

Your host in this call:
Derek Cash-Peterson (Sympraxis)

Viva Connections & SharePoint Framework Bi-weekly sync

November 3rd, 2022

Microsoft 365 Platform Community 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
 - Julie Turner (Sympraxis) – Getting started with PnPjs in SPFx solutions
 - Paolo Pialorsi (PiaSys) - Building ISV offering for Microsoft Viva with SPFx ACEs and multi-tenant APIs hosted in Azure



Opportunities to Participate in Microsoft 365 platform community

SPFx Demo

- Web Part
- Application Customizer
- Provisioning
- Teams
- Outlook
- 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

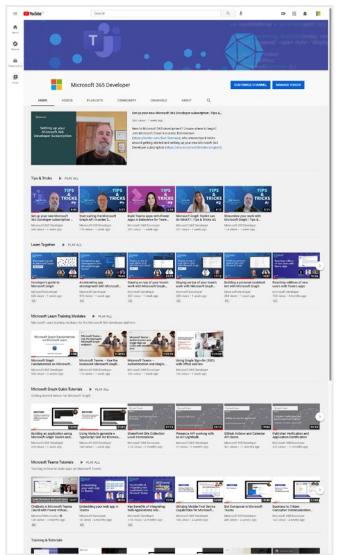
Provide Feedback

- 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.

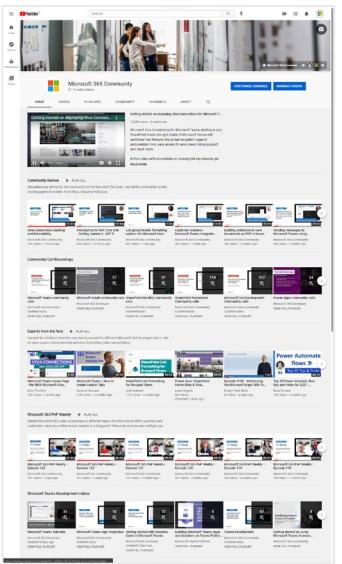
Request a demo spot on the call
<https://aka.ms/m365pnp/request/demo>

Microsoft 365 developer videos



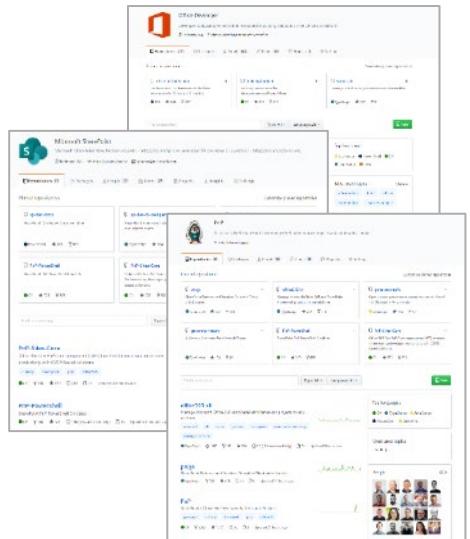
aka.ms/m365devyoutube

Microsoft 365 community videos



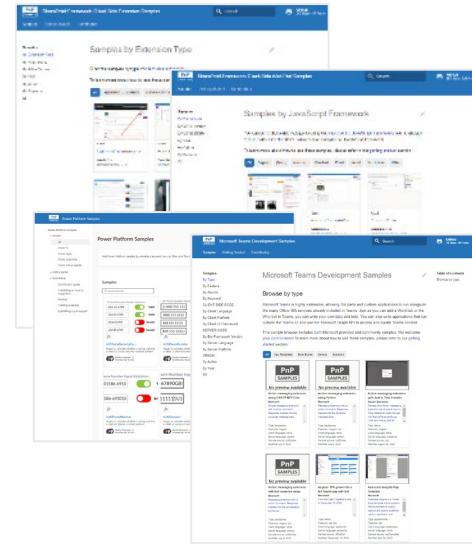
aka.ms/m365/videos

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>

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 & 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 8th of November @ 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
- **Bert Jansen** – Avoid throttling in SharePoint Online by using RateLimit headers in API calls
- **Garry Trinder** - Build your first Workflow bot for Microsoft Teams with Teams Toolkit for Visual Studio Code
- **Hugo Bernier** – Power Pages introduction series continues



