

Your host in this call:
Garry Trinder (Microsoft)

Viva Connections & SharePoint Framework Bi-weekly sync

October 20th, 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
 - Martin Lingstuyl (I4-YOU) – Copy Views SharePoint Framework Web Part
 - Paolo Pialorsi (PiaSys) – Using the Azure AD on-behalf-of flow within your SharePoint Framework solution



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

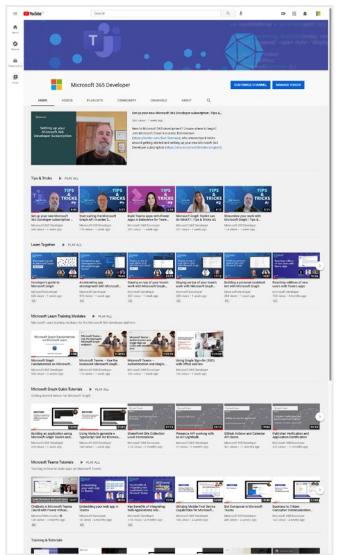
Provide Feedback

- 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.

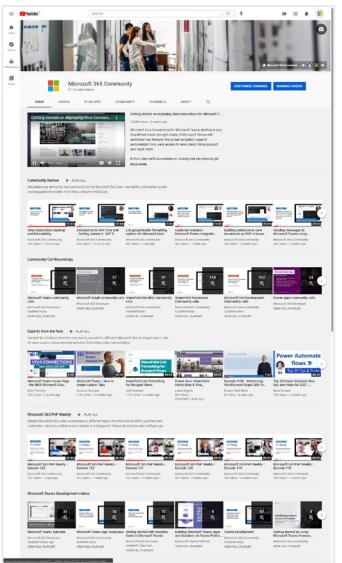
Request a demo spot on the call
<https://aka.ms/m365pnp/request/demo>

Microsoft 365 developer videos



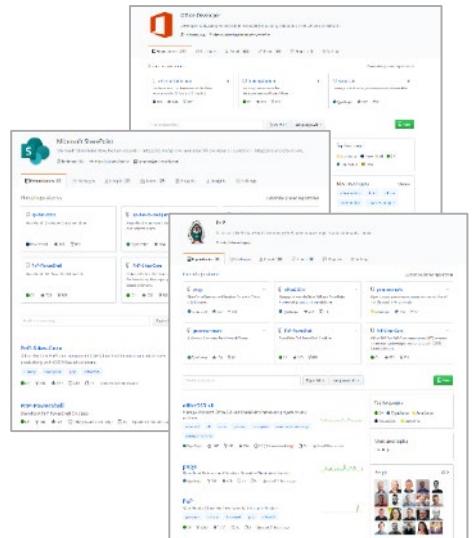
aka.ms/m365devyoutube

Microsoft 365 community videos



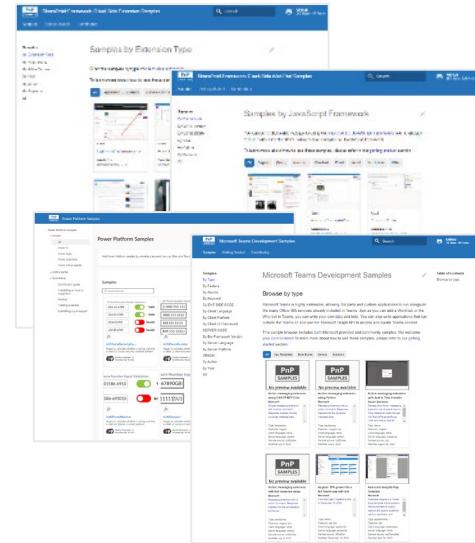
aka.ms/m365/videos

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 25th of October @ 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
- **Sheena Makker** – Extend Microsoft Teams apps to Office and Outlook Mobile
- **Hugo Bernier** – Power Pages – General Availability
- **Vesa Juvonen & Alex Terentiev** - Using your SPFx solutions also at Microsoft Teams, Outlook and Office.com



