.
See: the [encoding section in the overview] (/overview/#encoding) for more info.
Enter a encoder.MultiEncoder value. Press Enter for the default ("Slash,DoubleQuote,BackSlash,Ctl,InvalidU
encoding> # press enter to keep the default
```

```
Remote config
-----
[seafile]
type = seafile
url = https://keeper.mpdl.mpg.de
user = adina.wagner@t-online.de
pass = *** ENCRYPTED ***
create_library = true
-----
y) Yes this is OK (default)
e) Edit this remote
d) Delete this remote
```

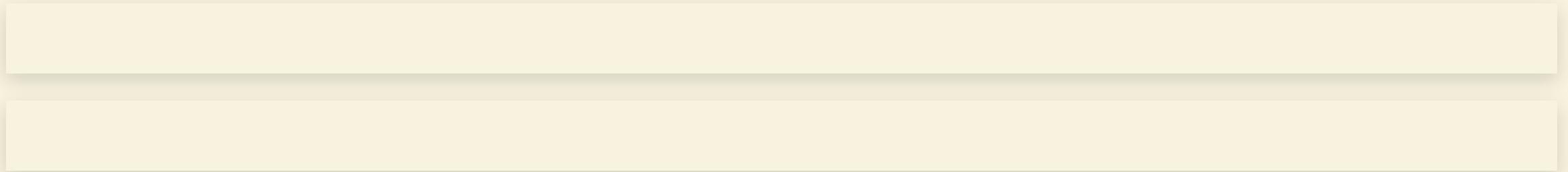
Tip: You can edit configurations manually in
~/.config/rclone/rclone.conf

LIST AVAILABLE FILES

`rclone lsd remotename:` can list the directories on keeper

```
$ rclone lsd seafile:  
215837 2020-11-13 09:17:03 -1 cartoon-collection
```

AAAAAAAND ITS TIME TO GET THE COMIC!



AAAAAAAND ITS TIME TO GET THE COMIC!

Before I can get the comic, I need to enable the special remote

AAAAAAAND ITS TIME TO GET THE COMIC!

Before I can get the comic, I need to enable the special remote

```
$ datalad siblings -d "/tmp/collaboration/cartoon-collection" enable -s seafile  
.: seafile(?) [git]
```

AAAAAAAND ITS TIME TO GET THE COMIC!

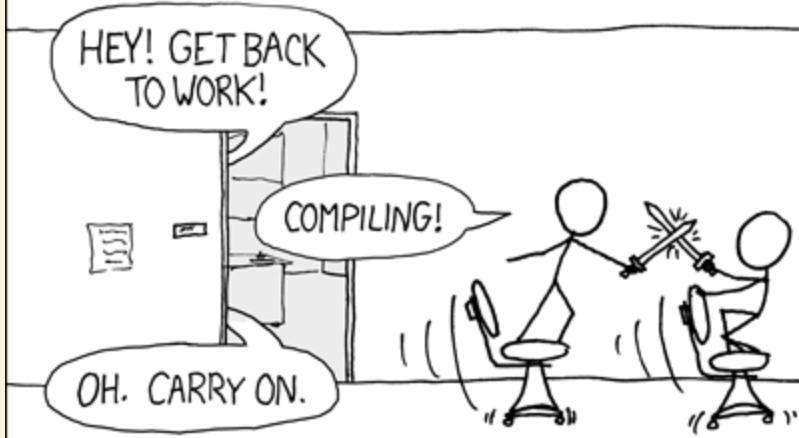
Before I can get the comic, I need to enable the special remote

```
$ datalad siblings -d "/tmp/collaboration/cartoon-collection" enable -s seafile  
.: seafile(?) [git]
```