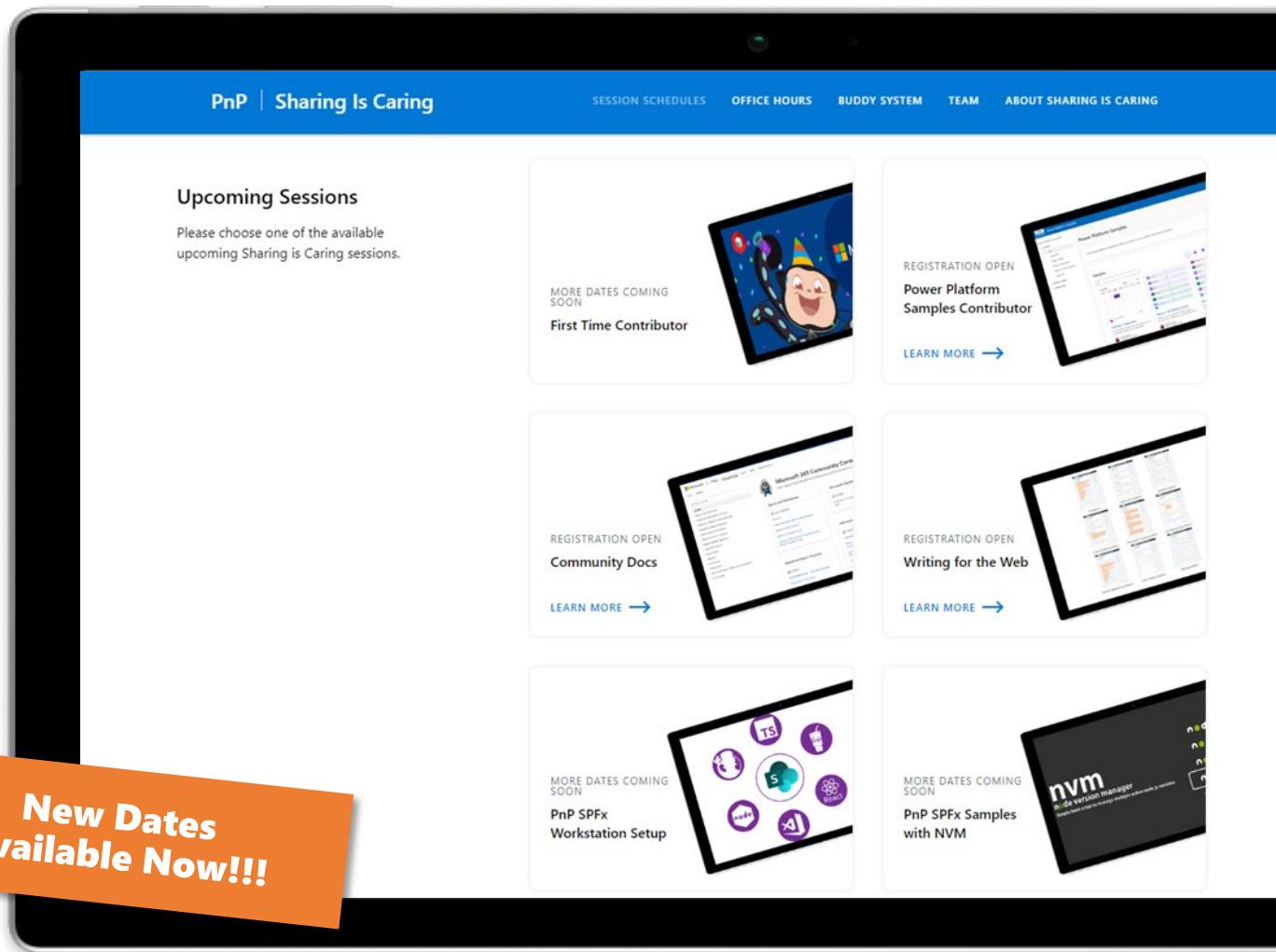
GUIDANCE

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

Upcoming Sessions:

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

New Dates
Available Now!!!



<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



Announcing SharePoint Framework 1.16 release candidate

Microsoft 365 Developer

The screenshot displays a SharePoint site with three parallel dashboards: Microsoft Teams, Outlook, and Office. Each dashboard features a 'Lead Assist Dashboard' card. The Office dashboard is active, showing an 'Activity overview' chart with data for Team calls (1130), Emails (740), and Texts (910) from January to July. Below the chart, sections include 'My day' (listing tasks like 'X1050 Marketing sync' and 'Core Web Team Sync'), 'Open leads' (listing items like 'Litware Consulting Support' and 'Contoso Group - Loop components'), and a 'To-do' list (with items like 'Prepare the product go live materials' and 'Strategic planning for release'). A sidebar on the left lists various Microsoft 365 apps, and a top navigation bar includes 'SharePoint', 'The Landing', 'Leads Dashboard', 'Edit', and a 'Following' section.



The Road Ahead – SPFx roadmap

- 1.15.2 – Released in August – latest in prod version
- 1.16 General Availability released in mid-Nov
 - Teams JavaScript SDK v2 native support in SPFx solutions – rolling out also to existing solution for extending SPFx solutions across the Microsoft 365 areas
 - 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... 🚀
- 1.17 ETA in first quarter of 2023
 - Bot Framework powered Microsoft Viva cards
 - New features, capabilities and improvements across the feature stack
- “*SPFx v2*” planned for 2023 with more comprehensive support for Microsoft 365 all up platform

and more across Microsoft Viva, Microsoft Teams, Outlook, Microsoft 365 app and SharePoint...even more to come.

