



My experience as a first-time contributor to CLI for Microsoft 365

Nico De Cleyre

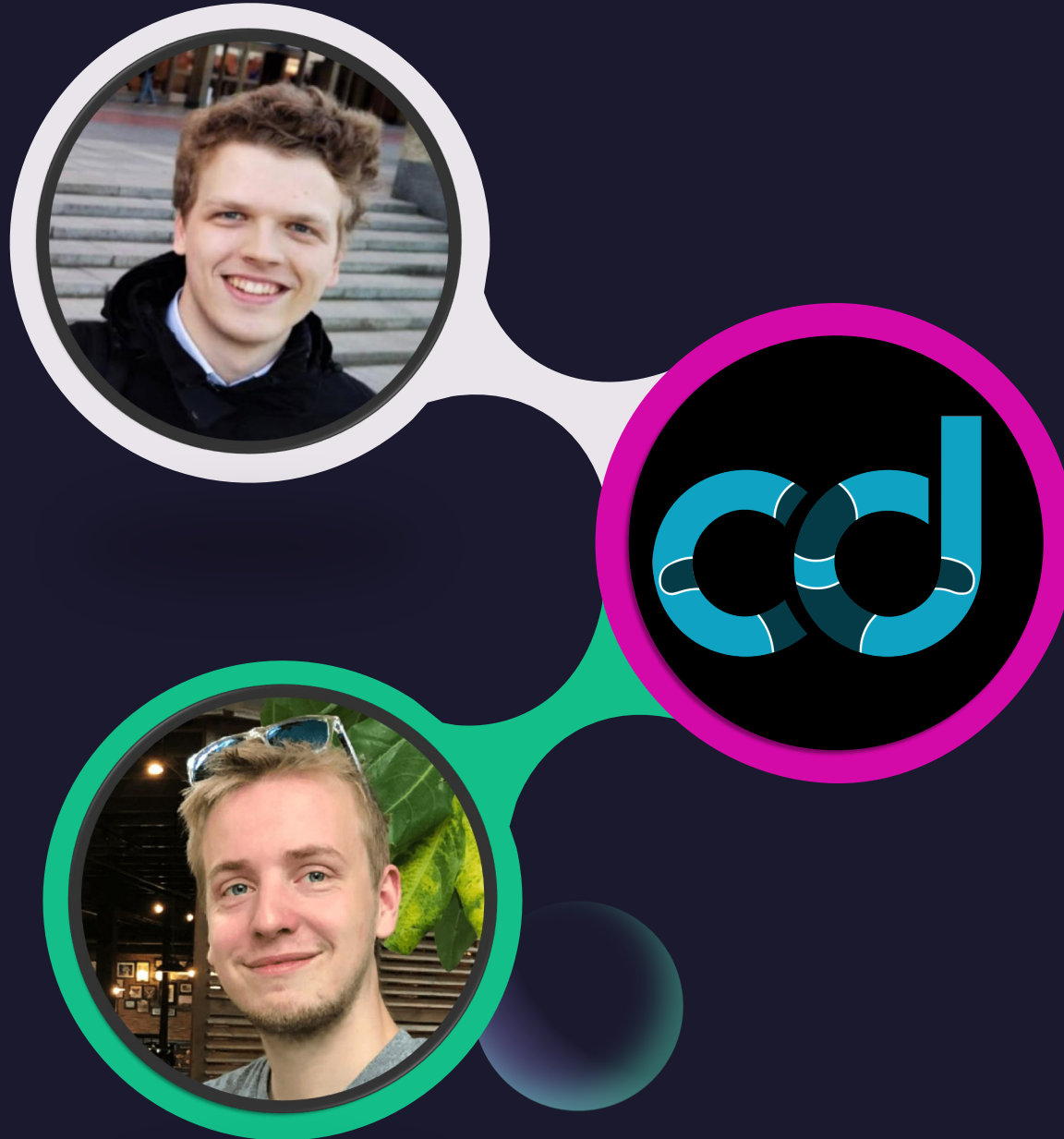


About me

- Nico De Cleyre
- 12 years experience
- Working for Ordina Belgium
- Developer
 - Started backend
 - Since 2018 more client side
- <https://www.nicodecleyre.com>

