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

Nico De Cleyre
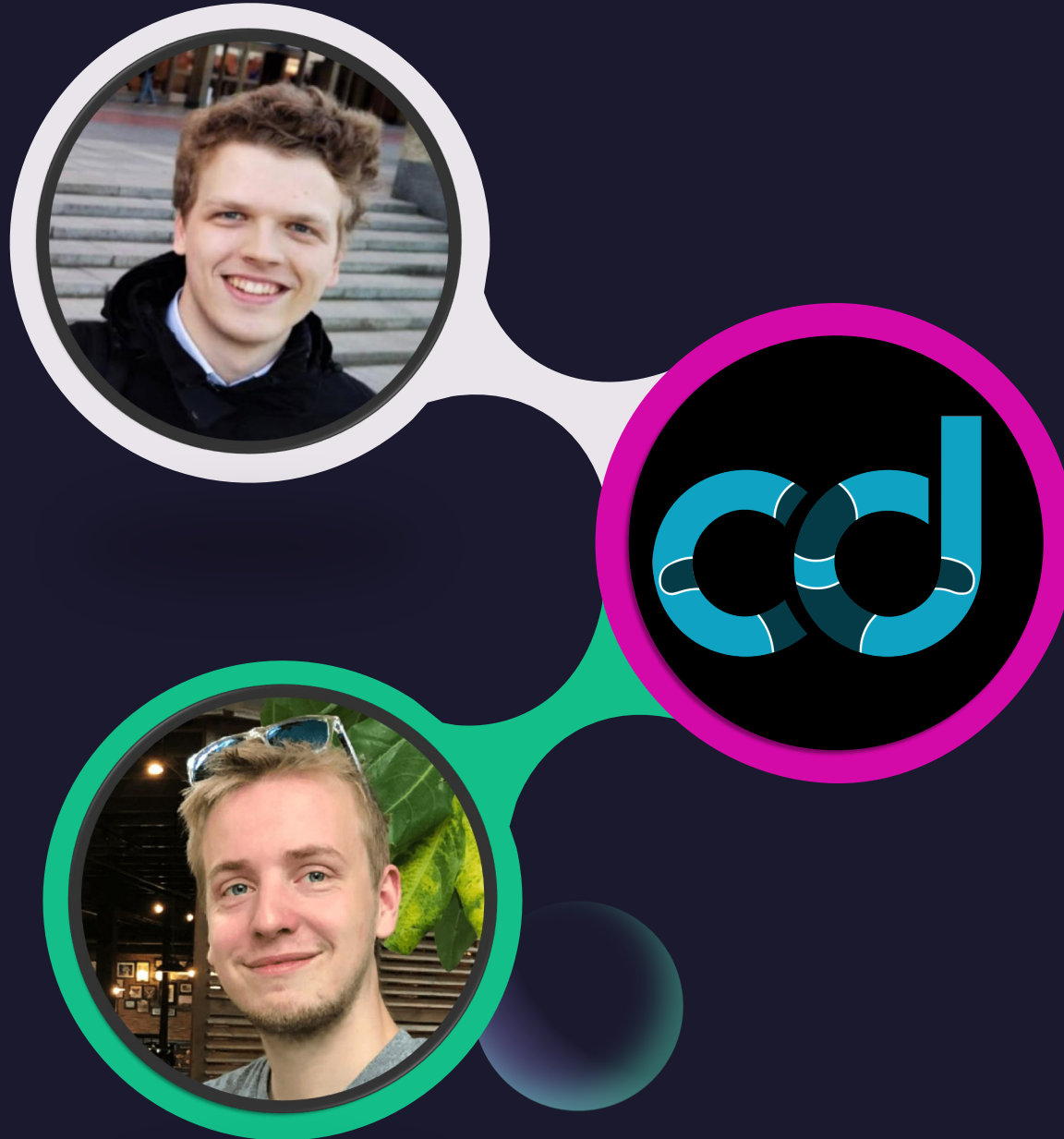
About me

- Nico De Cleyre

- 12 years experience

- Working for Ordina Belgium

- Developer
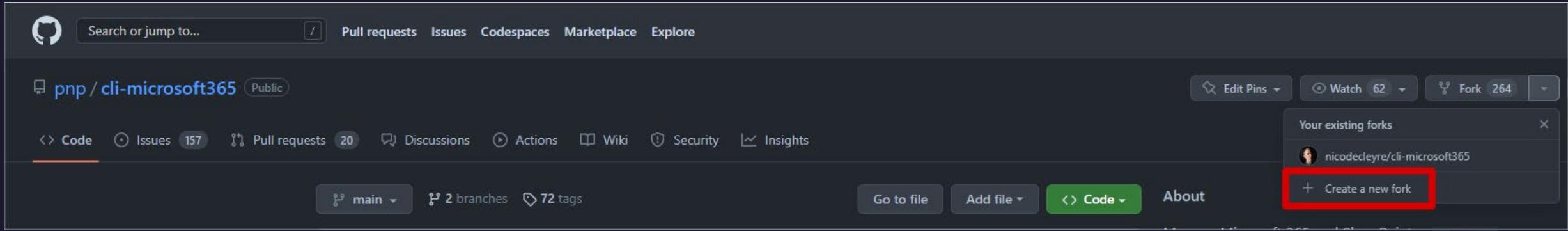   - Started backend
    - Since 2018 more client side

