

Your host in this call:
Paolo Pialorsi (PiaSys)

Viva Connections & SharePoint Framework Bi-weekly sync

October 6th, 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
 - Derek Cash-Peterson (Sympraxis Consulting) – Building a Help Desk Adaptive Card Extension for Microsoft Viva
 - Joel Rodrigues (Storm Technology) – Getting started on building SPFx solutions with reusable open-source controls



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

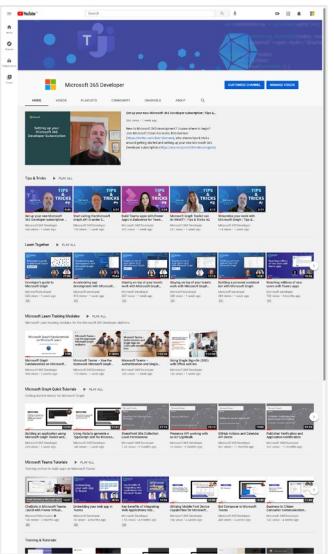
Provide Feedback

- 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.

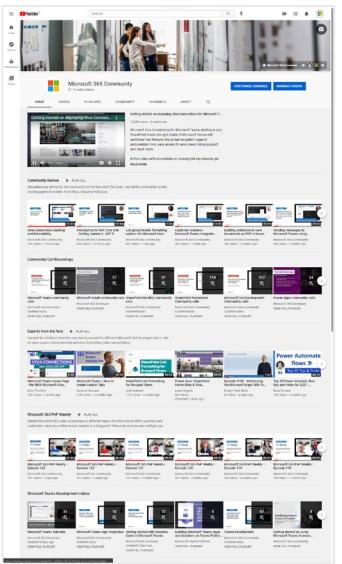
Request a demo spot on the call
<https://aka.ms/m365pnp/request/demo>

Microsoft 365 developer videos



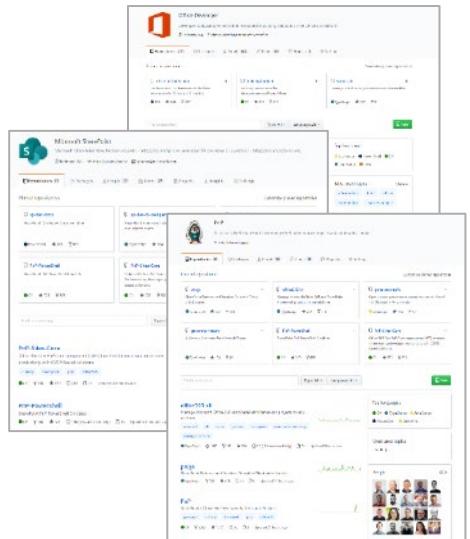
aka.ms/m365devyoutube

Microsoft 365 community videos



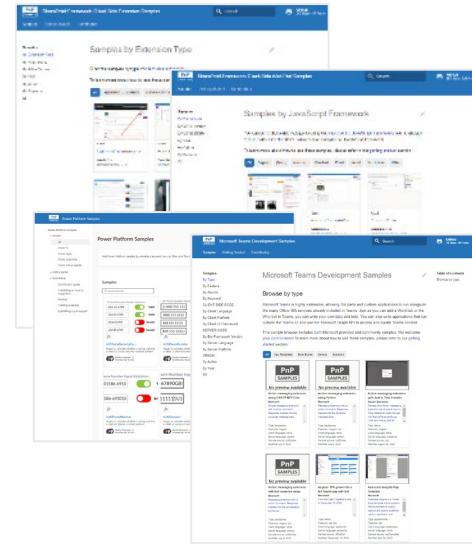
aka.ms/m365/videos

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>

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 11th 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
- **Samriddhi Seth, Cameron Parker** - Introduction to Records Management APIs on Microsoft Graph
- **Garry Trinder, Ayca Bas** - Build your first Command bot for Microsoft Teams with Teams Toolkit for Visual Studio Code