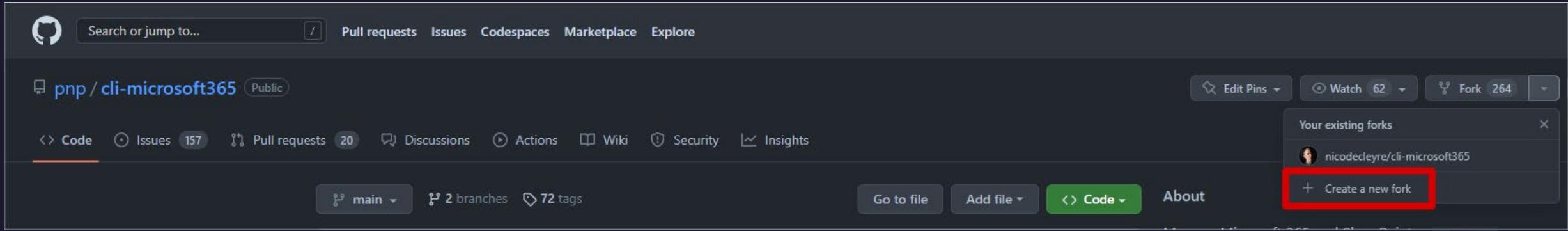


How it started



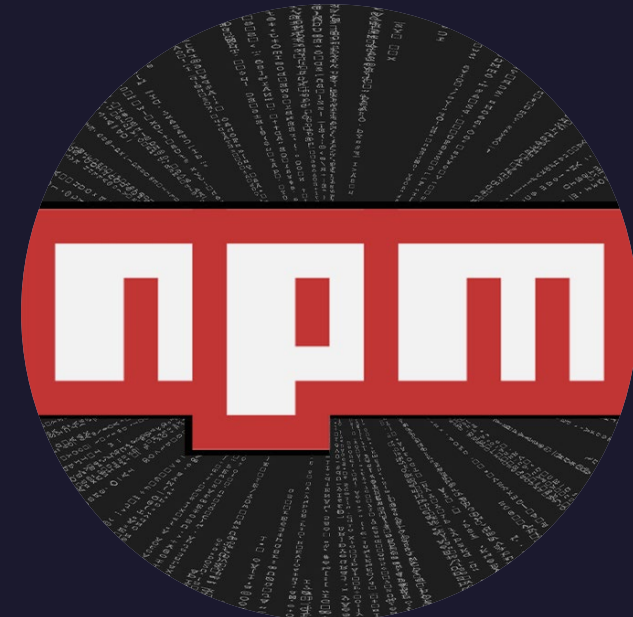
Create your local playground

- Create your fork



Create your local playground

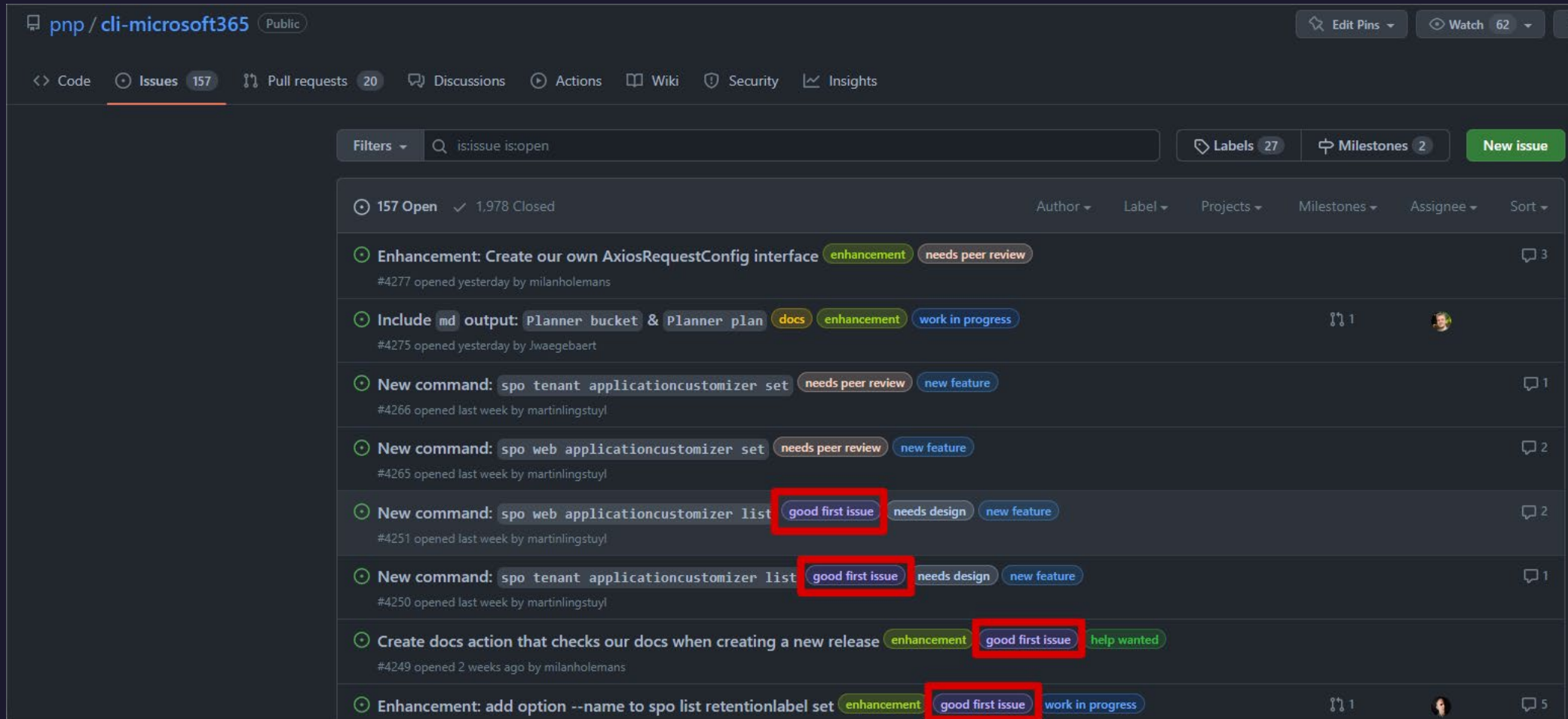
- `git clone *fork uri*`
- `npm install`
 - Node.js@16
 - npm@8
- `npm run build`
- `npm link`



