Microsoft

aka.ms/m365pnp

# Viva Connections & SharePoint Framework Bi-weekly sync

September 8th, 2022

Microsoft 365 PnP Team

# Agenda

- Latest update on the SharePoint Framework
- Patterns and Practices Updates
  - PnPjs
  - CLI for Microsoft 365
  - Reusable PnP SPFx controls
- New Community Samples
- Picture time with Together Mode!
- Demos
  - **Ejaz Hussain** – Getting started with SPFx form customizer
  - **Hugo Bernier** – Building SPFx solution with Azure Communication Services integration

# Opportunities to Participate in PnP SPFx / JS SIG

## SPFx Demo

- Web Part
- Application Customizer
- Provisioning
- Anything you create!

## @pnp Demo

- PnPjs
- CLI for Microsoft 365
- SPFx Reusable Controls
- SPFx Community Yeoman

## Contribute on GitHub

- Report Issues
- Submit Pull Requests
- Help with issues/questions

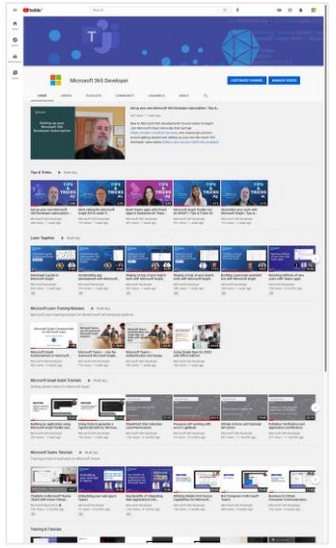
## Provide Feedback

- How are the calls?
- Documentation needs?
- Where can we help?
- Positive is OK too!

Great opportunity to get visibility for you or your company. Demo sample or explain how you extend or customize SharePoint Online with live demo in your projects. Reach out to team for volunteering.

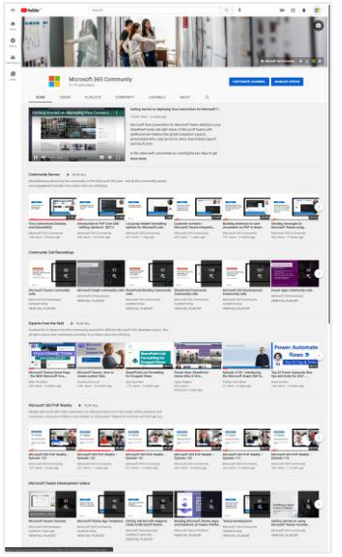
Request a demo spot on the call
https://aka.ms/m365pnp/request/demo

## Microsoft 365 developer videos



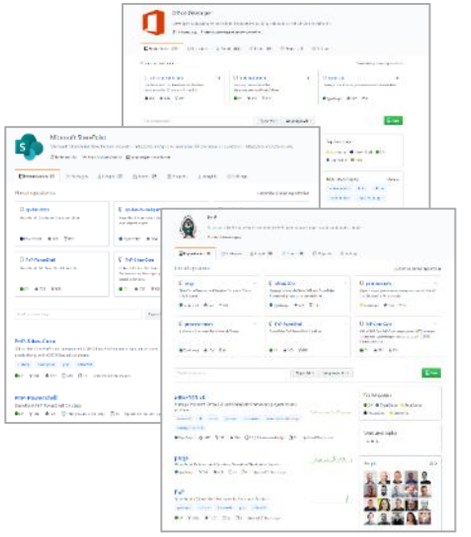
aka.ms/m365devyoutube

## Microsoft 365 community videos



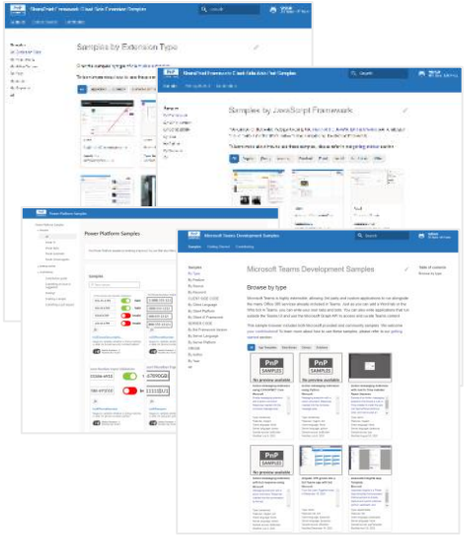
aka.ms/m365/videos

## Open-source



github.com/pnp
github.com/officedev
github.com/microsoftgraph
github.com/sharepoint
github.com/OneDrive

## Sample galleries



aka.ms/m365/samples
aka.ms/teams-samples
aka.ms/spfx-webparts
aka.ms/spfx-aces
aka.ms/powerplatform-samples
aka.ms/spfx-extensions
aka.ms/list-formatting

## Open-source initiatives and samples

**aka.ms/m365/community**

# Microsoft 365 developer community calls

Microsoft 365 platform (weekly) https://aka.ms/m365-dev-call

(Notice. This call is **on a summer break** between July 1st and 31st of August 2022 – back on 6th of September)

| | |
|---|---|
| Adaptive Cards | https://aka.ms/adaptivecardscommunitycall |
| Microsoft identity platform | https://aka.ms/IDDevCommunityCalendar |
| Office Add-ins | https://aka.ms/officeaddinscommunitycall |
| Power Platform | https://aka.ms/PowerPlatformCommunityCall |
| Microsoft 365 and Power Platform community (bi-weekly) | https://aka.ms/m365-dev-sig |
| Viva Connections & SharePoint Framework (bi-weekly) | https://aka.ms/spfx-call |

Download recurrent invites from

**https://aka.ms/m365/calls**

AGENDA

# Microsoft 365 platform call 13th of September @ 8 AM PT

Weekly call with Microsoft presenters covering the latest Microsoft 365 platform updates