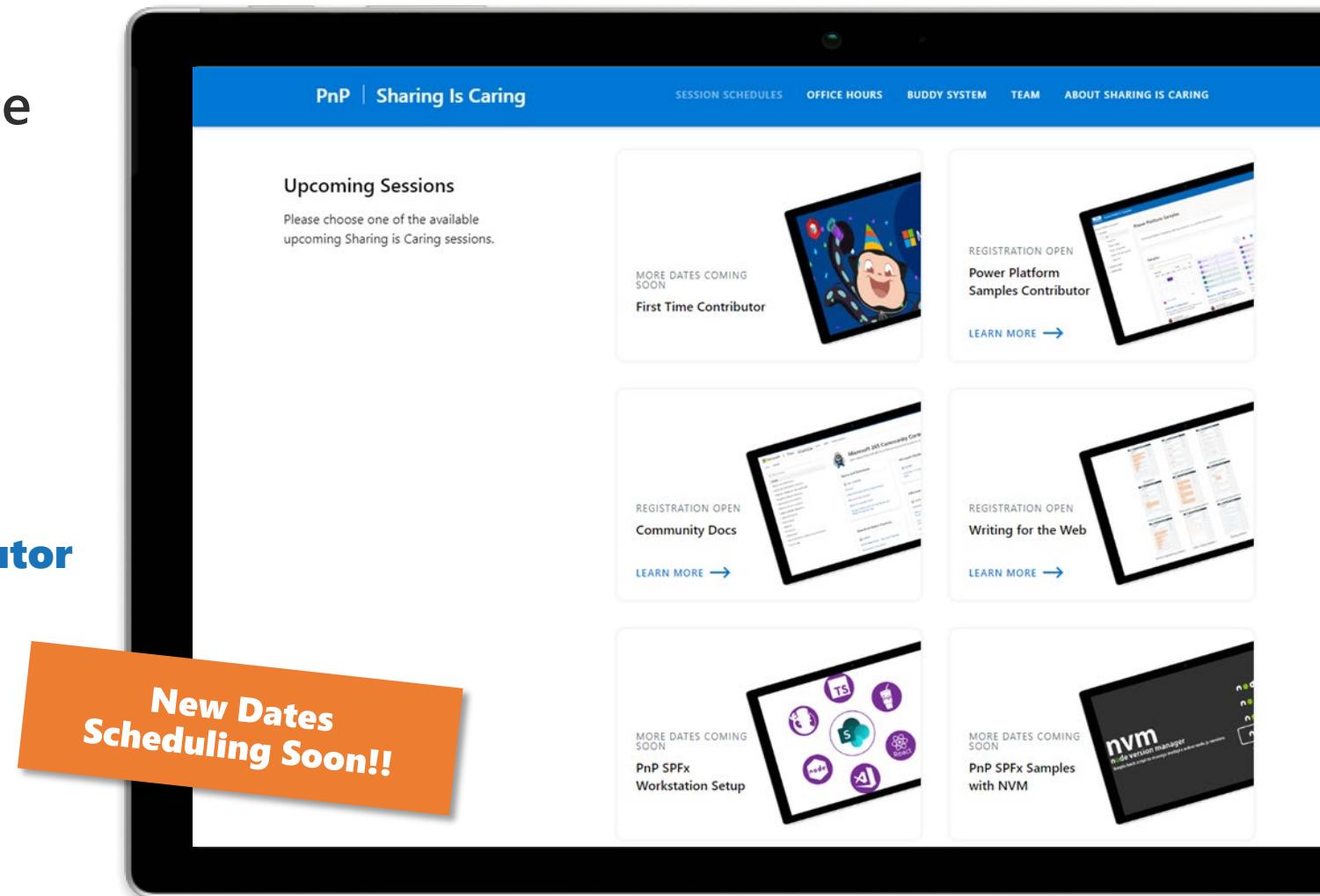


GUIDANCE

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**



<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

Microsoft Viva Home experience

<https://aka.ms/microsoftviva/blog>

The screenshot displays the Microsoft Viva Home experience interface. On the left, there's a sidebar with icons for Viva, Activity, Chat, Team, Calendar, and Calls. The main header says "Microsoft Viva" and "The Landing". The dashboard features a "Good morning, Lynne" greeting and several cards: "Tasks" (1 urgent task due), "Viva Learning" (3 overdue and 10 upcoming trainings), "Headspace" (workday flow state), "Reflection" (Check in), "Protect time" (Book focus time), "Praise" (Send congrats), "Effective meetings" (Set up a customized meeting plan), and "Feedback" (Get perspectives). To the right is the "Feed" section, which shows news items like "Company News" and "Innovation", along with video thumbnails. A large callout box on the left side highlights "Extensibility with SPFx" with "Learn more" and "Get started" buttons.