```
$ datalad get compiling.png  
get(ok): compiling.png (file) [from seafile...]
```



THE #1 PROGRAMMER EXCUSE
FOR LEGITIMATELY SLACKING OFF:
"MY CODE'S COMPILING."



BUT WAIT... I ALSO KNOW COOL COMICS!

FROM DATA SHARING TO COLLABORATION

ADD A COLLABORATOR ON GITLAB

Lennart Wittkuhn > cartoon-collection > Members

Project members

You can invite a new member to **cartoon-collection** or invite another group.

Invite member	Invite group
GitLab member or Email address <input type="text" value="Adina Wagner"/>	
Choose a role permission <input type="text" value="Developer"/>	
Read more about role permissions	
Access expiration date <input type="text" value="Expiration date"/>	
<input type="button" value="Invite"/> <input type="button" value="Import"/>	

And don't forget to add your collaborators to your Seafile / Keeper library!

COLLABORATION!

Typical collaborative workflow:

COLLABORATION!

Typical collaborative workflow:

Optional: Create an issue

COLLABORATION!

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It is good practice to let your collaborators know what you are working on. Creating an issue on GitLab is a good way to give them a heads-up and discuss plans

COLLABORATION!

Typical collaborative workflow:

Optional: Create an issue

It is good practice to let your collaborators know what you are working on. Creating an issue on GitLab is a good way to give them a heads-up and discuss plans

The screenshot shows a GitLab project interface for a project named "cartoon-collection". The left sidebar contains navigation links for Project overview, Repository, Issues (with 1 new item), Merge Requests, CI / CD, Operations, Packages & Registries, Analytics, Wiki, Snippets, and Members. The main area displays an issue titled "#1 Add more comics" opened by Adina Wagner. The issue body contains a comment from @wittkuhn: "Hi @wittkuhn, thanks a lot for sharing your work with me. I believe that this resource could be extended with some more comics, though. I can open a PR with an addition shortly." Below the comment is a file attachment section with a placeholder "Drop or upload designs to attach". At the bottom of the issue view are buttons for Comment, Close issue, and Attach a file.

To Do Add a To Do

0 Assignees Edit
None - assign yourself

Milestone Edit
None

Time tracking ?
No estimate or time spent

Due date Edit
None

Labels Edit
None

Confidentiality Edit
Not confidential

Lock issue Edit
Unlocked

2 participants

Notifications On

Reference: wittkuhn/cartoon-coll...

COLLABORATION!

Typical collaborative workflow:

Optional: Create an issue

It is good practice to let your collaborators know what you are working on. Creating an issue on GitLab is a good way to give them a heads-up and discuss plans

The screenshot shows a GitLab interface for a project named 'cartoon-collection'. The left sidebar contains navigation links for Project overview, Repository, Issues (1), Boards, Labels, Service Desk, Milestones, Merge Requests (1), CI / CD, Operations, Packages & Registries, Analytics, Wiki, Snippets, and Members.

The main content area displays an issue titled 'Add more comics'. The header shows it was opened just now by Adina Wagner. Buttons for 'Close issue' and 'New issue' are visible. The body of the issue contains a message from Lennart Wittkuhn (@wittkuhn) thanking him for sharing work and suggesting adding more comics. A file attachment section with a placeholder 'Drop or upload designs to attach' is shown below the message. Below the message, there are like, dislike, and emoji buttons, and dropdown menus for sorting ('Oldest first') and activity ('Show all activity'). A 'Create merge request' button is also present.

A comment from Lennart Wittkuhn (@wittkuhn) is displayed, responding to Adina Wagner (@adina.wagner) about needing more comics. It includes a 'Maintainer' label, a reply icon, and a more options icon.

The right sidebar provides settings for the issue, including:

- To Do: Add a To Do | »
- Assignees: 0 Assignees | Edit | None - assign yourself
- Milestone: None | Edit
- Time tracking: No estimate or time spent | ?
- Due date: None | Edit
- Labels: None | Edit
- Confidentiality: Not confidential | Edit | Not confidential
- Lock issue: Unlocked | Edit | Unlocked
- Participants: 2 participants |
- Notifications:
- Reference: wittkuhn/cartoon-coll...

COLLABORATION!

COLLABORATION!

Step 1: Create a new branch in your dataset

COLLABORATION!

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It is good practice to develop a new feature/add data/extend code/... in a new branch

COLLABORATION!

Step 1: Create a new branch in your dataset

It is good practice to develop a new feature/add data/extend code/... in a new branch