Download recurrent invite from https://aka.ms/m365-dev-call

- Latest news from Microsoft engineering on Microsoft 365 topics
- Monthly community contributors
- Community together mode group photo

- **Rabeb Othmani** - Microsoft Graph Postman - Scripts and advanced functionality
- **Ayca Bas -** Build productivity tabs with Microsoft Teams Toolkit for Visual Studio
- **Bob German -** Introduction to app camp

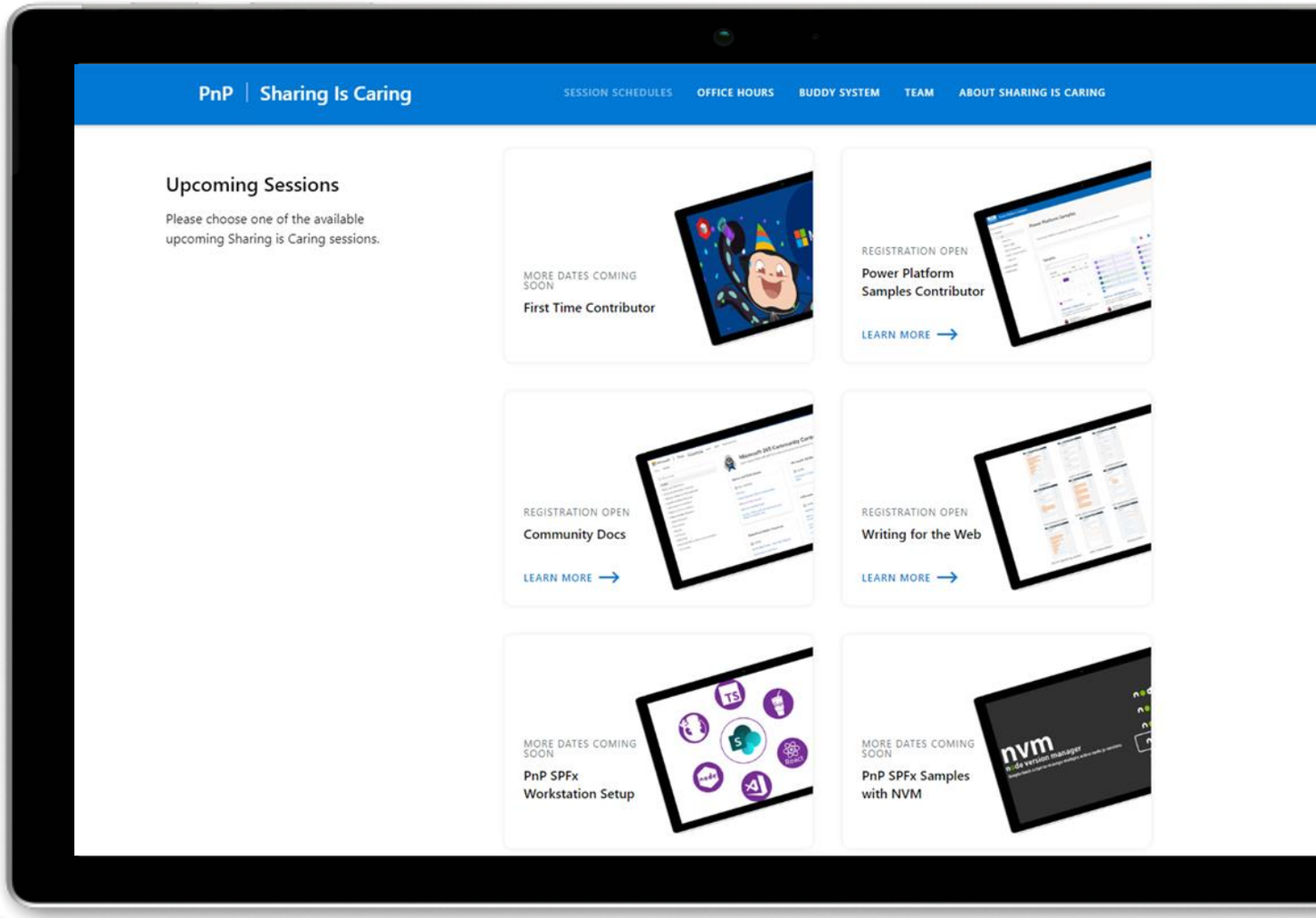
Microsoft

# GUIDANCE

## Learn how to get started in the open-source PnP community!

Upcoming Sessions:

- First-time contributor
- Community docs
- **Writing for the Web**
- Using PnP SPFx samples w/ NVM
- SPFx developer workstation setup
- More than code with VS Code
- First-time presenter
- M365 Maturity Model Practitioners




Power Platform Conference Session

- **Power Platform Samples Contributor**

https://aka.ms/sharing-is-caring

# COMMUNITY

# Recognition Program

- Showcase your contributions
- Powered by Credly
- More achievement levels coming soon