Extensibility with SPFx

[Learn more](#) [Get started](#)

Dashboard

Good morning, Lynne

Viva Insights Viva Learning Viva Topics Viva Module Viva Module Viva Module Name

Feed

Boosted Company News Yesterday at 12:30 PM 624 119 AMA with Patty Fernandez With sat down with Patty and asked all ... Book now

Innovation Yesterday at 9:30 AM Watch the future of drone technology as Allan Deyoung, lead technologist behind the AI model that brought ... Get feedback

Dashboard

Viva Learning You have 3 overdue and 10 upcoming trainings. Open

Tasks 1 urgent task due: Send analysis for Q4 +3 more tasks See all

Reflection Check in Stay on top of your feelings with regular check-ins Book now

Protect time Book focus time Mon Mar 14 3:00 PM - 5:00 PM Book now

Praise Send congrats to your colleagues Check-in

Effective meetings Set up a customized meeting plan for best practices Get started

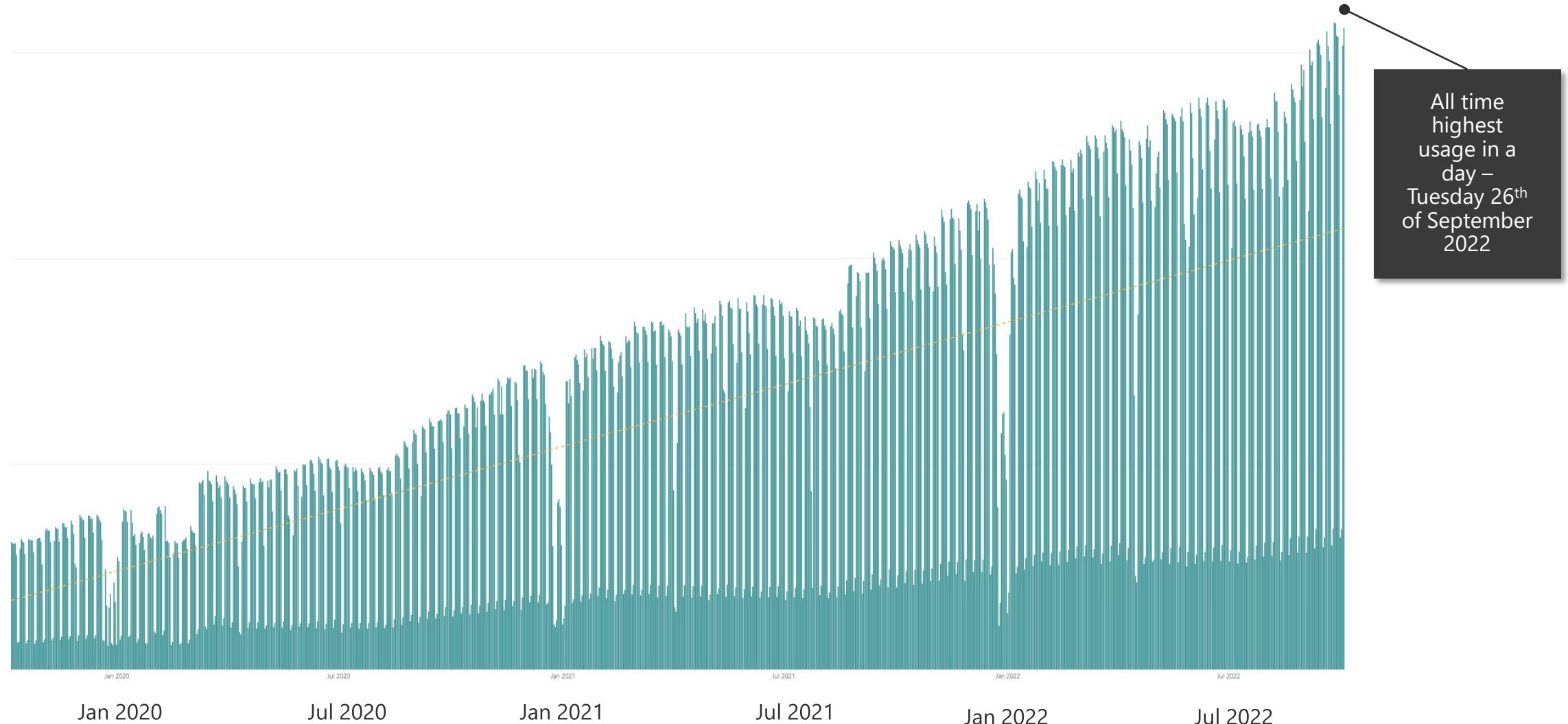
Feedback Get perspectives from the people you work with Learn more