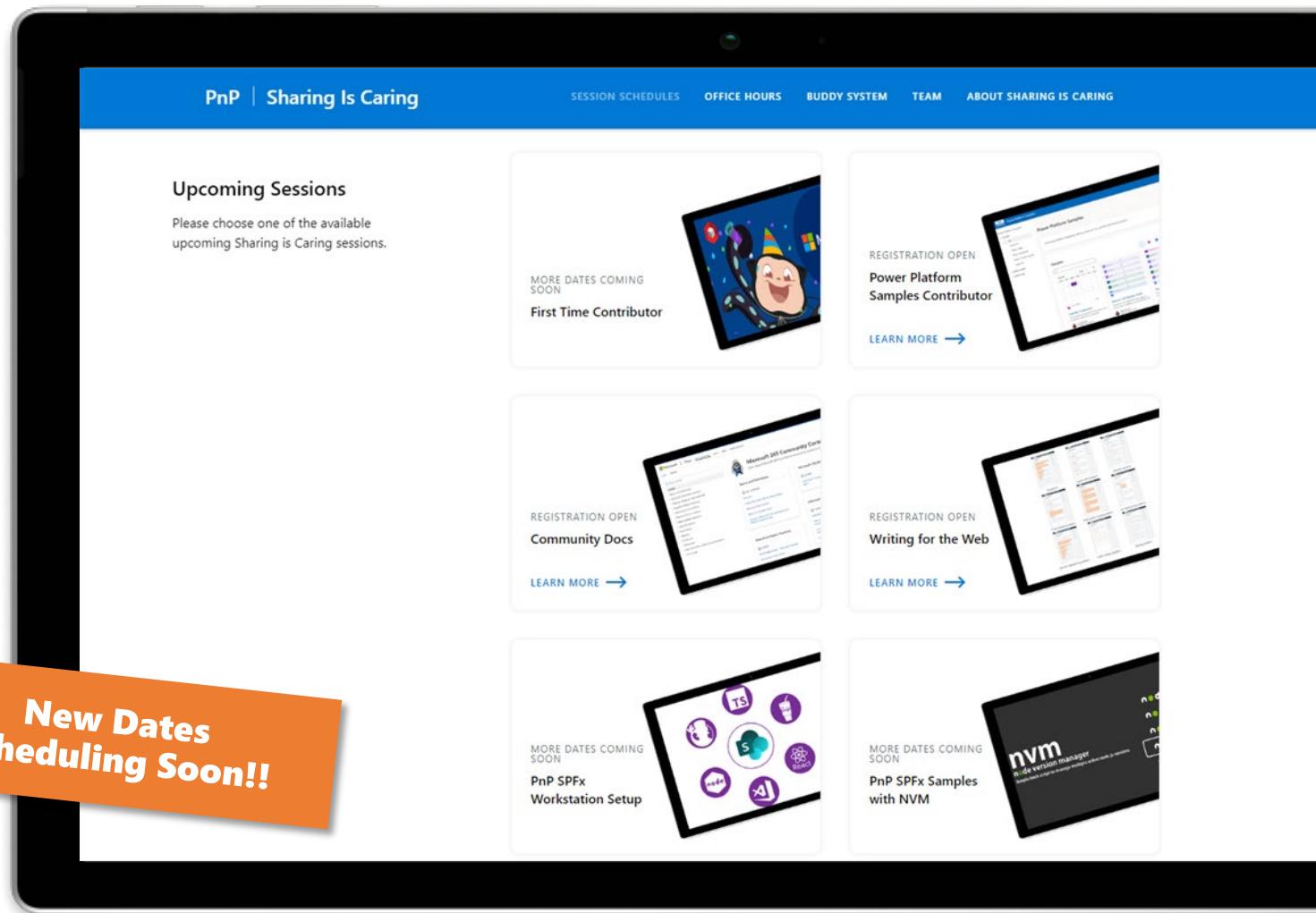
GUIDANCE

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
Scheduling Soon!!