https://aka.ms/m365pnp-recognition

# SharePoint Framework

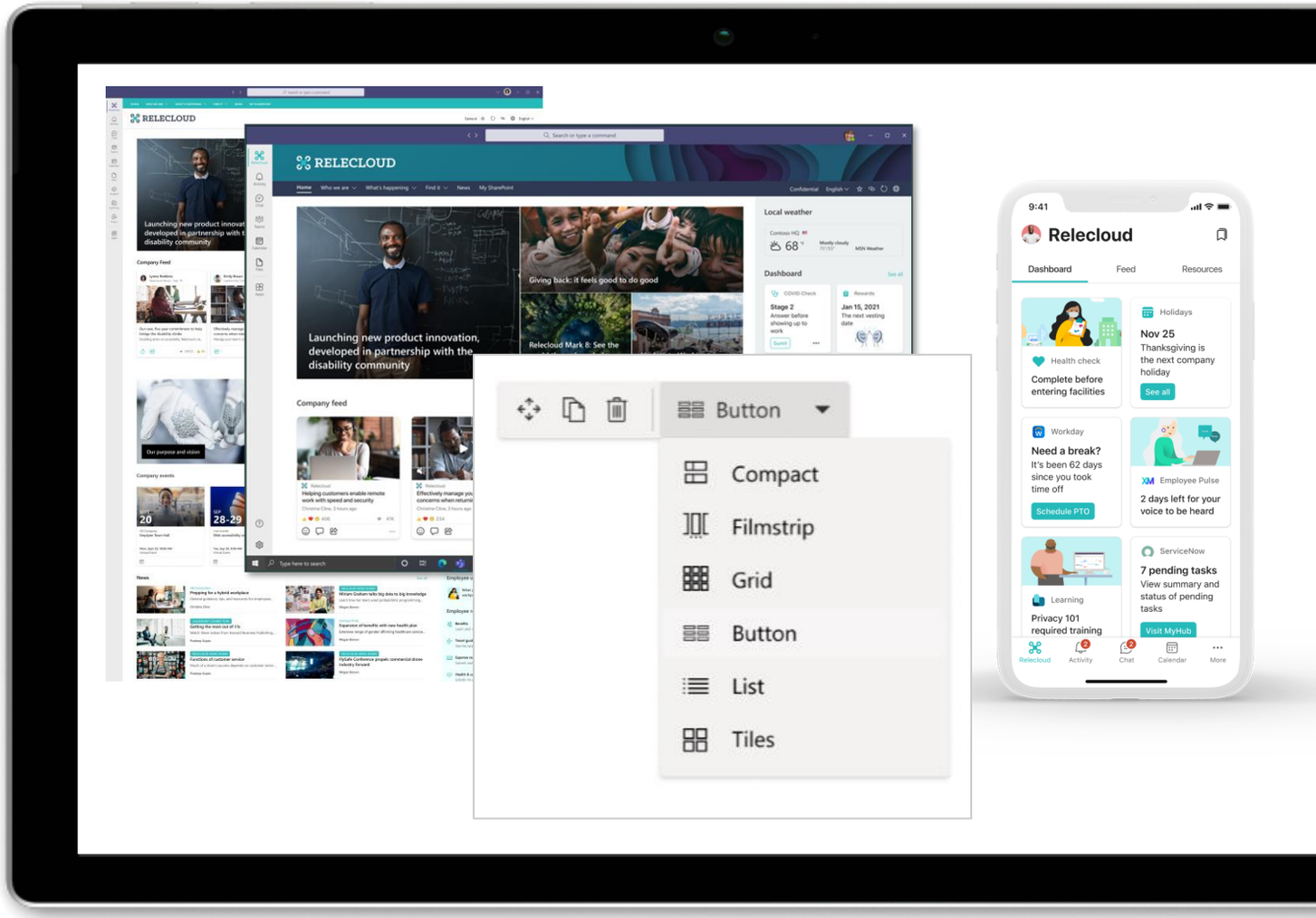
## Latest from Microsoft engineering for Microsoft Viva, Microsoft Teams and SharePoint extensibility

PREVIEW

# SharePoint Framework 1.16 public developer preview!

Preview on the upcoming SharePoint Framework version now available with updated features for Microsoft Teams, Microsoft Viva and SharePoint Online

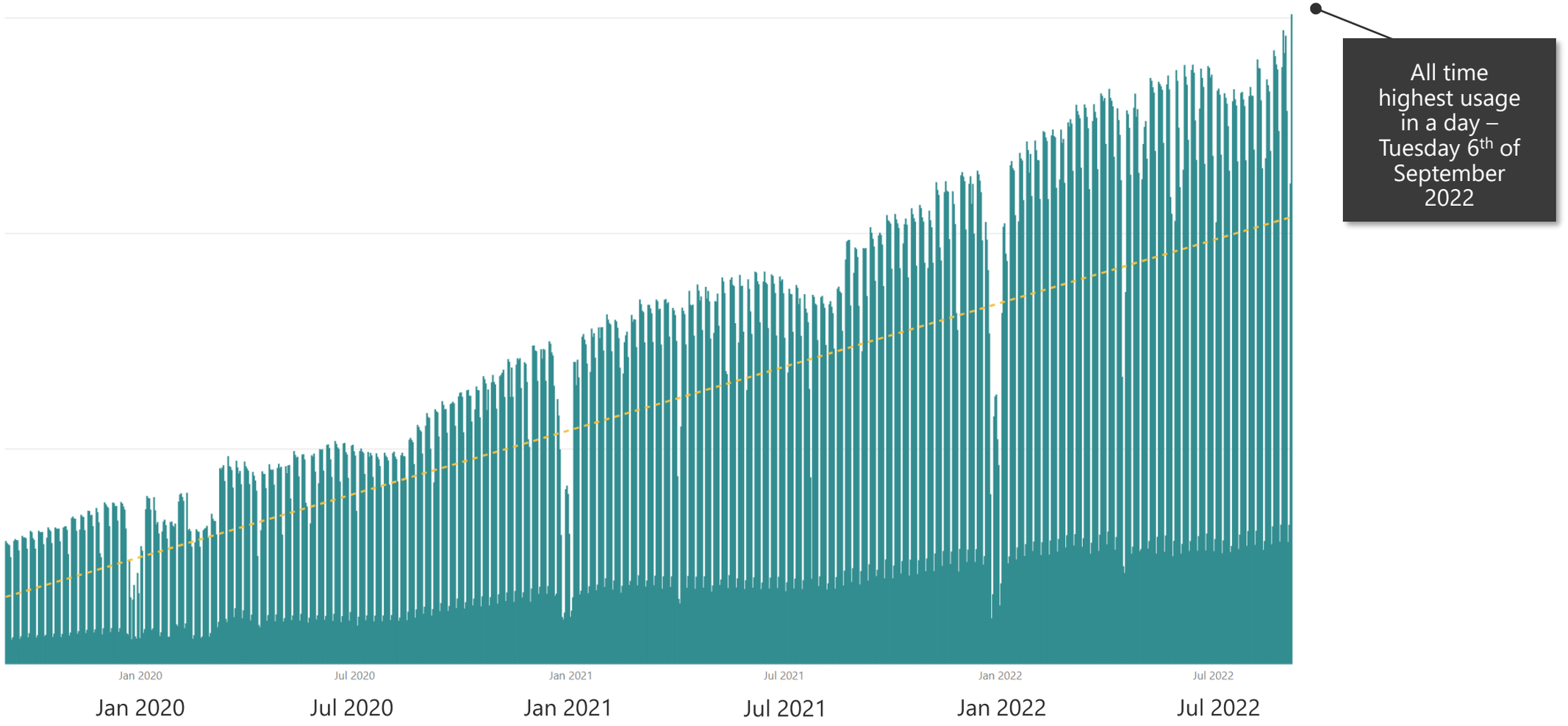
npm install -g @microsoft/generator-sharepoint@next




