

Your host in this call:  
Vesa Juvonen

# Viva Connections & SharePoint Framework Bi-weekly sync

August 25<sup>th</sup>, 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
  - **Tony Philips** – Using the Microsoft Graph education endpoints in SPFx to create a my assignments web part
  - **Waldek Mastykarz** – Getting started on building custom list form experiences with SharePoint Framework



# 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

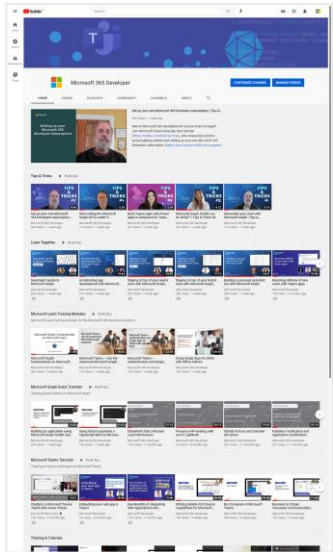
- How are the calls?
- Documentation needs?
- Where can we help?
- Positive is OK too!

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>

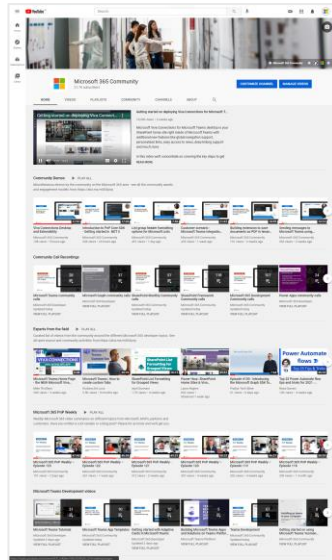


## Microsoft 365 developer videos



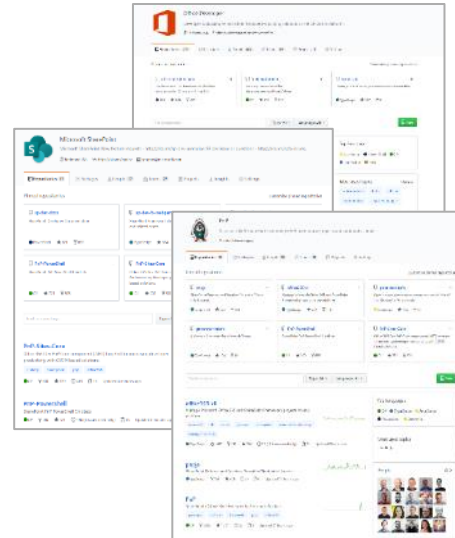
[aka.ms/m365devyoutube](https://aka.ms/m365devyoutube)

## Microsoft 365 community videos



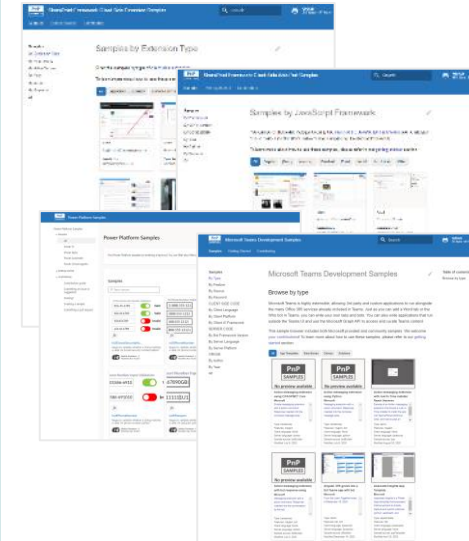
[aka.ms/m365/videos](https://aka.ms/m365/videos)

## Open-source



[github.com/pnp](https://github.com/pnp)  
[github.com/officedev](https://github.com/officedev)  
[github.com/microsoftgraph](https://github.com/microsoftgraph)  
[github.com/sharepoint](https://github.com/sharepoint)

## Sample galleries



[aka.ms/m365/samples](https://aka.ms/m365/samples)  
[aka.ms/teams-samples](https://aka.ms/teams-samples)  
[aka.ms/spfx-webparts](https://aka.ms/spfx-webparts)  
[aka.ms/spfx-aces](https://aka.ms/spfx-aces)  
[aka.ms/powerplatform-samples](https://aka.ms/powerplatform-samples)  
[aka.ms/spfx-extensions](https://aka.ms/spfx-extensions)  
[aka.ms/list-formatting](https://aka.ms/list-formatting)