Where to start



Where to start?



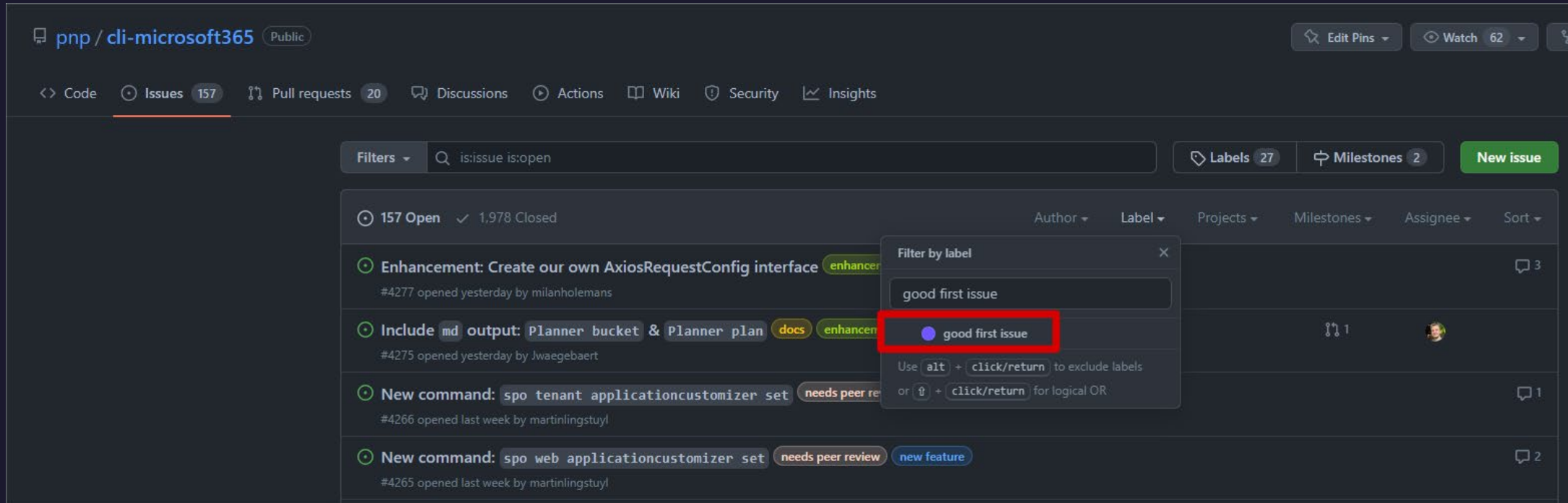
The screenshot displays the GitHub interface for the repository `pnp/cli-microsoft365`. The 'Issues' tab is selected, showing 157 open issues. The search bar contains the query `is:issue is:open`. The issues list includes the following entries:

- Enhancement: Create our own AxiosRequestConfig interface** (enhancement, needs peer review) - #4277, opened yesterday by milanholemans.
- Include md output: Planner bucket & Planner plan** (docs, enhancement, work in progress) - #4275, opened yesterday by Jwaagebaert.
- New command: spo tenant applicationcustomizer set** (needs peer review, new feature) - #4266, opened last week by martinlingstuyt.
- New command: spo web applicationcustomizer set** (needs peer review, new feature) - #4265, opened last week by martinlingstuyt.
- New command: spo web applicationcustomizer list** (good first issue, needs design, new feature) - #4251, opened last week by martinlingstuyt.
- New command: spo tenant applicationcustomizer list** (good first issue, needs design, new feature) - #4250, opened last week by martinlingstuyt.
- Create docs action that checks our docs when creating a new release** (enhancement, good first issue, help wanted) - #4249, opened 2 weeks ago by milanholemans.
- Enhancement: add option --name to spo list retentionlabel set** (enhancement, good first issue, work in progress) - #4248, opened 2 weeks ago by milanholemans.

Red boxes highlight the 'good first issue' label on the following issues:

- `spo web applicationcustomizer list` (#4251)
- `spo tenant applicationcustomizer list` (#4250)
- `Create docs action that checks our docs when creating a new release` (#4249)
- `add option --name to spo list retentionlabel set` (#4248)

Where to start?