Microsoft

# Rolling 28 days active users (MAU) for custom SharePoint Framework components in M365

There are currently tens of millions of monthly active users for customer and partner created SharePoint Framework components in Microsoft 365



# The Road Ahead – SPFx roadmap

- **1.15.2 – Released in August – latest in prod version**
  - Enable Service Principal Registration in app acquisition flow
  - New media action type for Viva Connections
  - ESLint support update based on community feedback
  - Bug fixes and adjustments based on GitHub issues

- **1.16 preview released week ago**
  - Teams JavaScript SDK v2 native support in SPFx solutions – rolling out also to existing solution
  - Asynchronous support for Viva Connections ACEs rendering
  - New Top Actions support for web parts - Top Actions allow developers to add custom actions to web part's command bar. The feature is like property pane controls but based on cleaner UI approach.
  - … and more… 🚀

- **1.16 General Availability in by end of 2022**
- **1.17 ETA in December/January**

and more across Microsoft Viva, Microsoft Teams and SharePoint

# PnPjs Client-Side Libraries

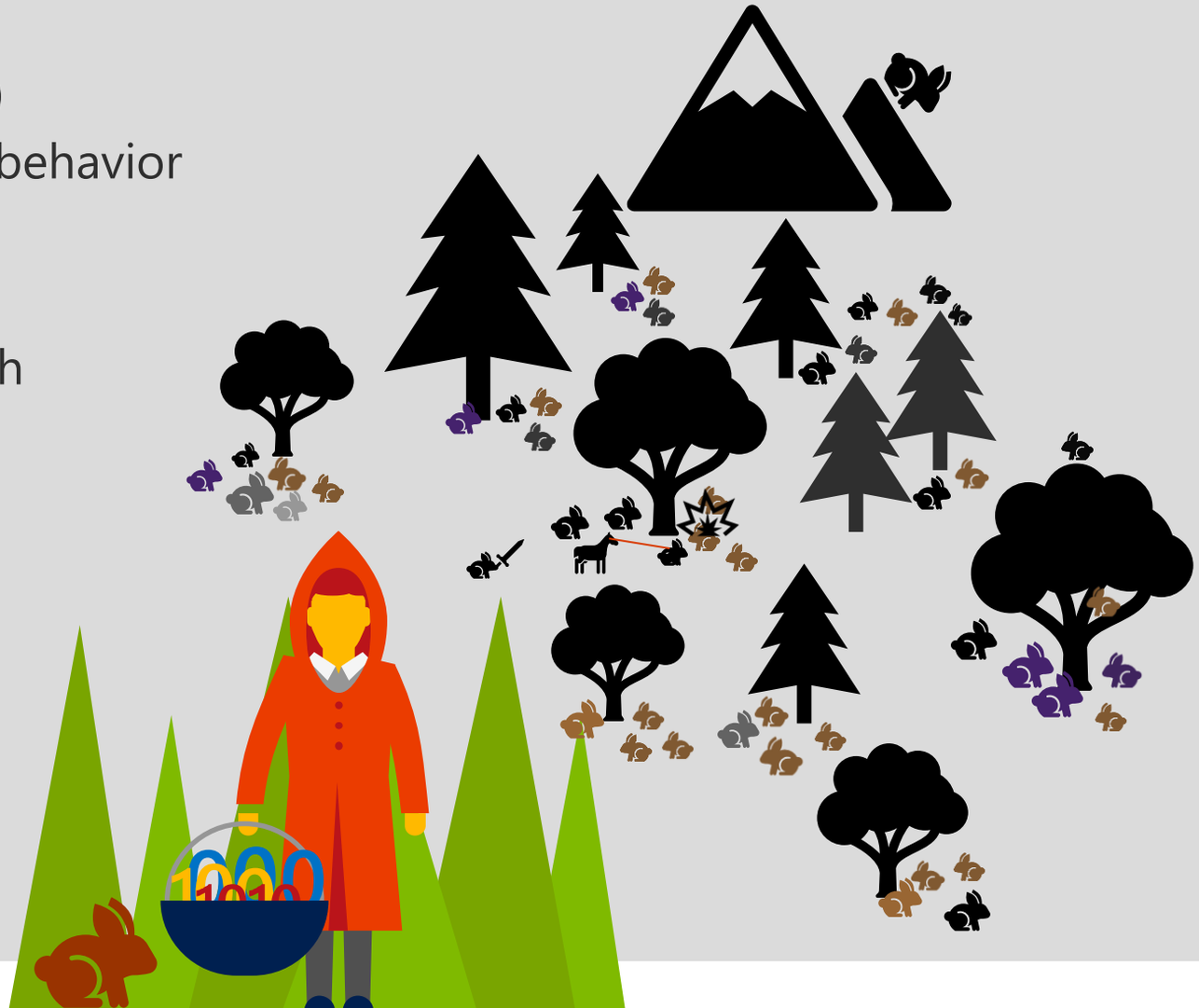
# PnPjs Client-Side Libraries

**Version 3.7 to be released Sept 9th**

- General documentation updates
- Support for SP favorites (thank you Konrad K.)
- $search & $filter parameters on Graph pages behavior
- Ability to rate and item in SP (1-5)
- More improvements for query escaping
- Enhancements to copyByPath and moveByPath
- Added ACS auth behavior recipe