## Open-source initiatives and samples



[aka.ms/m365/community](https://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 1<sup>st</sup> and 31<sup>st</sup> of August 2022 – back on 6<sup>th</sup> 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>

# GUIDANCE

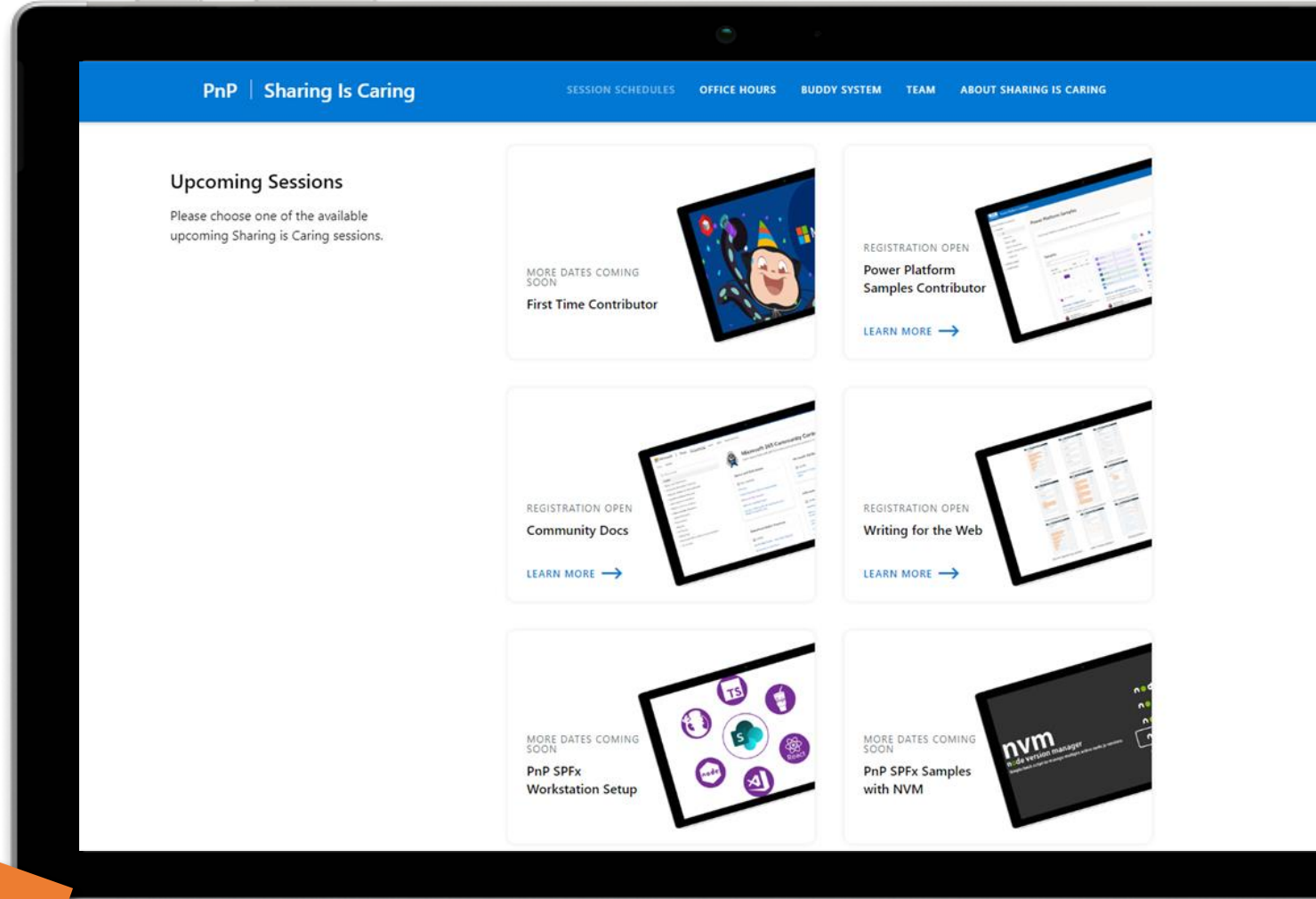
Learn how to get started in the open-source PnP community!