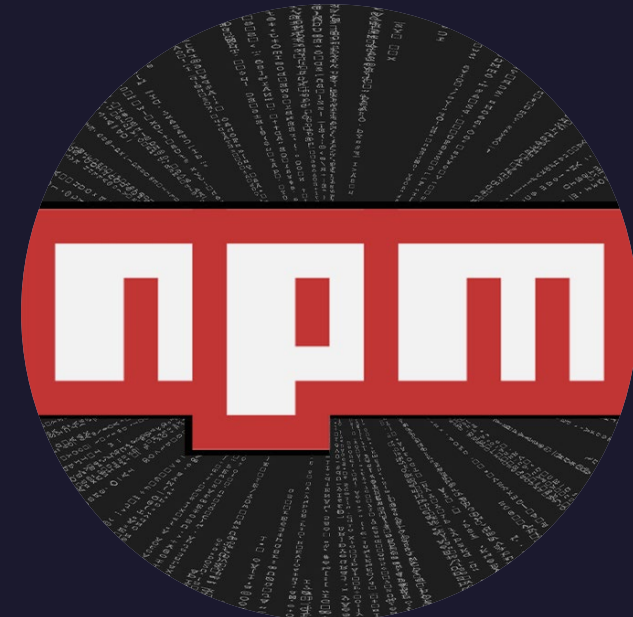- https://www.nicodecleyre.com

How it started

Create your local playground
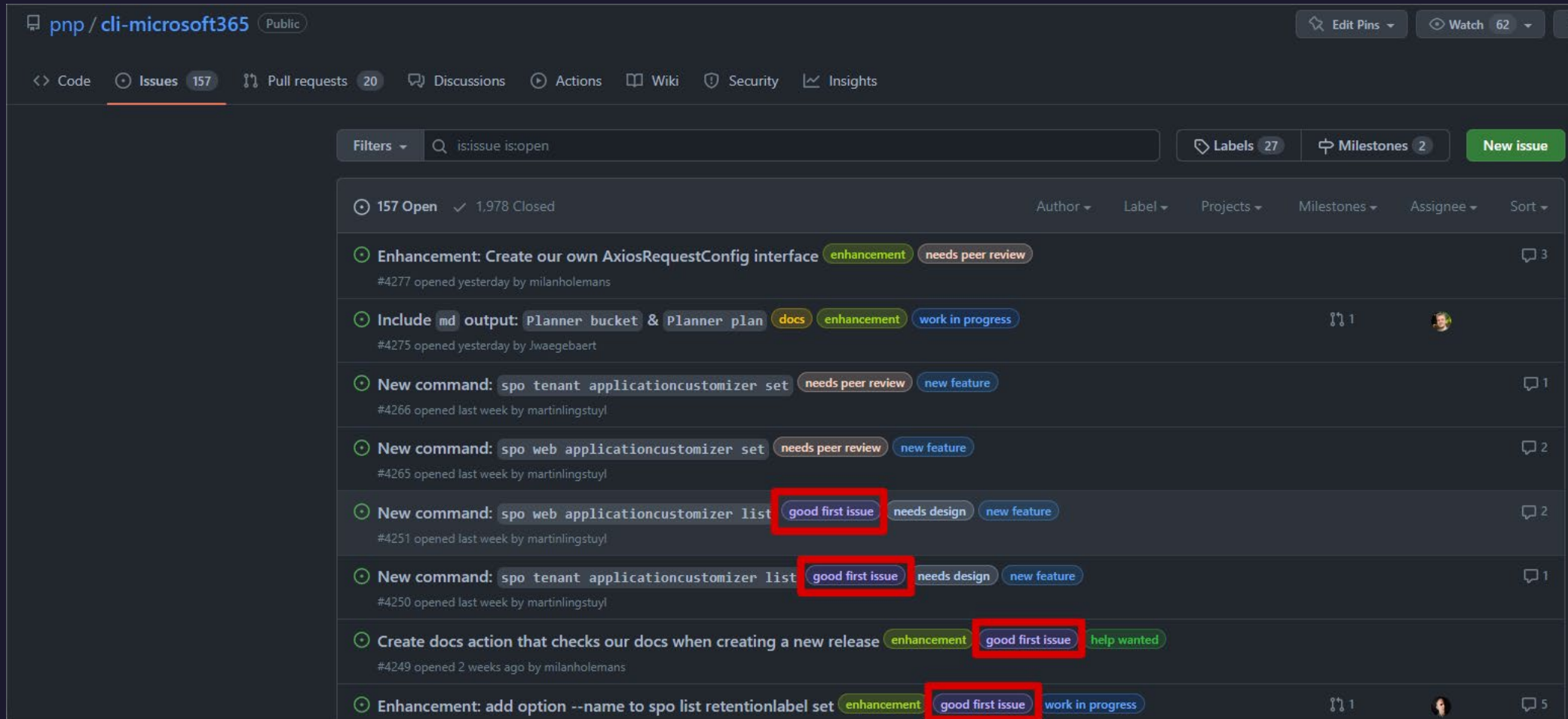
- Create your fork