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

COMMUNITY



Recognition Program

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



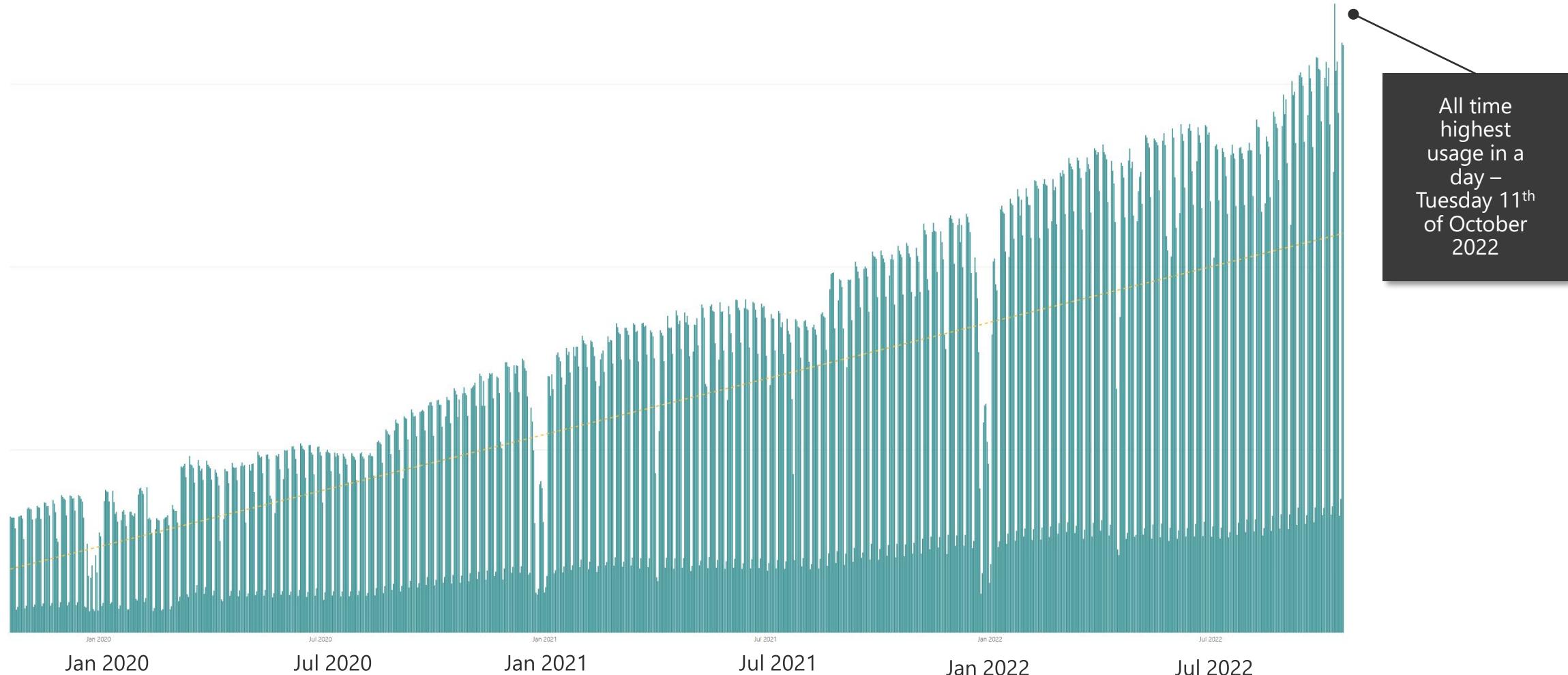
<https://aka.ms/m365pnp-recognition>

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



Announced in Ignite 2022 – SPFx extending to Outlook and Microsoft 365 app

<https://aka.ms/spfx-ignite2022>



The Road Ahead – SPFx roadmap

- 1.15.2 – Released in August – latest in prod version
- 1.16 updated preview version released next week weeks
 - Teams JavaScript SDK v2 native support in SPFx solutions – rolling out also to existing solution for extending SPFx solutions across the Microsoft 365 areas
 - 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 planned in November 2022
- 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*” currently planned for second quarter of 2023