## Upcoming Sessions:

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

September & October Dates

- **Power Platform Samples Contributor**
- **Writing for the Web**



<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>

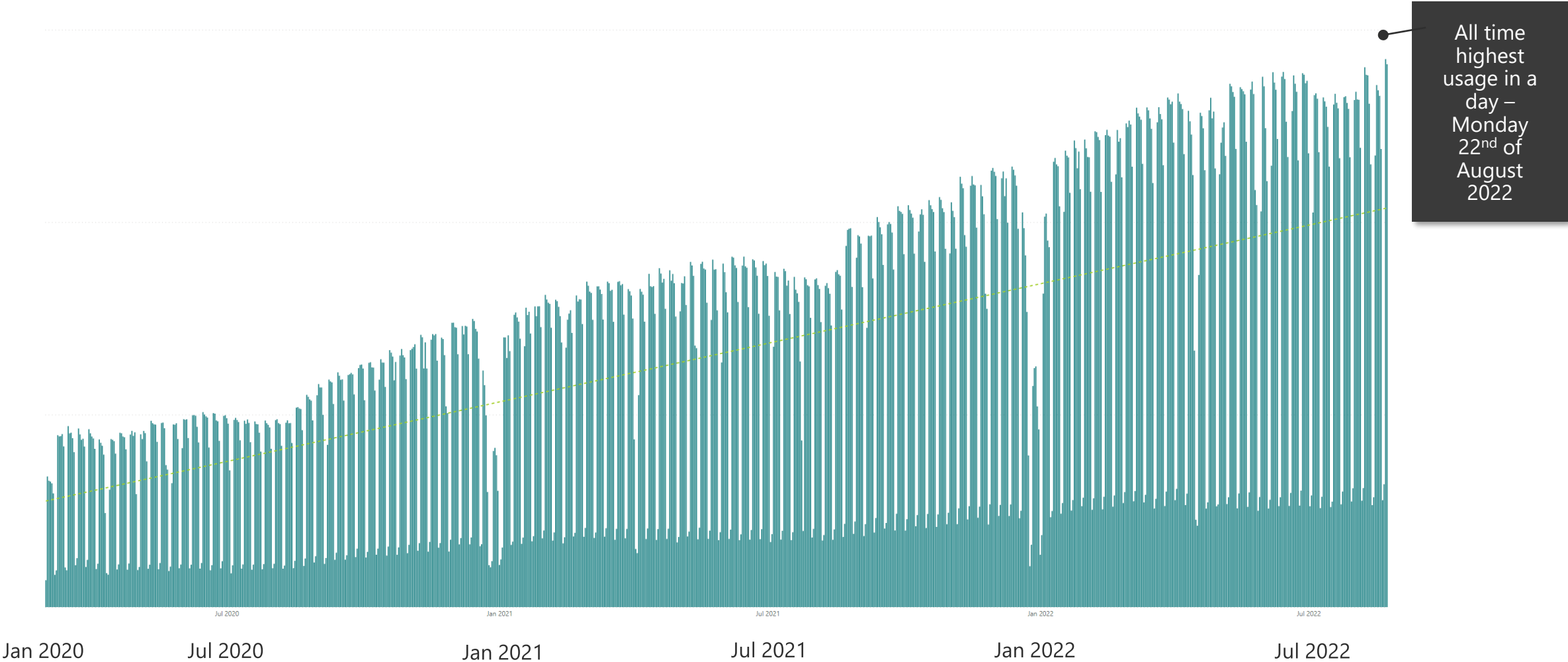
# SharePoint Framework

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



# 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 2 weeks ago**
  - 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 in upcoming week(s)**
  - 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