Topics Knowledge Learn what Topics are popular in your organization Learn more

Headspace Find your workday flow state

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 updated preview version in upcoming 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 by end of 2022**
- **1.17 ETA in first quarter of 2023**

and more across Microsoft Viva, Microsoft Teams and SharePoint... and more.

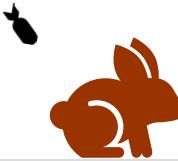


PnPjs Client-Side Libraries





PnPjs Client-Side Libraries

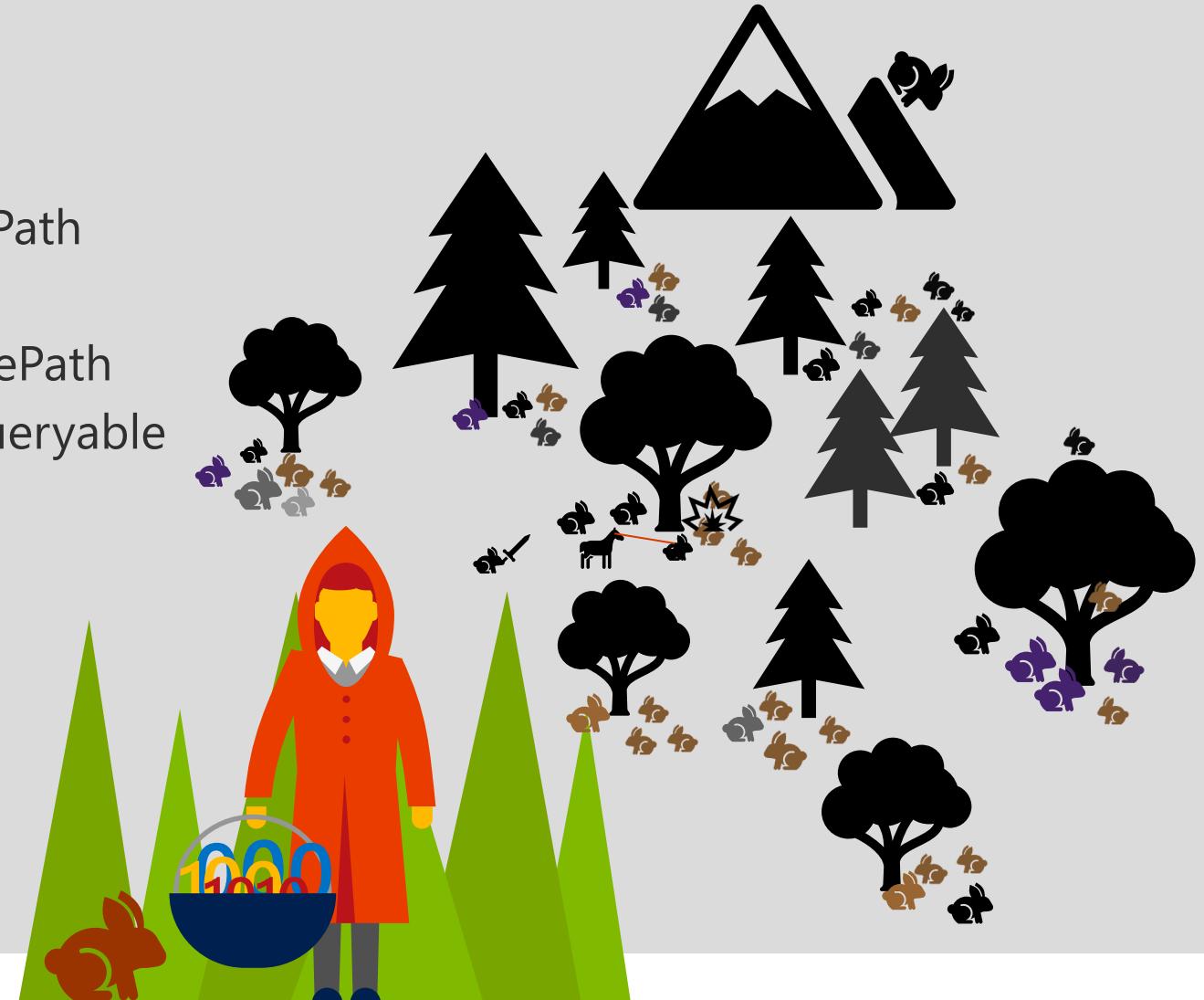


Version 3.8 to be released Oct 14th

- 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 5.8 release with:

- Support for executing custom web requests
- Support for retrieving a list of OneNote notebooks
- Support for retrieving API level changes in Microsoft Graph
- Support for managing SharePoint Online web and list item role assignments
- Support for creating SharePoint Online role definitions
- Support for updating SharePoint Online content types
- And more...

Install and run 5.8 :

```
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/#v580>

The screenshot shows the GitHub profile page for the CLI for Microsoft 365 repository. The page title is "CLI for Microsoft 365" with 472 tweets. A banner at the top reads "PnP CLI MICROSOFT 365". Below the banner, there are tabs for Home, User Guide, Commands, Concepts, Sample Scripts, and About. The main content area features a cartoon character wearing a blue shirt with "PnP" on it, and text explaining 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, Cmder or PowerShell, using the CLI for Microsoft 365 you can configure Microsoft 365, manage SharePoint Framework projects and build automation scripts." At the bottom right, there is a blue button labeled "Following". A large blue banner on the right side of the page says "V6 ETA November '22".

🐦 [@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

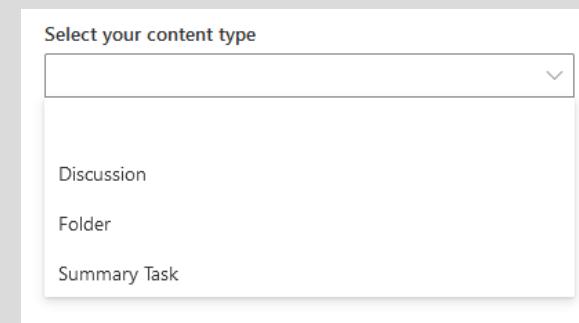
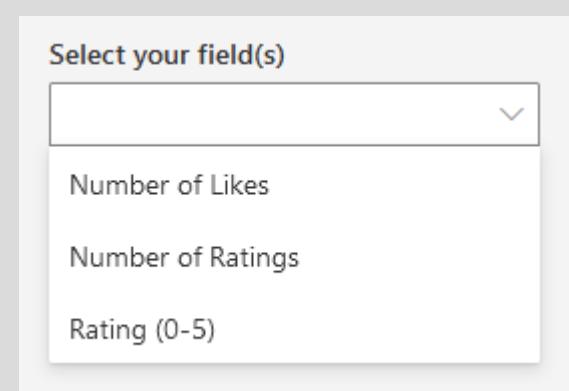
Release notes: <https://pnp.github.io/sp-dev-fx-property-controls/about/release-notes/>

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 and a dropdown menu for filtering by product. Below this, there's a list of sample solutions, each with a preview image, title, description, and modification date. The samples include:

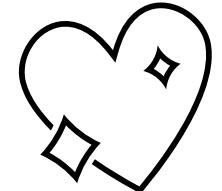
- Multilingual Quotes
- 0 to 10 Rating Scale
- Microsoft Graph PowerShell SDK for Common Operations
- Create a Blazor WebAssembly Outlook add-in
- Copy Views
- Get notified in Microsoft Teams about SharePoint health incidents

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 light grey sweatshirt and beige pants is pointing towards 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 person, partially visible behind her, is also looking at the board. The whiteboard has some handwritten text and diagrams. In the foreground, there's a wooden desk and some office chairs.

DEMO

- Building a Help Desk Adaptive Card Extension for Microsoft Viva
 - Derek Cash-Peterson
(Sympraxis Consulting)
- Getting started on building SPFx solutions with reusable open-source controls
 - Joel Rodrigues (Storm Technology)

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: **October 20th at 07:00am PT**
Next M365 & Power Platform call: **October 13th at 07:00am PT**
All available community calls from <https://aka.ms/m365/calls>