```
$ git checkout -b morecomics  
Switched to a new branch 'morecomics'
```

COLLABORATION!

COLLABORATION!

Step 2: Make a change, and save it

COLLABORATION!

Step 2: Make a change, and save it

```
$ wget https://imgs.xkcd.com/comics/interdisciplinary.png
--2020-11-15 12:23:22--  https://imgs.xkcd.com/comics/interdisciplinary.
Resolving imgs.xkcd.com (imgs.xkcd.com) ... 2a04:4e42:1b::67, 151.101.112.
Connecting to imgs.xkcd.com (imgs.xkcd.com)|2a04:4e42:1b::67|:443... cor
HTTP request sent, awaiting response... 200 OK
Length: 27246 (27K) [image/png]
Saving to: 'interdisciplinary.png'

interdisciplinary.p 100%[=====] 26.61K --.-KB/s in 0s

2020-11-15 12:23:23 (29.4 MB/s) - 'interdisciplinary.png' saved [27246/27246]

$ datalad save -m "Add another fun comic" interdisciplinary.png
add(ok): interdisciplinary.png (file)
save(ok): . (dataset)
action summary:
  add (ok: 1)
  save (ok: 1)
```

COLLABORATION!

COLLABORATION!

Optional: Configure a publication dependency to seafile

COLLABORATION!

Optional: Configure a publication dependency to seafile

With a publication dependency, `datalad push` pushes annexed data to seafile, and the rest to GitLab

COLLABORATION!

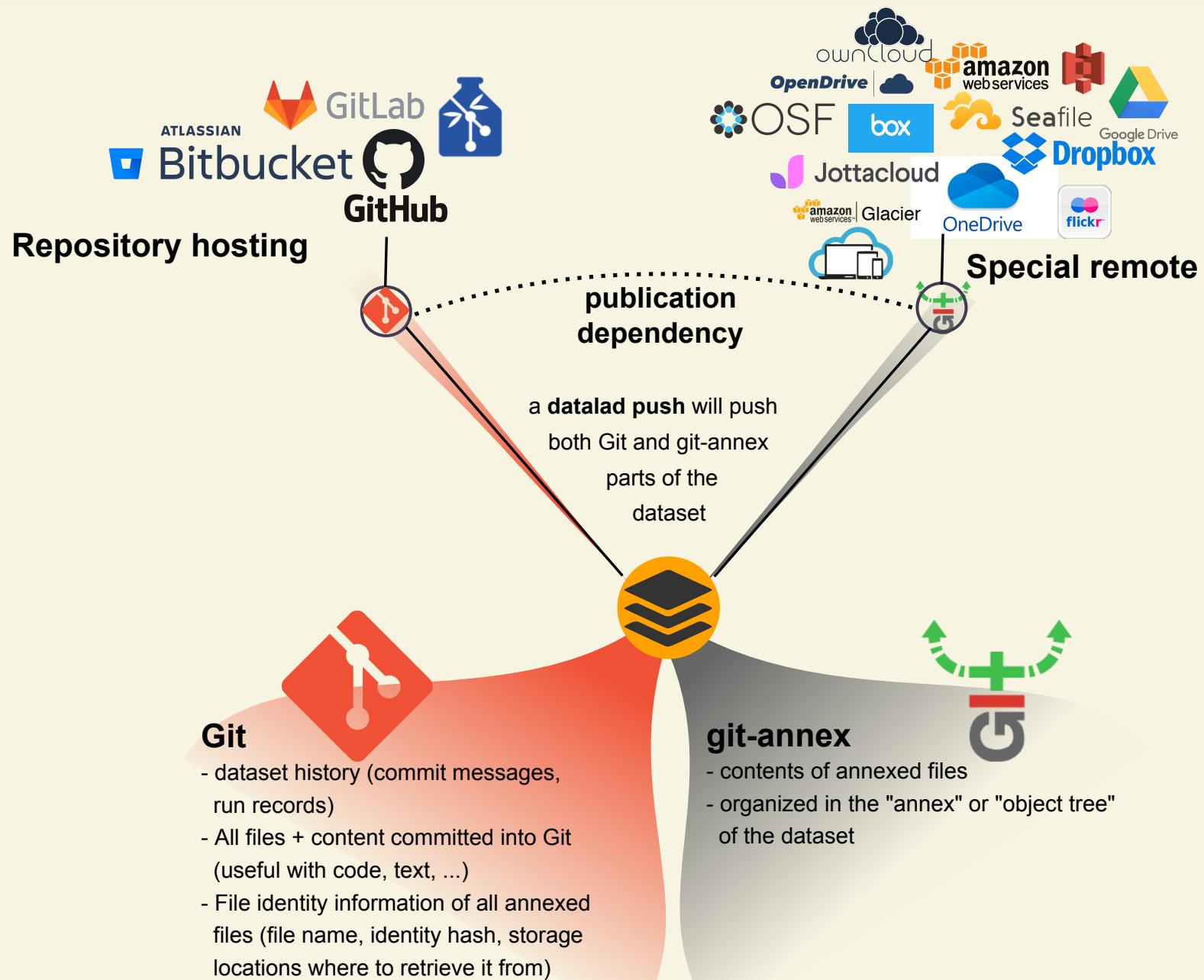
Optional: Configure a publication dependency to seafile

With a publication dependency, datalad push pushes annexed data to seafile, and the rest to GitLab