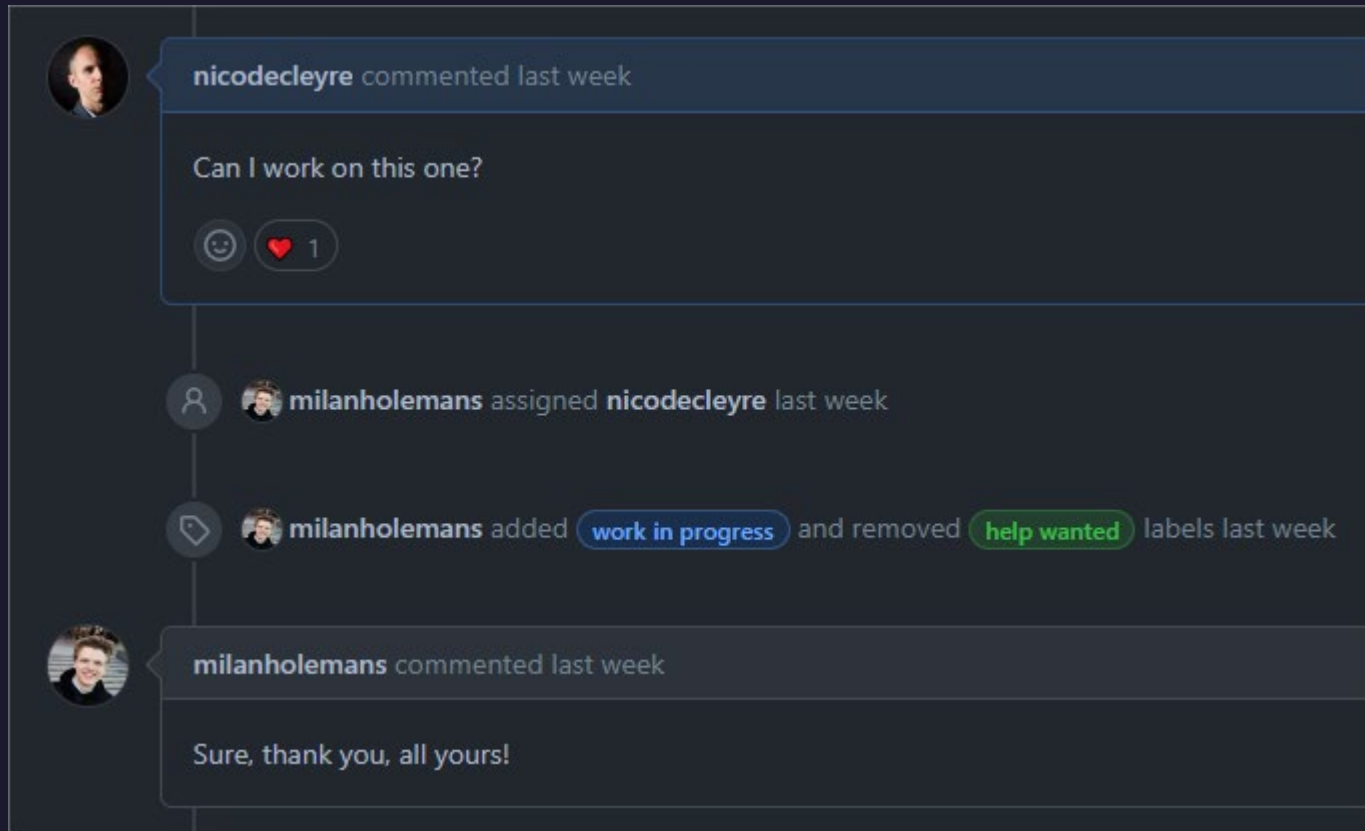



The screenshot shows the GitHub interface for the repository `pnp / cli-microsoft365`. The 'Issues' tab is selected, showing 157 open issues and 1,978 closed issues. A search filter `is:issue is:open` is applied. A list of issues is displayed, including:

- Enhancement: Create our own AxiosRequestConfig interface** (enhancement) #4277 opened yesterday by milanholemans (3 comments)
- Include md output: Planner bucket & Planner plan** (docs, enhancement) #4275 opened yesterday by Jwaegebaert (1 comment)
- New command: spo tenant applicationcustomizer set** (needs peer review) #4266 opened last week by martinlingstuyt (1 comment)
- New command: spo web applicationcustomizer set** (needs peer review, new feature) #4265 opened last week by martinlingstuyt (2 comments)



A 'Filter by label' dropdown menu is open, showing the 'good first issue' label selected and highlighted with a red box. The menu also includes instructions: 'Use alt + click/return to exclude labels' and 'or ⌘ + click/return for logical OR'.



Where to start?






 **nicodecleyre** commented last week

Can I work on this one?

  1

  **milanholemans** assigned **nicodecleyre** last week

  **milanholemans** added **work in progress** and removed **help wanted** labels last week

 **milanholemans** commented last week

Sure, thank you, all yours!