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

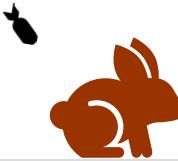


PnPjs Client-Side Libraries





PnPjs Client-Side Libraries

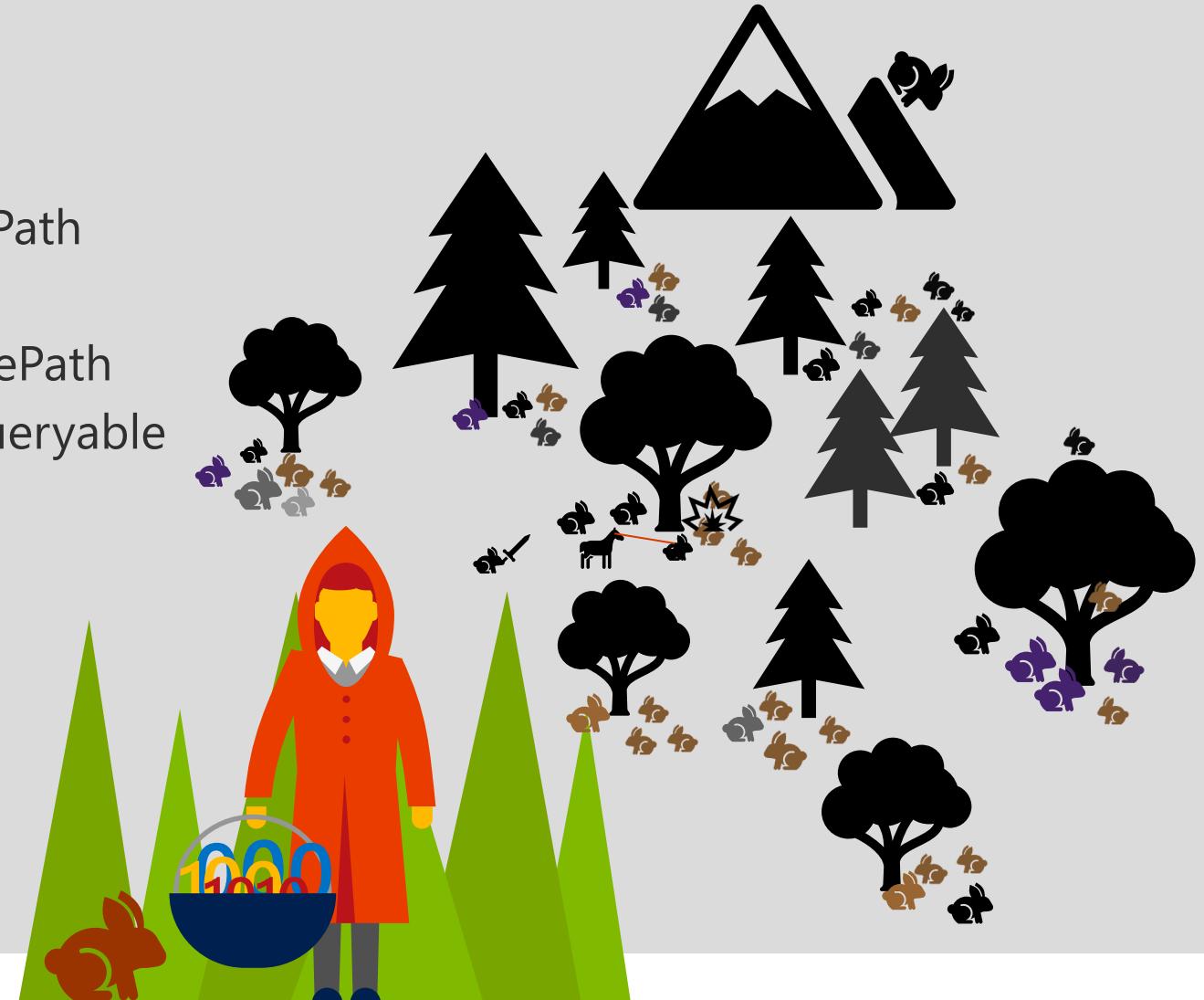


Version 3.8 released Oct 14th

- General documentation updates
- Updates to caching and search
- Testing improvements
- Updates to IFolder/IFile/copyByPath/moveByPath
- Adds fileFromPath and fileFromAbsolutePath
- Adds folderFromPath and folderFromAbsolutePath
- Adds ability to getContextInfo from any SPQueryable derived object to understand it's context.

Don't forget about the nightly builds

npm install @pnp/sp@v3nightly --save



CLI for Microsoft 365





CLI for Microsoft 365

New 5.9 beta with:

- New commands for Power Platform with support for retrieving Cards, Tables, Solutions and tenant settings
- New commands for SharePoint Online with support for removing event receivers, and to manage file and folder permissions
- Added support for filtering shared Teams channels
- And much more...