```
$ datalad siblings
.: here(+) [git]
.: origin(-) [https://git.mpib-berlin.mpg.de/wittkuhn/cartoon-collection.git (git)]
.: seafile(+) [rclone]
$ git config --local remote.origin.datalad-publish-depends seafile
```

This translates to: When pushing anything to the sibling/remote "origin", push changes to the sibling "seafile" first!

COLLABORATION!



COLLABORATION!

COLLABORATION!

Step 4: Push your change and create a merge request

COLLABORATION!

Step 4: Push your change and create a merge request

```
$ datalad push --to origin
Push to 'origin': 25%|██████| 1.00/4.00 [00:00<00:00, 11.6k Steps/s]
Username for 'https://git.mpib-berlin.mpg.de': adina.wagner
Password for 'https://adina.wagner@git.mpib-berlin.mpg.de':
copy(ok): interdisciplinary.png (file) [to seafile...]
Update availability for 'origin': 75%|█| 3.00/4.00 [00:00<00:00, 7.48k Steps/s]
Username for 'https://git.mpib-berlin.mpg.de': adina.wagner<00:01, 1.31 Steps/s]
Password for 'https://adina.wagner@git.mpib-berlin.mpg.de':
publish(ok): . (dataset) [refs/heads/git-annex->origin:refs/heads/git-annex 048e2c4.
publish(ok): . (dataset) [refs/heads/morecomics->origin:refs/heads/morecomics [new b
```

COLLABORATION!

Step 4: Push your change and create a merge request

COLLABORATION!

Step 4: Push your change and create a merge request

Lennart Wittkuhn > cartoon-collection > Details

You pushed to [morecomics](#) at [Lennart Wittkuhn / cartoon-collection](#) just now

[Create merge request](#)

C **cartoon-collection**  Project ID: 470 | [Leave project](#)

2 Commits 3 Branches 0 Tags 553 KB Files 553 KB Storage

master [+ +](#) cartoon-collection / History Find file Web IDE [Clone](#)

 add funny xkcd comic Lennart Wittkuhn authored 3 days ago [9c0588c5](#) 

No license. All rights reserved

Name	Last commit	Last update
.datalad	[DATALAD] new dataset	3 days ago
.gitattributes	[DATALAD] new dataset	3 days ago
compiling.png	add funny xkcd comic	3 days ago

COLLABORATION!

Step 4: Push your change and create a merge request

Lennart Wittkuhn > cartoon-collection > Merge Requests > New

New Merge Request

From `morecomics` into `master` [Change branches](#)

Title

Start the title with `Draft:` or `WIP:` to prevent a merge request that is a work in progress from being merged before it's ready.

Add [description templates](#) to help your contributors communicate effectively!

Description

[Write](#) [Preview](#)



I hereby propose this addition to our collaborative project - another fun ~~xkcd~~ comic!

Markdown and [quick actions](#) are supported

[Attach a file](#)

Assignee

[Assign to me](#)

Milestone

Labels

Merge options

Delete source branch when merge request is accepted.

Squash commits when merge request is accepted. [?](#)

[Submit merge request](#)

[Cancel](#)

Commits 1 Changes 1

15 Nov, 2020 1 commit



[Add another fun comic](#)

Adina Wagner authored 3 minutes ago

163e68d2



COLLABORATION!

Step 4: Push your change and create a merge request

Lennart Wittkuhn > cartoon-collection > Merge Requests > !1

Merged Opened 59 minutes ago by  Adina Wagner

Edit

Add another fun comic

Overview 2 Commits 1 Changes 1

I hereby propose this addition to our collaborative project - another fun xkcd comic!

 Request to merge morecomics  into master 

 Merge request approved. Approved by 

 Merged by  Lennart Wittkuhn 28 minutes ago  

The changes were merged into [master](#) with [8dbc4382](#) 

The source branch has been deleted

 0  0 

Oldest first

Show all activity



Lennart Wittkuhn @wittkuhn assigned to [@wittkuhn](#) 33 minutes ago



Lennart Wittkuhn @wittkuhn approved this merge request 33 minutes ago



Lennart Wittkuhn @wittkuhn · 28 minutes ago

Maintainer   

Thanks for your contribution [@adina.wagner](#)! This is a particularly funny xkcd comic and I am happy to add it to the collection!



Lennart Wittkuhn @wittkuhn merged 28 minutes ago



Lennart Wittkuhn @wittkuhn mentioned in commit [8dbc4382](#) 28 minutes ago

REVIEW THE MERGE REQUEST

REVIEW THE MERGE REQUEST

Get the branch with the new data / code / feature:

```
$ git fetch # fetch latest changes from 'origin' (here, GitLab)
$ git checkout morecomics # switch to the new branch that your collaborator created!
Branch 'morecomics' set up to track remote branch 'morecomics' from 'origin'.
Switched to a new branch 'morecomics'
```


REVIEW THE MERGE REQUEST

Get the branch with the new data / code / feature:

```
$ git fetch # fetch latest changes from 'origin' (here, GitLab)
$ git checkout morecomics # switch to the new branch that your collaborator created!
Branch 'morecomics' set up to track remote branch 'morecomics' from 'origin'.
Switched to a new branch 'morecomics'
```

Look at the new data / code / features on this branch:

```
$ ls
compiling.png      interdisciplinary.png
$ datalad get interdisciplinary.png
get(ok): interdisciplinary.png (file) [from seafile...]
```

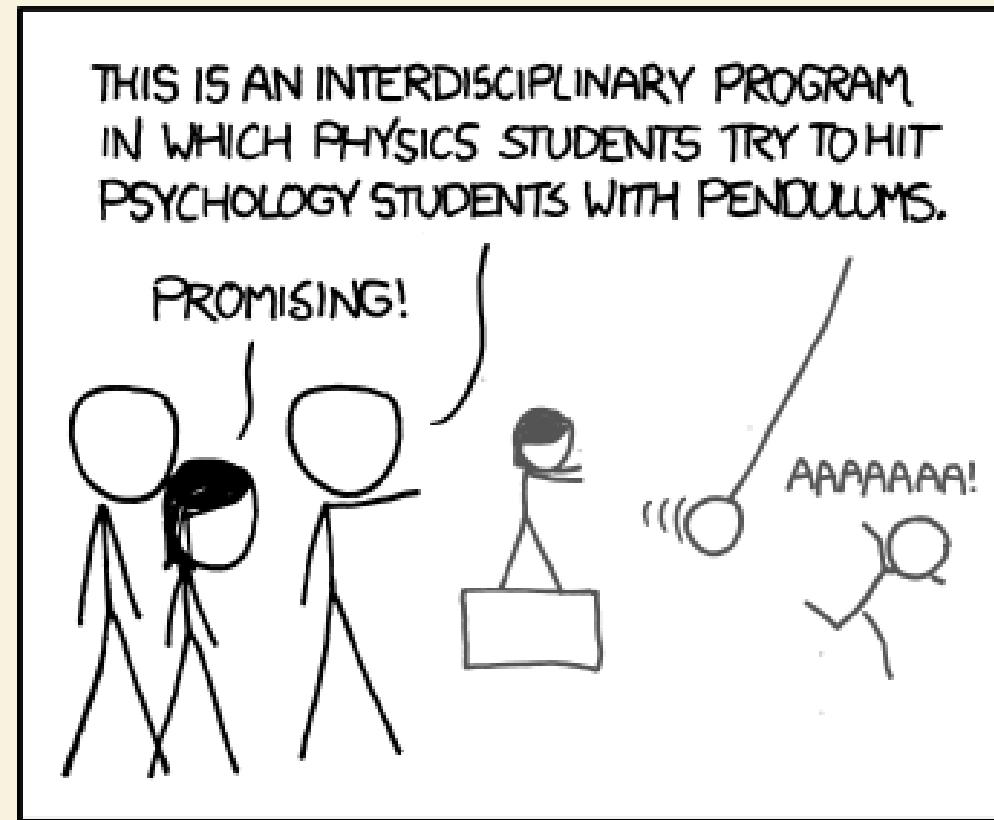

REVIEW THE MERGE REQUEST

Get the branch with the new data / code / feature:

```
$ git fetch # fetch latest changes from 'origin' (here, GitLab)
$ git checkout morecomics # switch to the new branch that your collaborator created!
Branch 'morecomics' set up to track remote branch 'morecomics' from 'origin'.
Switched to a new branch 'morecomics'
```

Look at the new data / code / features on this branch:

```
$ ls
compiling.png      interdisciplinary.png
$ datalad get interdisciplinary.png
get(ok): interdisciplinary.png (file) [from seafile...]
```



MY PROFESSORS HAD AN ONGOING COMPETITION
TO GET THE WEIRDEST THING TAKEN SERIOUSLY
UNDER THE LABEL "INTERDISCIPLINARY PROGRAM."

MERGE INTO THE MASTER BRANCH

Happy with the proposed changes? Merge into your master branch!

The image shows two side-by-side screenshots. On the left is a merge request approval interface from a platform like GitLab. It displays a message: "Merge request approved. Approved by Lennart Wittkuhn". Below this, it says "Merged by Lennart Wittkuhn 21 hours ago" with a "Revert" button and a "Cherry-pick" button. A note states "The changes were merged into master with 8dbc4382". The source branch has been deleted. There are like, dislike, and emoji buttons. Activity logs show assignments and approvals. A message from Lennart Wittkuhn thanks Adina Wagner for a contribution. On the right is a commit history page for the "cartoon-collection" repository. It shows commits from Lennart Wittkuhn on 15 Nov, 2020, including a merge branch into master, adding fun comics, and a new dataset. It also shows commits from Adina Wagner on 11 Nov, 2020, adding an xkcd comic.

```
$ git checkout master
$ datalad update --merge
$ ls
compiling.png      interdisciplinary.png
```

And look at the transparent commit history:

```
$ tig
2020-11-15 13:01 +0100 Lennart Wittkuhn M- [master] {origin/master} {gin/master} {origin/HEAD} Merge bran
2020-11-15 12:24 +0100 Adina Wagner   | o Add another fun comic
2020-11-11 14:04 +0100 Lennart Wittkuhn o- add funny xkcd comic
2020-11-11 14:03 +0100 Lennart Wittkuhn I [DATALAD] new dataset
```

Great! 🎉



But, *phewww*, isn't there an "easier" way?

PUBLISHING TO GIN

<https://gin.g-node.org/>

More details on dataset publishing to GIN can be found in the DataLad handbook:
<https://handbook.datalad.org/en/latest/basics/101-139-gin.html>

PUBLISHING TO GIN

<https://gin.g-node.org/>

We first create a new repository on the GIN website. Then ...

More details on dataset publishing to GIN can be found in the DataLad handbook:
<https://handbook.datalad.org/en/latest/basics/101-139-gin.html>

PUBLISHING TO GIN

<https://gin.g-node.org/>

We first create a new repository on the GIN website. Then ...

1. ... we add a new sibling for the GIN remote (use SSH!) 

```
$ datalad siblings add -s gin \
--url git@git.g-node.org:/lnnrtwttkhn/cartoon-collection.git
[INFO   ] Could not enable annex remote gin. This is expected if gin is a pure Git remote, or happens if i
[WARNING] Could not detect whether gin carries an annex. If gin is a pure Git remote, this is expected.
.: gin(-) [git@git.g-node.org:/lnnrtwttkhn/cartoon-collection.git (git)]
```

More details on dataset publishing to GIN can be found in the DataLad handbook:
<https://handbook.datalad.org/en/latest/basics/101-139-gin.html>

PUBLISHING TO GIN

<https://gin.g-node.org/>

We first create a new repository on the GIN website. Then ...

1. ... we add a new sibling for the GIN remote (use SSH!) 😕

```
$ datalad siblings add -s gin \
--url git@git.mpib-berlin.mpg.de:wittkuhn/cartoon-collection.git
[INFO    ] Could not enable annex remote gin. This is expected if gin is a pure Git remote, or happens if i
[WARNIN] Could not detect whether gin carries an annex. If gin is a pure Git remote, this is expected.
.: gin(-) [git@git.mpib-berlin.mpg.de:wittkuhn/cartoon-collection.git (git)]
```

2. ... we configure two publication dependencies 😔

```
$ datalad siblings configure -s origin \
--publish-depends seafile --publish-depends gin
[INFO    ] Configure additional publication dependency on "seafile"
[INFO    ] Configure additional publication dependency on "gin"
.: origin(-) [git@git.mpib-berlin.mpg.de:wittkuhn/cartoon-collection.git (git)]
```

More details on dataset publishing to GIN can be found in the DataLad handbook:
<https://handbook.datalad.org/en/latest/basics/101-139-gin.html>

PUBLISHING TO GIN

<https://gin.g-node.org/>

We first create a new repository on the GIN website. Then ...

1. ... we add a new sibling for the GIN remote (use SSH!) 😕

```
$ datalad siblings add -s gin \
--url git@git.mpib-berlin.mpg.de:wittkuhn/cartoon-collection.git
[INFO    ] Could not enable annex remote gin. This is expected if gin is a pure Git remote, or happens if i
[WARNING] Could not detect whether gin carries an annex. If gin is a pure Git remote, this is expected.
.: gin(-) [git@git.mpib-berlin.mpg.de:wittkuhn/cartoon-collection.git (git)]
```

2. ... we configure two publication dependencies 😬

```
$ datalad siblings configure -s origin \
--publish-depends seafile --publish-depends gin
[INFO    ] Configure additional publication dependency on "seafile"
[INFO    ] Configure additional publication dependency on "gin"
.: origin(-) [git@git.mpib-berlin.mpg.de:wittkuhn/cartoon-collection.git (git)]
```

3. ... and push content to all remotes at the same time! 😍

```
$ datalad push --to origin
publish(ok): . (dataset) [refs/heads/master->gin:refs/heads/master [new branch]]
Push to 'origin': 25%|██████████| 1.00/4.00 [00:10<00:31, 10.4s/ Steps]
Transfer data to 'seafile': 50%|██████████| 1.00/4.00 [00:08<00:08, 4.33s/ Steps]
Transfer data to 'gin': 25%|██████████| 1.00/4.00 [00:00<00:00, 10.5k Steps/s]
```