Meet the team



Adam Wójcik



**Albert-Jan
Schot**



Arjun Menon



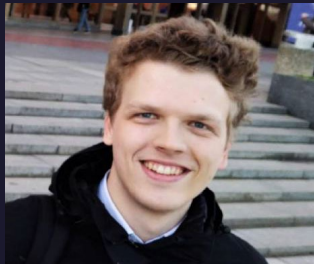
Garry Trinder



**Jasey
Waagebaert**



**Martin
Lingstuyl**



**Milan
Holemans**



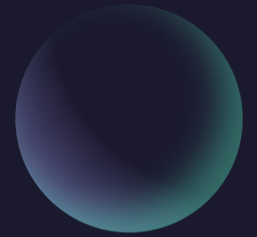
**Patrick
Lamber**



**Rabia
Williams**



**Waldek
Mastykarz**



Type of issues

- New command
- Enhancement
- Solve a bug
- New script



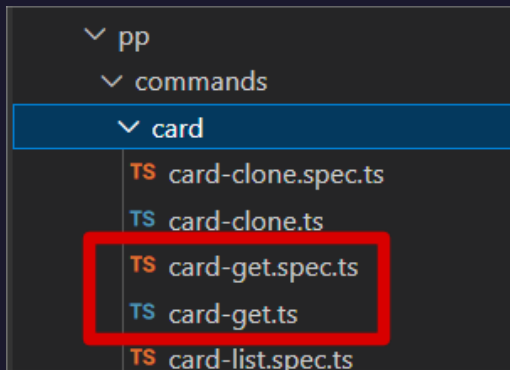
Once the first command was done and I got my first PR approved it did trigger a sort of addicting spark. So, I ended up signing on for another one immediately.



ALBERT JAN-SCHOT



How to write your first command?



```
public async commandAction(logger: Logger, args: CommandArgs): Promise<void> {
```

```
- Power Platform (pp):  
  - card:  
    - card clone: cmd/pp/card/card-clone.md  
    - card get: cmd/pp/card/card-get.md  
    - card list: cmd/pp/card/card-list.md  
    - card remove: cmd/pp/card/card-remove.md
```