Install and run 5.9 :

```
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/>

**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. The page has a red header bar with the text "PnP CLI MICROSOFT 365" and navigation links for Home, User Guide, Commands, Concepts, Sample Scripts, and About. The main content area features a large image of a brown bear wearing a blue t-shirt with "PnP" on it. Below the image, the text reads: "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, Cmder or PowerShell, using the CLI for Microsoft 365 you can configure Microsoft 365, manage SharePoint Framework projects and build automation scripts." On the right side, there is a sidebar with links for Table of contents, Installation, Getting started, SharePoint Patterns and Practices, and a QR code with the URL discord.com/invite/7rfW4kg6B5.

[@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

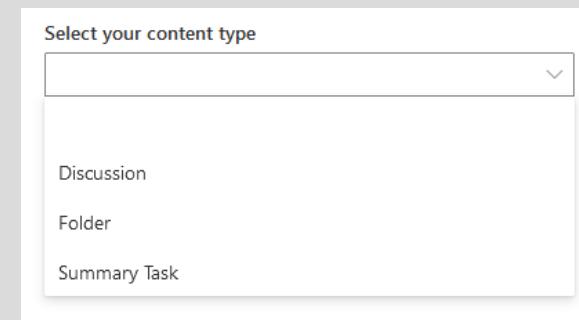
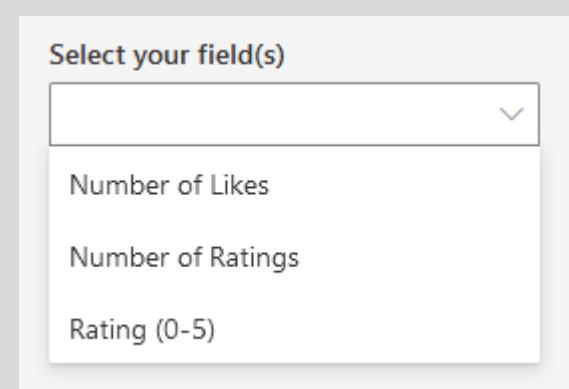
Release notes: <https://pnp.github.io/sp-dev-fx-property-controls/about/release-notes/>

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**
 - <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's a search bar with the text '74 results for '''. Below it, there are several search results cards:

- Boostez votre recherche SharePoint grâce aux Microsoft Cognitive Services!** (PDF icon) - Preview: Je suis au #MSReBUILD avec @FranckCornu #ndw @nantesfr @communautesms ... Attention, ceci est une session pour les développeurs ... Session basée sur un projet réel ... [Devis technique](#)
- A Guide to Assessing SharePoint Server Licensing** (Word icon) - Preview: This document gives Microsoft® Volume Licensing customers an overview of licensing for Microsoft SharePoint® Server 2010, SharePoint Server 2007, and SharePoint Server 2003, as ... [Plans](#)
- GS09.PPTX** (PPT icon) - Preview: Unlock creativity and empower teamwork in the modern workplace ... Corporate Vice President Office 365 Marketing ... © Microsoft Corporation. All rights reserved. MICROSOFT MAKES NO ... [Fiche d'ouverture de dossier](#)
- Get started: Office 365** (Word icon) - Preview: Microsoft Office 365 is a powerful productivity suite that includes Word, Excel, PowerPoint, OneNote, and more. It's designed to work across devices and platforms, making it easy to collaborate with others and stay organized. [Get started](#)

Below the search results, there's 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            </div>
22          </div>
23        {{/each}}
24      {{/if}}
25    {{/each}}
26  </div>
27  {{#if}}
28    <ul class="template_defaultList">
29      {{#each items as |item|}}
30        <li class="template_listItem" tIndex="0">
31          <div>
32            <div>
33              <i class="ms-Icon ms-Icon--Minilink" aria-...
34              </div>
35            </div>
36          </div>
37        {{/each}}
38      {{/if}}
39    {{/each}}
40  </div>
41</div>
```

At the bottom of the dialog 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 on 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:

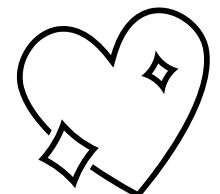
- Multilingual Quotes**: Modified on September 19, 2022.
- 0 to 10 Rating Scale**: Modified on September 18, 2022.
- Microsoft Graph PowerShell SDK for Common Operations**: Modified on September 8, 2022.
- Create a Blazor WebAssembly Outlook add-in**: Modified on September 6, 2022.
- Copy Views**: Modified 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.



DEMO

- **Copy Views SharePoint Framework Web Part**
– Martin Lingstuyl (I4-YOU)
- **Using the Azure AD on-behalf-of flow within your SharePoint Framework solution**
– 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 3rd at 07:00am PT**

Next M365 & Power Platform call: **October 27th at 07:00am PT**

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

aka.ms/m365pnp