Create your local playground

- git clone *fork uri*

- npm install

  - Node.js@16

  - npm@8

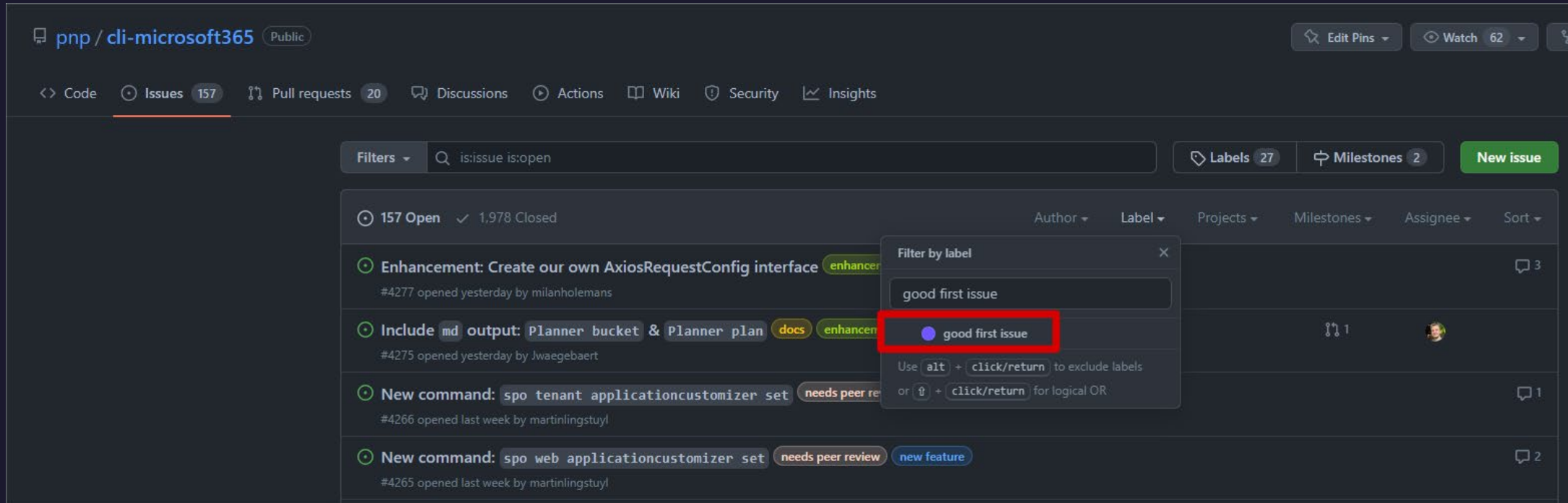- npm run build

- npm link

Where to start

Where to start?

Where to start?

Where to start?

Meet the team

Adam Wójcik

Albert-Jan Schot

Arjun Menon

Garry Trinder

Jasey Waegebaert

Martin Lingstuyl
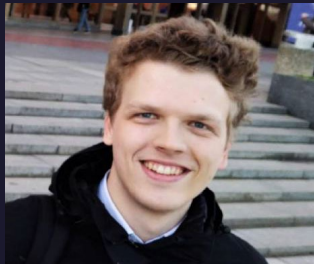
Milan Holemans

Patrick Lamber

Rabia Williams

Waldek Mastykarz
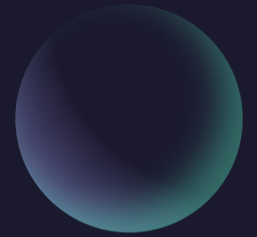
Type of issues

- 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> {
```

```
∨ pp
  ∨ commands
    ∨ card
      TS card-clone.spec.ts
      TS card-clone.ts
      TS card-get.spec.ts
      TS card-get.ts
      TS card-list.spec.ts
```