Don't forget about the nightly builds

*npm install @pnp/sp@v3nightly --save*



Docs: https://pnp.github.io/pnpjs/ @m365pnpjs on twitter

# CLI for Microsoft 365

# CLI for Microsoft 365

**New release 5.7 with:**

- Support for retrieving Microsoft Bookings
- Support for granting admin consent for AAD apps
- Support for resetting role inheritance on SharePoint webs
- Support for managing role assignments on SharePoint lists
- Support for removing Microsoft Search external connection
- Support for upgrading SPFx projects to v1.15.2
- And more...

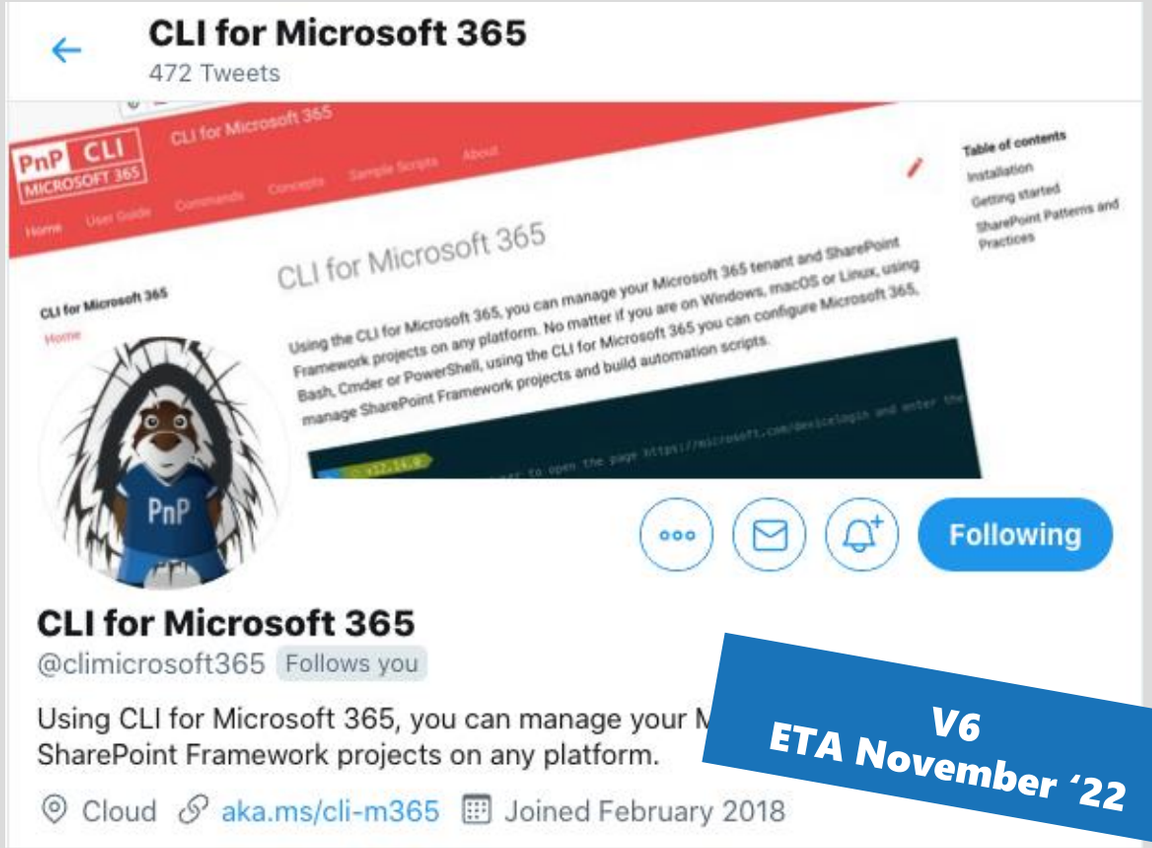
**Install and run 5.7 release:**

npm install -g @pnp/cli-microsoft365@latest

docker run --rm –it m365pnp/cli-microsoft365:latest

**Release notes:**

https://pnp.github.io/cli-microsoft365/about/release-notes/




@climicrosoft365 #CLIMicrosoft365 on Twitter

📖 aka.ms/cli-m365

🗣 github.com/pnp/cli-microsoft365/discussions

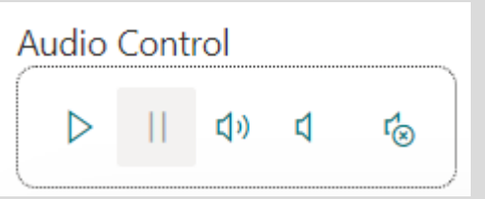
# SPFx Reusable Components

# Reusable SPFx Controls

## React Controls – 3.10.0

- SPFx 1.15.2 support
- ability to override field rendering for individual fields in Dynamic Form
- Various fixes