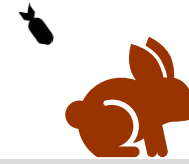


# PnPjs Client-Side Libraries





# PnPjs Client-Side Libraries



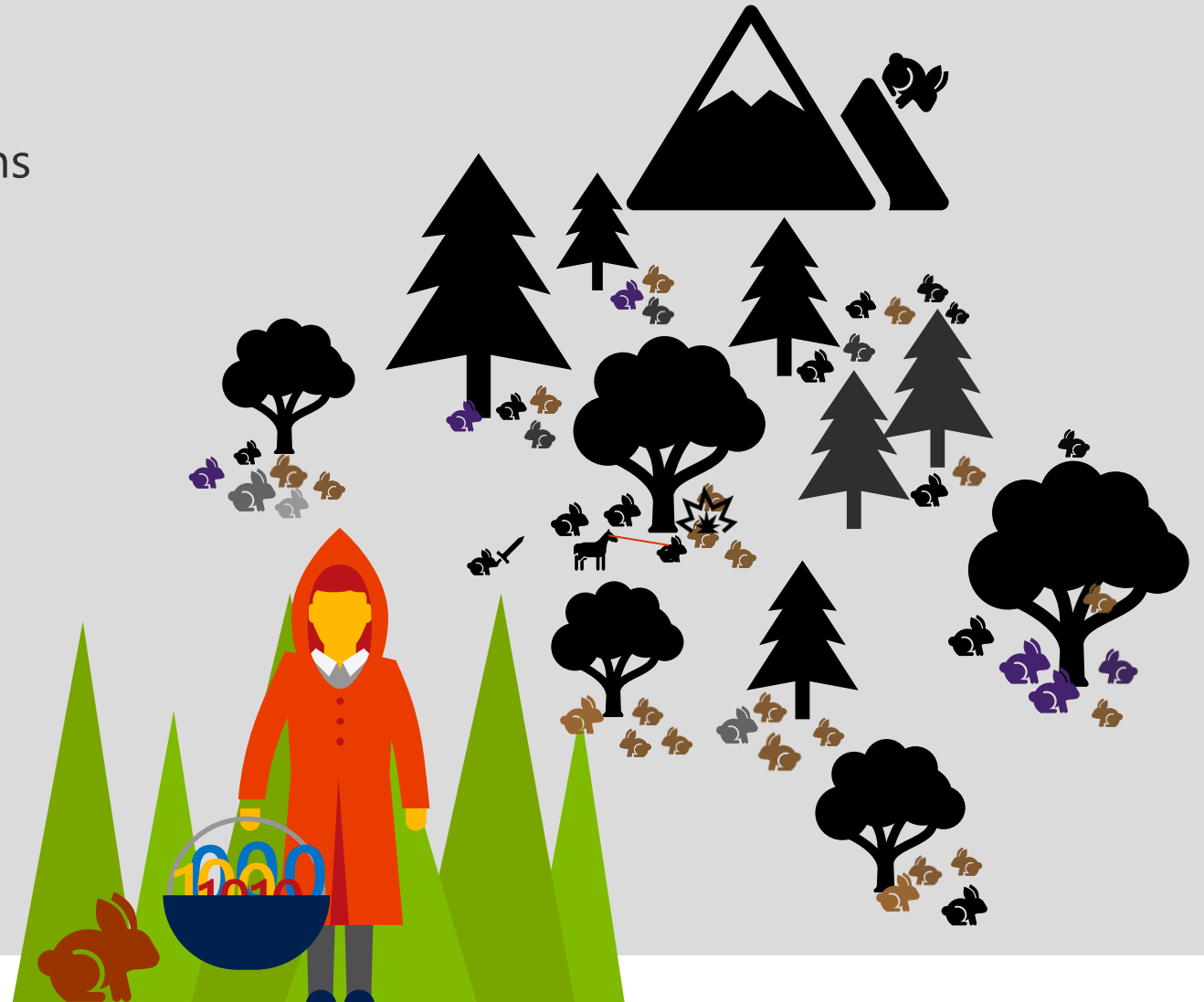
## Version 3.6 released Aug 16<sup>th</sup>

- General documentation updates
- Added getting started video series
- Graph support for lists, content-types, columns
- Update to simplify URL & query escaping
- Bug fix for SharePoint sharing
- Graph support for Special folders
- Added edit method to SP content types
- Updated properties for IViewInfo

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 5.7 beta with:

- Support for retrieving Microsoft Bookings
- Support for granting admin consent for AAD apps
- Support for managing SharePoint list role assignments
- Support for setting SharePoint role inheritance on Webs
- Support for removing Microsoft Search external connection
- Support for verifying environment config for SPFx v1.15.2
- And more...