```
publish(ok): . (dataset) [refs/heads/master->gin:refs/heads/master [new branch]]
publish(ok): . (dataset) [refs/heads/git-annex->gin:refs/heads/git-annex [new branch]]
publish(ok): . (dataset) [refs/heads/git-annex->origin:refs/heads/git-annex 595f30a..62fe614]
```

More details on dataset publishing to GIN can be found in the DataLad handbook:
<https://handbook.datalad.org/en/latest/basics/101-139-gin.html>

"MY COLLABORATORS DON'T WANT TO DEAL WITH DATALAD"



"MY COLLABORATORS DON'T WANT TO DEAL WITH DATALAD" 😢

Don't worry, just let them download the dataset:

Innrtwttkhn / cartoon–collection

How to publish Add DataCite file

Unwatch 1 Star 0 Fork 0

Files Issues 0 Pull Requests 0 Wiki Settings

My cartoon collection

4 Commits 2 Branches 0 Releases

Branch: master cartoon–coll... New file Upload file GIN HTTPS SSH gin get Innrtwttkhn/cartoon

Lennart Wittkuhn 8dbc4382cd Merge branch 'morecomics' into 'master' 2 days ago

.datalad 87bcee8493 [DATALAD] new dataset 6 days ago

.gitattributes 87bcee8493 [DATALAD] new dataset 6 days ago

compiling.png 9c0588c5ff add funny xkcd comic 6 days ago

interdisciplinary.png 163e68d2ea Add another fun comic 2 days ago

Download repository archive

To download data without special tooling (e.g. git, git-annex or GIN) you can:

Download the small files and the file structure as an archive (.zip or .tar.gz). Annexed files (by default, files larger than 10 MB) will be included as pointer files (stubs) but the data will not be included. To get the content of the big files you need to download them individually from this web page.

Download the small files as a GIN archive (.gin.zip). This includes all the git information, including the history of the repository and the possibility to download the content of large files using git annex or the GIN client.

Download zip

Download tar.gz

Download GIN archive

"MY COLLABORATORS DON'T WANT TO DEAL WITH DATALAD"



Don't worry, just let them download the dataset:

The screenshot shows a GitHub repository page for 'Innrtwttkhn / cartoon-collection'. At the top right, there's a red annotation with the text 'download here' and a red arrow pointing to the 'GIN' download button. The 'GIN' button is highlighted with a red circle. Below the header, there are tabs for 'Files', 'Issues (0)', 'Pull Requests (0)', and 'Wiki'. Underneath these, it says 'My cartoon collection' with stats: '4 Commits', '2 Branches', and '0 Releases'. The commit history shows several commits related to DATALAD and file additions. The bottom of the screenshot shows the 'Download repository archive' section with three buttons: 'Download zip', 'Download tar.gz', and 'Download GIN archive'.

Download repository archive

To download data without special tooling (e.g. git, git-annex or GIN) you can:

Download the small files and the file structure as an archive (.zip or .tar.gz). Annexed files (by default, files larger than 10 MB) will be included as pointer files (stubs) but the data will not be included. To get the content of the big files you need to download them individually from this web page.

Download the small files as a GIN archive (.gin.zip). This includes all the git information, including the history of the repository and the possibility to download the content of large files using git annex or the GIN client.

[Download zip](#)

[Download tar.gz](#)

[Download GIN archive](#)

But tell them they are missing out on learning an awesome tool! 😜 (Admittedly, if you publish publicly, not everyone will consume your dataset through DataLad, so the

download option is nice to have!)

COLLABORATION!

OVERVIEW OF A TYPICAL COLLABORATIVE WORKFLOW:

Optional: Create an issue

It is good practice to let your collaborators know what you are working on. Creating an issue on GitLab is a good way to give them a heads-up and discuss plans

Step 1: Create a new branch in your dataset

It is good practice to develop a new feature/data point/code in a new branch

Step 2: Make a change, and save it

Step 3: (optional) Configure a publication dependency

With a publication dependency, `datalad push` pushes annexed data to a special remote, and the rest to GitLab

Step 4: Push your change and create a merge request