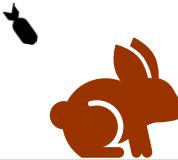


PnPjs Client-Side Libraries





PnPjs Client-Side Libraries



Version 3.9 to be released Nov 11th

- General documentation updates
- Bug fix for IFolder/getItem returning parent folder not list item.
- Bug fix for paged behavior for list items
- Bug fix for using renderListDataAsStream in batch
- Added ability to get the content from IVersion of file, and improved IVersionInfo typings
- Added the ability to invoke SP Search and Suggest and updated corresponding documentation

Don't forget about the nightly builds

npm install @pnp/sp@v3nightly --save



CLI for Microsoft 365





CLI for Microsoft 365

New 5.9 release:

- Eight new commands for Power Platform with support for retrieving Cards, Environments, Gateways, Tables, Solutions and Tenant settings
- Ten new commands for SharePoint Online with support for removing event receivers, and to manage file and folder permissions, role
- Two new commands for Microsoft To Do
- And much more...

Install and run 5.9:

```
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/#v590>

5th Birthday Party
17th Nov on Discord
@ 10:00 CET

V6
ETA November '22

The screenshot shows the GitHub profile page for the CLI for Microsoft 365 repository. At the top, it displays '472 Tweets' and a navigation bar with links like Home, User Guide, Commands, Concepts, Sample Scripts, and About. Below the navigation bar is a large image of a cartoon character wearing a blue shirt with 'PnP' on it. The main content area contains a brief description of the CLI's purpose: 'Using the CLI for Microsoft 365, you can manage your Microsoft 365 tenant and SharePoint Framework projects on any platform. No matter if you are on Windows, macOS or Linux, using Bash, Cmdr or PowerShell, using the CLI for Microsoft 365 you can configure Microsoft 365, manage SharePoint Framework projects and build automation scripts.' There is also a link to 'https://microsoft.com/deviceLogin'. On the right side of the profile page, there are sections for 'Table of contents', 'Installation', 'Getting started', and 'SharePoint Patterns and Practices'. At the bottom, there are social media icons for GitHub, LinkedIn, and Twitter, along with a 'Following' button.

[@climicrosoft365](https://twitter.com/climicrosoft365) #CLIMicrosoft365
 aka.ms/cli-m365
 discord.com/invite/7rfW4kg6B5

SPFx Reusable Components





Reusable SPFx Controls

React Controls – 3.11.0

- Enhancements for DynamicForm, PeoplePicker, ModernTaxonomyPicker
- Fix of critical issue with PeoplePicker in 3.10.0
- Various fixes

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



React Property Controls – 3.10.0

- Arabic locale support
- anchorId support in PropertyFieldTermPicker
- Various fixes

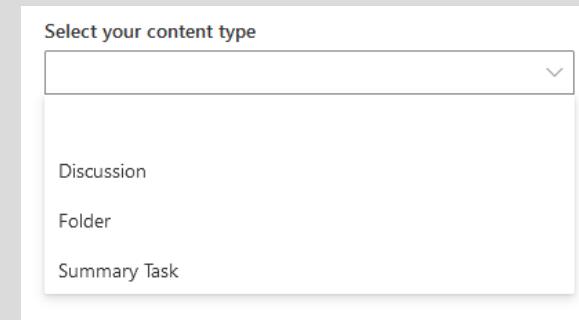
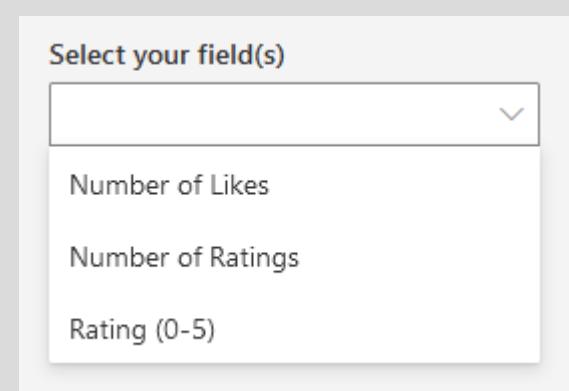
Release notes: <https://pnp.github.io/sp-dev-fx-property-controls/about/release-notes/>

Special thanks to our contributors: Chad Eiserloh, Hilton Giesenow, Jake Stanger, Jasey Waegebaert, JeanNetryValere, Josef Benda, Mark Bice, nviolero, Paolo Pialorsi, Paul Schaelein, Victor Romanov.

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

- **v4.8.0-beta – September 2022 release (let's make it Nov release 😊)**

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

Thank you @emilyk0520, @davemehr, @PaoloPia for your support

- Support for actionable Adaptive Cards (like in Viva)
- 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

The screenshot shows the PnP Modern Search interface. At the top, there is a search bar with the text "74 results for 'r'". Below the search bar, there are several search results cards:

- Boostez votre recherche SharePoint grâce aux Microsoft Cognitive Services!** (PDF icon) - A document from MSReBUILD session about using Cognitive Services for SharePoint search.
- A Guide to Assessing SharePoint Server Licensing** (Word icon) - A document for Microsoft SharePoint Server licensing customers.
- GS09.PPTX** (PDF icon) - A presentation slide titled "Unlock creativity and empower teamwork in the modern workplace ... Corporate Vice President Office 365 Marketing ... © Microsoft Corporation. All rights reserved. MICROSOFT MAKES NO ..." with a thumbnail showing two people working.
- Get started: Office 365** (Word icon) - A document titled "Get started: Office 365".

Below the search results, there is a modal dialog titled "Edit results template". It contains a code editor with the following HTML and CSS template:

```
1 <content id="template">
2   <style>
3     /* Insert your CSS overrides here */
4   </style>
5 
6   <div class="template_root">
7     {{#if showResultsCount}}
8       <div class="template_resultCount">
9         <label class="ms-fontWeight-semibold">{{getCountMessage}}</label>
10      </div>
11    {{/if}}
12    {{#if promotedResults}}
13      <ul class="template_defaultList template_promotedResults">
14        {{#each promotedResults as |promotedResult|}}
15          <li class="ms-fontWeight-semibold title">{{strings.Pro...</li>
16            <div>
17              <div>
18                <i class="ms-Icon ms-Icon--Minilink" aria-...
19              </div>
20            </div>
21            <a class="ms-font-1" href="{{Url}}">{{Title}}
22            <div class="ms-font-s"{{Description}}</div>
23          </div>
24        {{/each}}
25      {{/if}}
26    {{#if items}}
27      <ul class="template_defaultList">
28        {{#each items as |item|}}
29          <li class="template_listItem" tIndex="0">
30            <div>
31              ...
32            </div>
33          {{/each}}
34        {{/if}}
35      </ul>
36    {{/if}}
37  </div>
38</content>
```

At the bottom of the modal, there are "Save" and "Cancel" buttons.

PnP SPFx Samples

PnP
SAMPLES



PnP SPFx Samples

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

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

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

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

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

The screenshot shows the 'Sample Solution Gallery' page from the Microsoft Adoption website. The page features a search bar, a dropdown for sorting (set to 'Newest to oldest'), and a sidebar with a 'Products' section containing radio buttons for Microsoft Lists, Microsoft Teams, Azure AD, Office, Power Apps, Power Automate, Power Fx, SharePoint, Viva, Microsoft Graph, Microsoft Graph Toolkit, and OneDrive. Below the sidebar is a 'Reset filters' button. The main content area displays several sample cards:

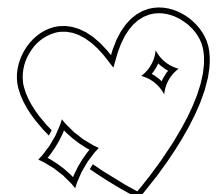
- Multilingual Quotes**: Modified on September 19, 2022.
- 0 to 10 Rating Scale**: Modified on September 18, 2022.
- Microsoft Graph PowerShell SDK for Common Operations**: Modified on September 8, 2022.
- Create a Blazor WebAssembly Outlook add-in**: Modified on September 6, 2022.
- Copy Views**: Modified on September 12, 2022.
- Get notified in Microsoft Teams about SharePoint health incidents**: Modified on August 25, 2022.
- SPO Recover Deleted Meeting Recordings**: Modified on September 7, 2022.
- Image coming soon**

A large teal banner on the right side of the page says 'THANK YOU ALL FOR SHARING'.

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.

A photograph showing three people in an office setting. A woman in a grey sweatshirt and beige pants is pointing at a whiteboard with her right hand. A man in a black t-shirt and blue jeans stands to her left, looking down at the board. Another woman in a striped blouse is partially visible behind them, also looking at the board. The whiteboard has some handwritten text and diagrams.

DEMO

- **Getting started with PnPjs in SPFx solutions**
– Julie Turner (Sympraxis)
- **Building ISV offering for Microsoft Viva with SPFx ACEs and multi-tenant APIs hosted in Azure**
– Paolo Pialorsi (PiaSys)

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](https://twitter.com/Microsoft365Dev) | [@M365PnP](https://twitter.com/M365PnP)

Next Viva Connections & SPFx call: **November 17th at 07:00am PT**
Next M365 & Power Platform call: **November 10th at 07:00am PT**
All available community calls from <https://aka.ms/m365/calls>