.ts & .spec

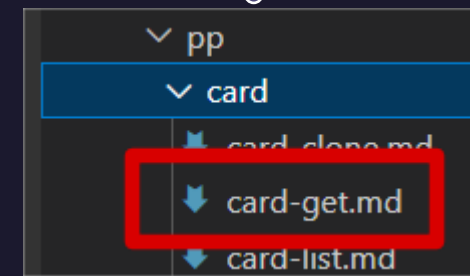
Command file

CommandAction

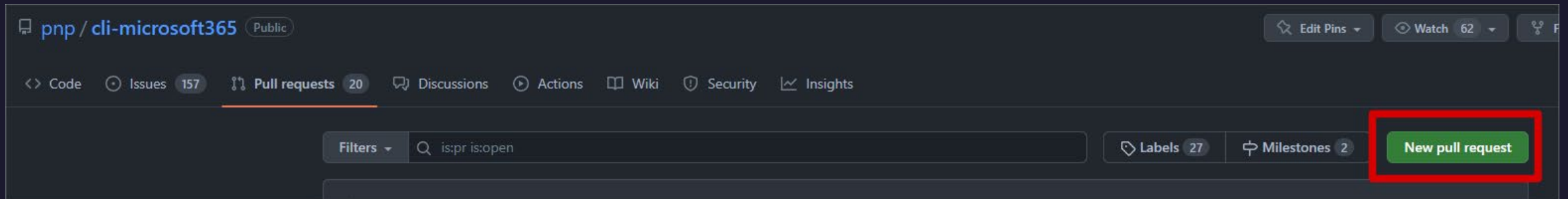
Documentation

mkdocs.yml

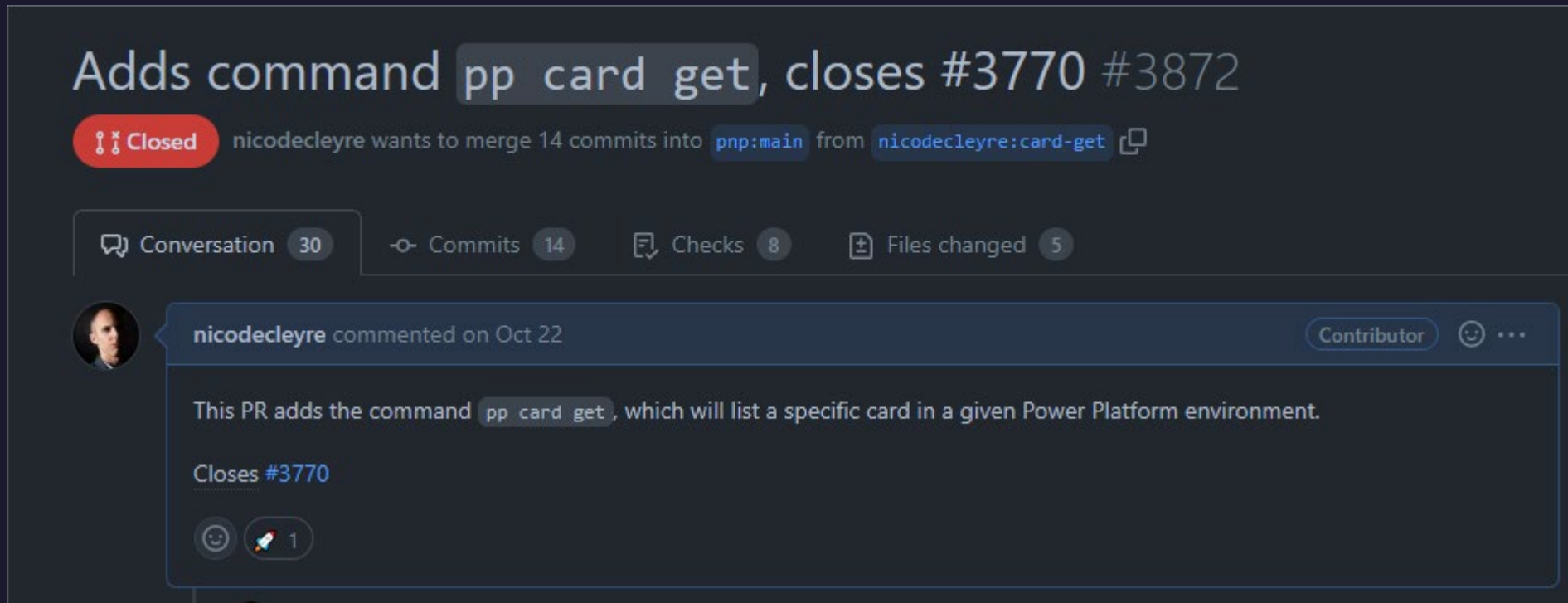
```
constructor() {  
  super();  
  
  this.#initTelemetry();  
  this.#initOptions();  
  this.#initValidators();  
  this.#initOptionSets();  
}
```



Create your first pull request



Create your first pull request



The screenshot shows a GitHub Pull Request (PR) titled "Adds command `pp card get`, closes #3770 #3872". The PR is in a "Closed" state, indicated by a red label with a lock icon. It shows that the user `nicodecleyre` wants to merge 14 commits into `pnpm:main` from `nicodecleyre:card-get`. Below the title, there are tabs for "Conversation" (30), "Commits" (14), "Checks" (8), and "Files changed" (5). A comment from `nicodecleyre` dated Oct 22 is visible, stating: "This PR adds the command `pp card get`, which will list a specific card in a given Power Platform environment. Closes #3770". The comment has a "Contributor" label and a "1" next to a rocket icon, indicating one approval.

Adds command `pp card get`, closes #3770 #3872

Closed nicodecleyre wants to merge 14 commits into `pnpm:main` from `nicodecleyre:card-get`

Conversation 30 Commits 14 Checks 8 Files changed 5

nicodecleyre commented on Oct 22 Contributor

This PR adds the command `pp card get`, which will list a specific card in a given Power Platform environment.


Closes #3770

1




Tell me and I forget,
Teach me and I may remember,
Involve me and I learn.

BENJAMIN FRANKLIN




appieshot commented on Nov 1

Member Author  ...


@nicodecleyre did you by any change play around with the dataverse api's to work with table rows already? So far I figured out we need to:

- get default columns
- query to get items based on those columns with xml
- present results

Wonder if I am missing anything there..



nicodecleyre commented on Nov 1

Contributor  ...

@nicodecleyre did you by any change play around with the dataverse api's to work with table rows already? So far I figured out we need to:

- get default columns
- query to get items based on those columns with xml
- present results

Wonder if I am missing anything there..

No, not yet. But i can do soms research on it!

Thank You

<https://github.com/pnp/cli-microsoft365>

<https://pnp.github.io/cli-microsoft365>