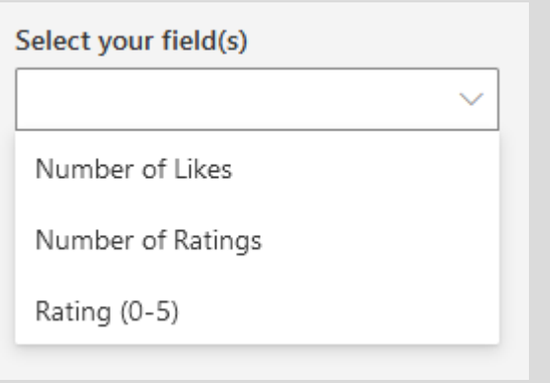
Release notes: https://pnp.github.io/sp-dev-fx-controls-react/about/release-notes/



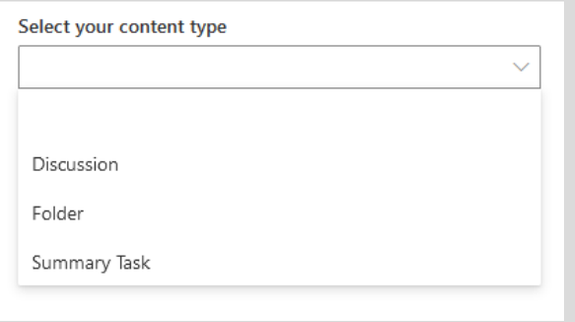

## React Property Controls – 3.9.0

- SPFx 1.15.2 support

Release notes: https://pnp.github.io/sp-dev-fx-property-controls/about/release-notes/




**Special thanks to our contributors:** Bart-Jan Dekker, Edin Kapic, Milan Holemans, Steve Beaugé.




**More information:**
https://sharepoint.github.io/sp-dev-fx-property-controls
https://sharepoint.github.io/sp-dev-fx-controls-react
**Twitter:** @M365PnPControls

# PnP Modern Search

# PnP Modern Search

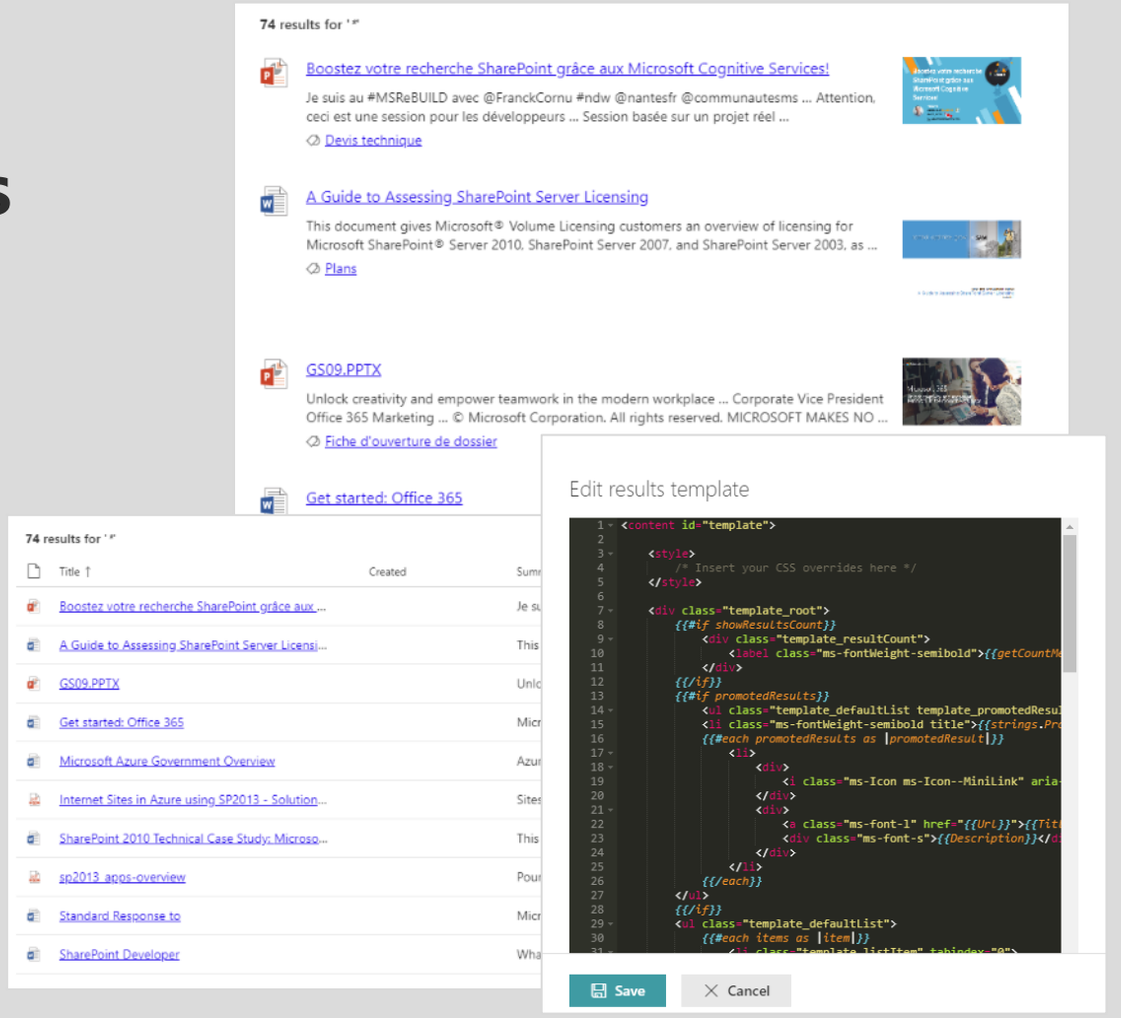
## http://aka.ms/pnp-search

## Building modern Search experiences with flexible web parts

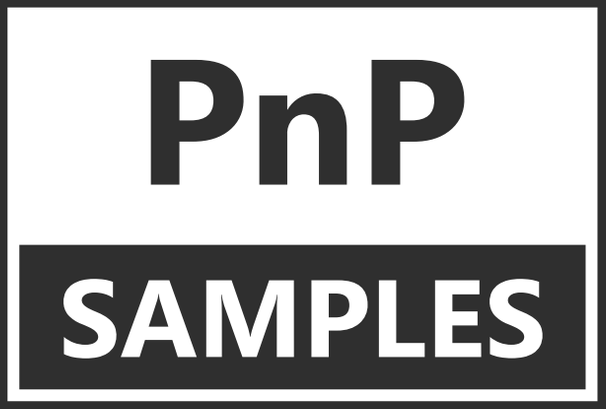
- **v4.7.0 – June 2022 release**
  - https://github.com/microsoft-search/pnp-modern-search/releases/tag/4.7.0-beta