```
- 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
```
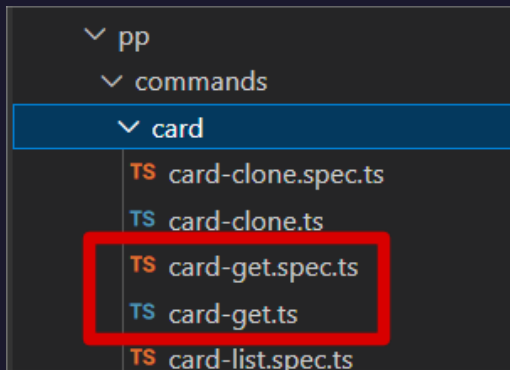
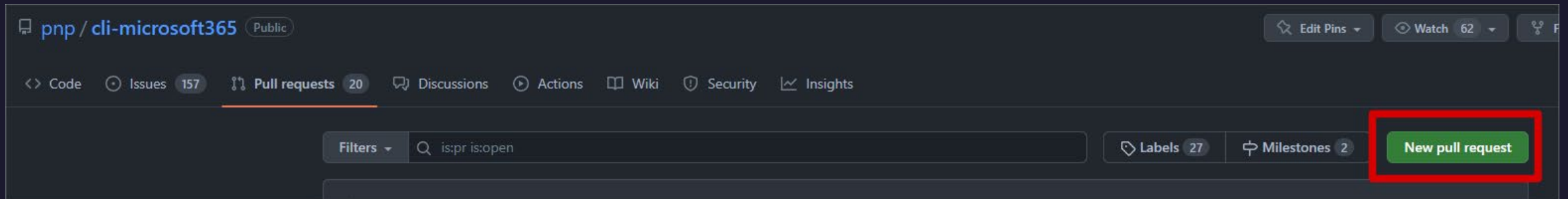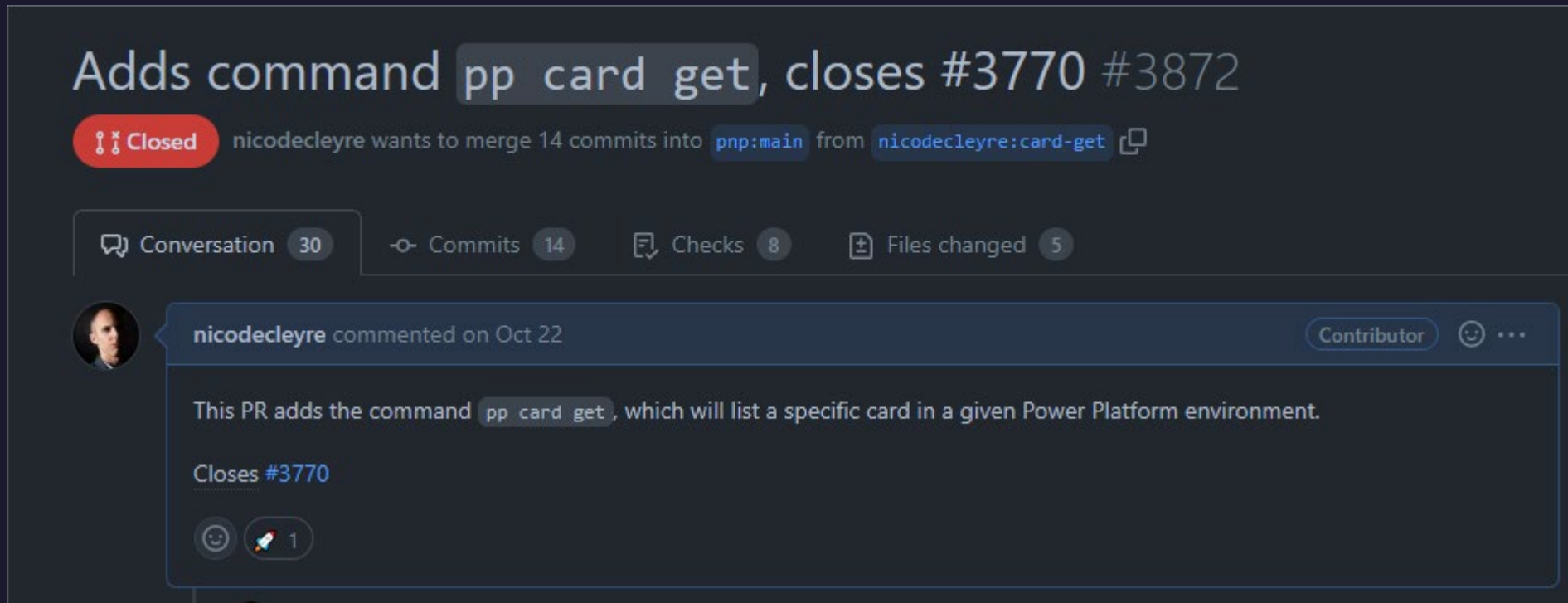| .ts & .spec	Command file	CommandAction	Documentation	mkdocs.yml

```
constructor() {
  super();

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

```
∨ pp
  ∨ card
    ⬇ card-clone.md
    ⬇ card-get.md
    ⬇ card-list.md
```

Create your first pull request

Create your first pull request

> **Tell me and I forget,**
> **Teach me and I may remember,**
> **Involve me and I learn.**
>
> BENJAMIN FRANKLIN

appieschot 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)

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- 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

discord.com/invite/7rfW4kg6B5