## Install and run 5.7 beta:

```
npm install -g @pnp/cli-microsoft365@next
```

```
docker run --rm -it m365pnp/cli-microsoft365:next
```

## Release notes:

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



@climicrosoft365 #CLIMicrosoft365 on Twitter

📖 [aka.ms/cli-m365](https://aka.ms/cli-m365)

💡 [github.com/pnp/cli-microsoft365/discussions](https://github.com/pnp/cli-microsoft365/discussions)

# SPFx Reusable Components



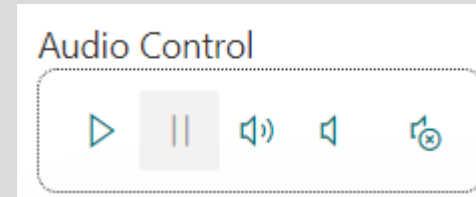


# Reusable SPFx Controls

## 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/>

Select your field(s)

▼

Number of Likes

Number of Ratings

Rating (0-5)

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

Select your content type

▼

Discussion

Folder

Summary Task



# 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**

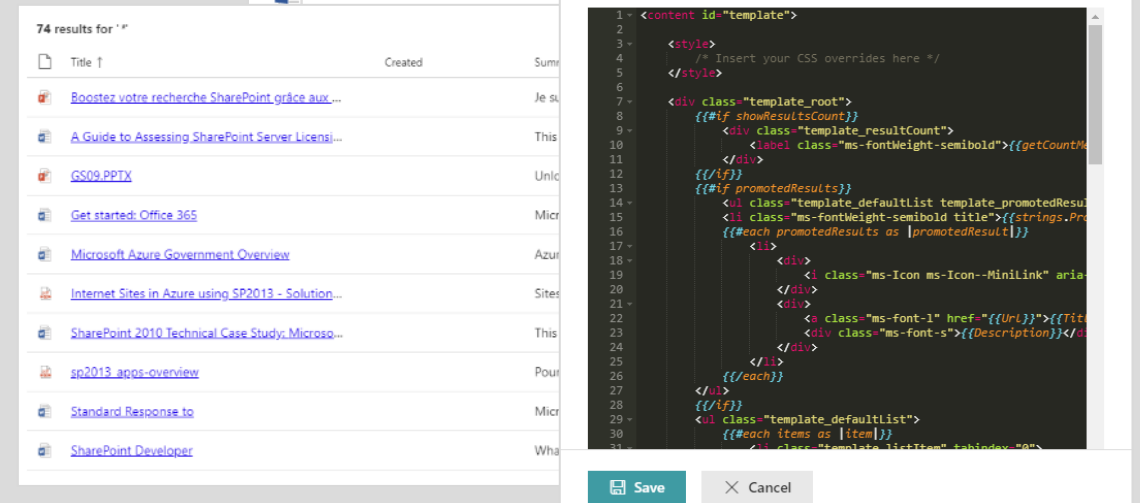
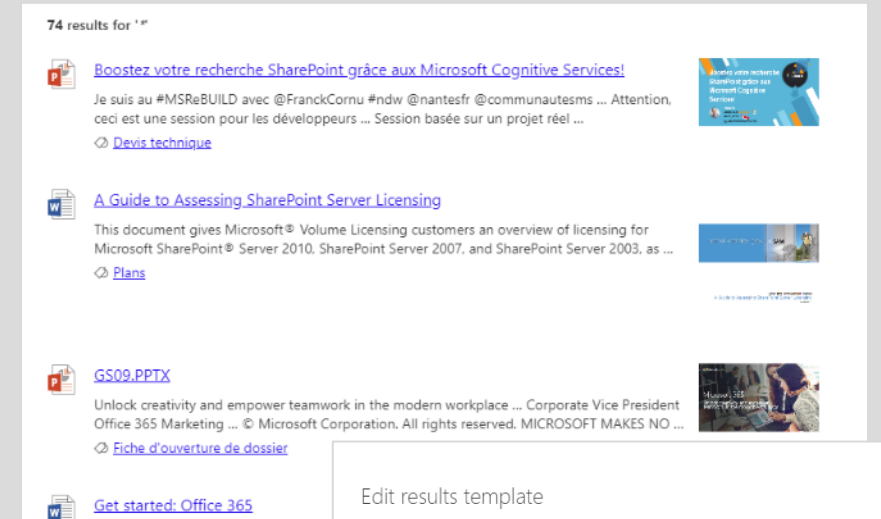
- <https://github.com/microsoft-search/pnp-modern-search/releases/tag/4.7.0-beta>