  Thank you @d-martins, @bruzie, @rick-brown-slalom, @mrjarbenne, @davemehr for your support
  - Support for Adaptive Card rendering
  - See release notes for fixes and new features

- **v3.23.0 – December 2021 release**
  - https://github.com/microsoft-search/pnp-modern-search/releases
  - See release notes for fixes and new features



# PnP SPFx Samples

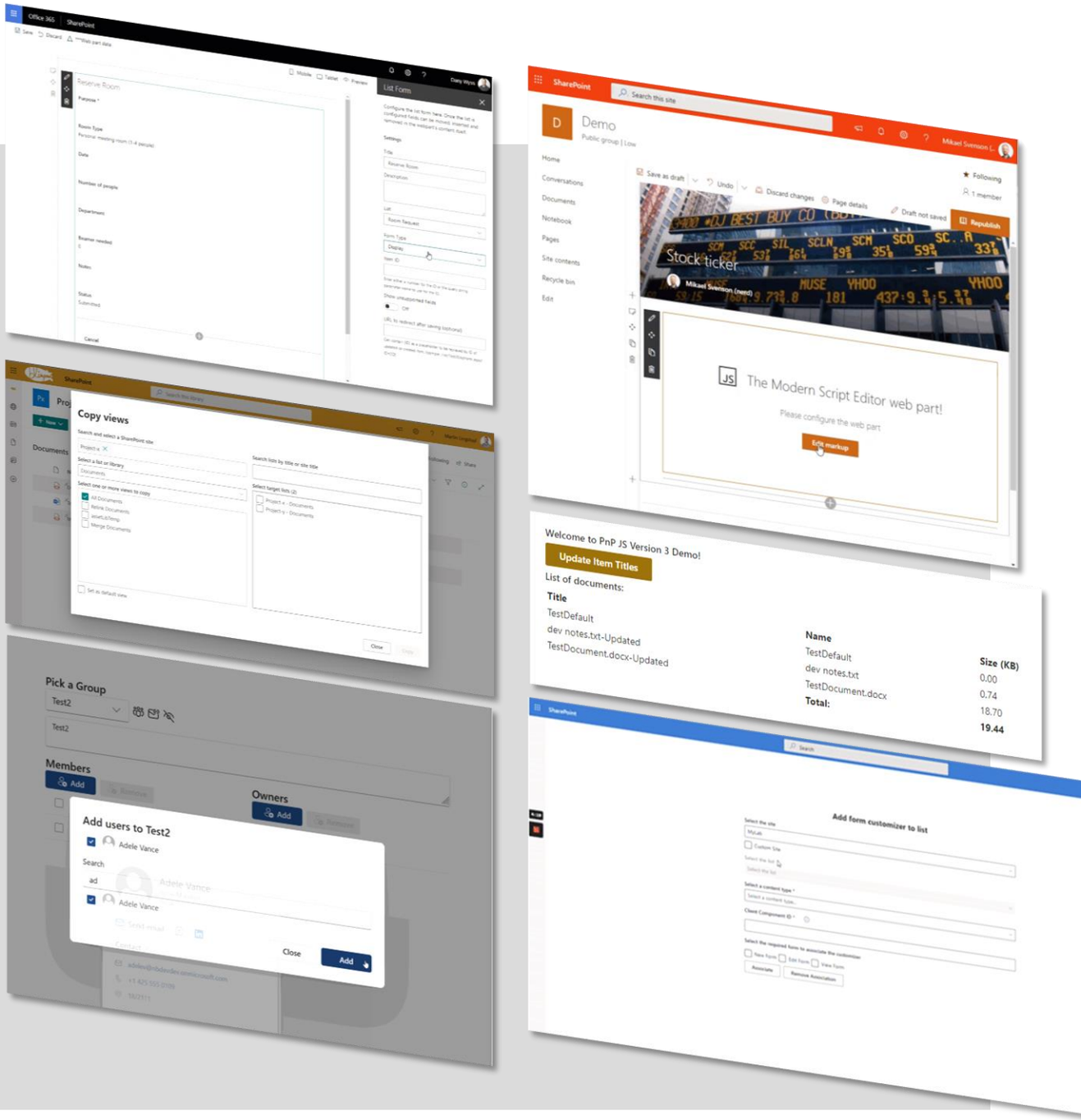


# PnP SPFx Samples

https://aka.ms/spfx-extensions

https://aka.ms/spfx-webparts

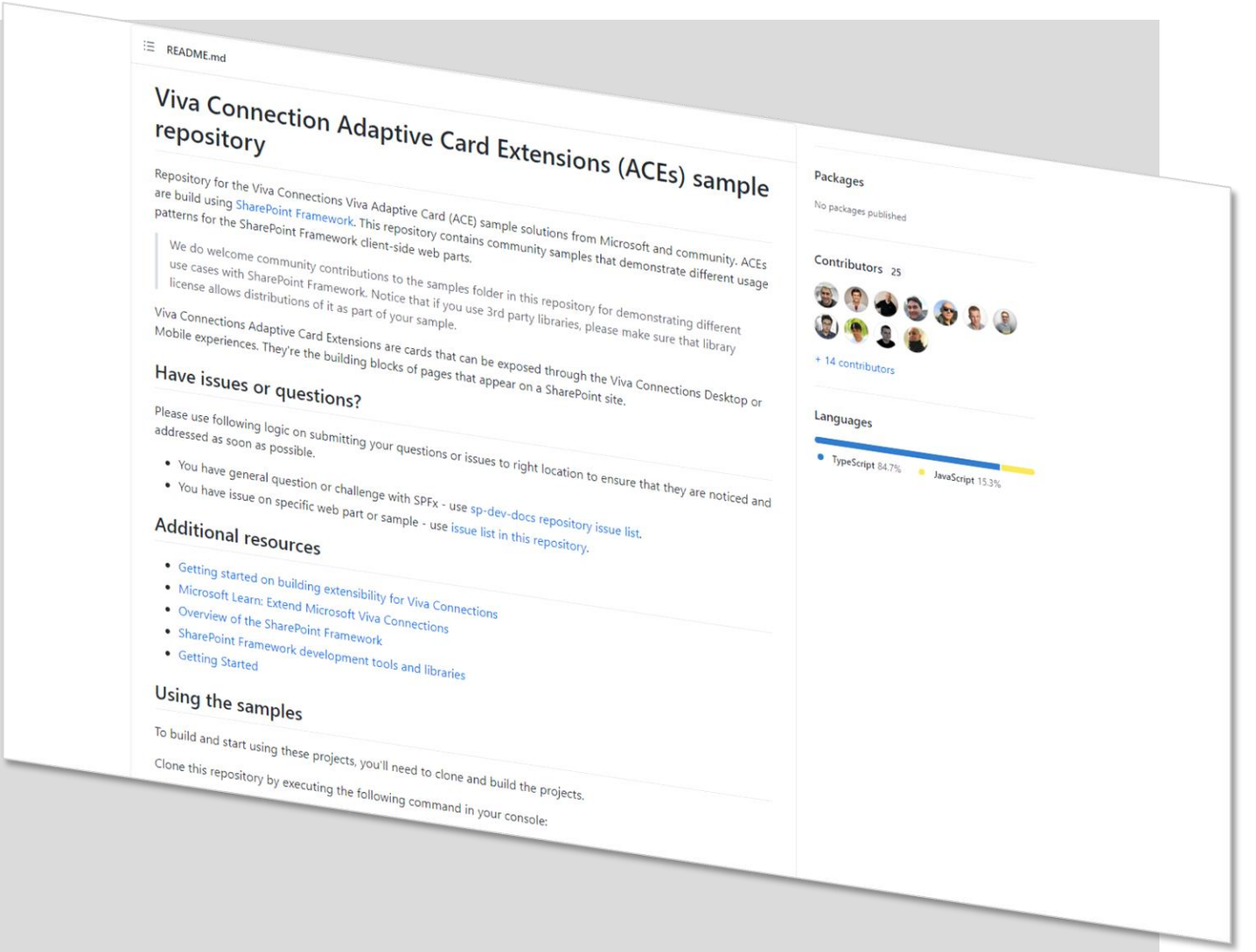
- **List Form**
  Rosa Alice | alicelupsan
- **Copy Views**
  Martin Lingstuyl | @martinlingstuyl
- **Script Editor**
  salascz
- **PnPjs Sample**
  Julie Turner | @jfj1997
- **Group Membership Manager**
  Nick Brown | @techienickb
- **Add Form Customizer to List**
  Siddharth Vaghasia | @siddh_me



# PnP SPFx ACEs

https://aka.ms/spfx-aces

*** We Love New Samples ***

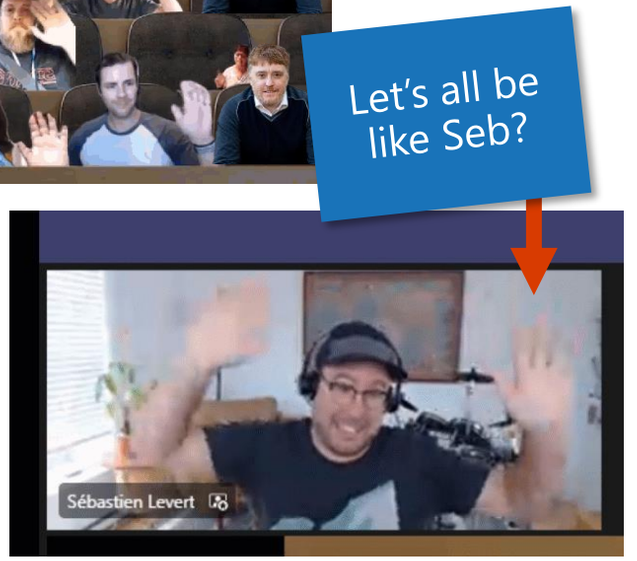



See all samples from https://aka.ms/m365/samples

# Optional picture time!

Video on and we'll grab a Together Mode pic with those who are willing to do this.

We are together on this as a community!




*By enabling your camera for the picture, you grant us permission to share your picture in social media.*

# DEMO



- Getting started with SPFx form customizer
  – Ejaz Hussain



- Building SPFx solution with Azure Communication Services integration
  – Hugo Bernier

Microsoft

# Thank you!

# Thank you

Recording will be available in 24 hours on
Microsoft 365 Community (PnP) YouTube channel
https://aka.ms/m365/videos
*(subscribe today)*

Follow us on Twitter
@Microsoft365Dev | @M365PnP

Next Viva Connections & SPFx call: **September 22nd at 07:00am PT**
Next M365 General Dev call: **September 15th at 07:00am PT**
All available community calls from https://aka.ms/m365/calls

Microsoft