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





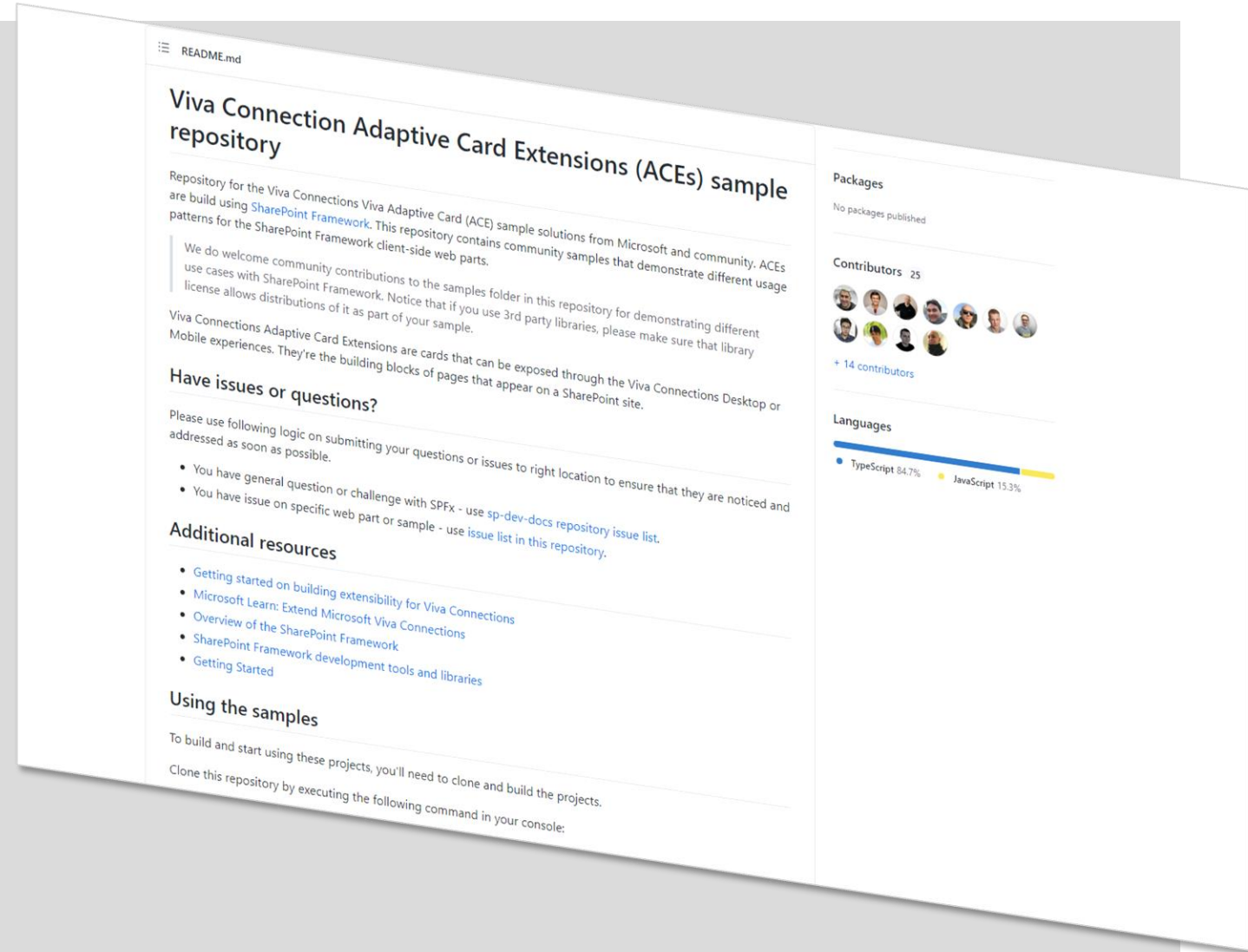
# PnP SPFx ACEs

<https://aka.ms/spfx-aces>

Shared Graph client (with batching)  
Marcin Wojciechowski | @mgwojciech

\*\*\* We Love New Samples \*\*\*

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

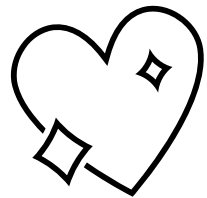




# Optional picture time!

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!



Let's all be like Seb?



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



# DEMO

- Using the Microsoft Graph education endpoints in SPFx to create a my assignments web part  
– Tony Philips (Cloud Design Box)
- Getting started on building custom list form experiences with SharePoint Framework  
– Waldek Mastykarz (Microsoft)



# 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 8<sup>th</sup> at 07:00am PT**

Next M365 General Dev call: **September 1<sup>st</sup> at 07:00am PT**

All available community calls from <https://aka.ms/m365/calls>



