

Your host in this call:
Paolo Pialorsi (PiaSys)

Viva Connections & SharePoint Framework Bi-weekly sync

December 15th, 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
 - **Luis Mañez** – Using custom SDK built with Microsoft Graph Kiota generator within SharePoint Framework solution
 - **Kunj Balkrishna Sangani** - Building an ACE for showing real time trade prices of stocks



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

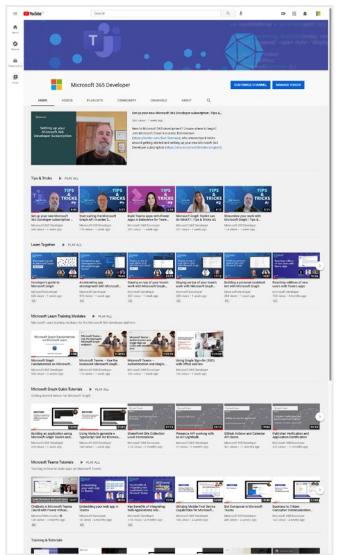
Provide Feedback

- 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.

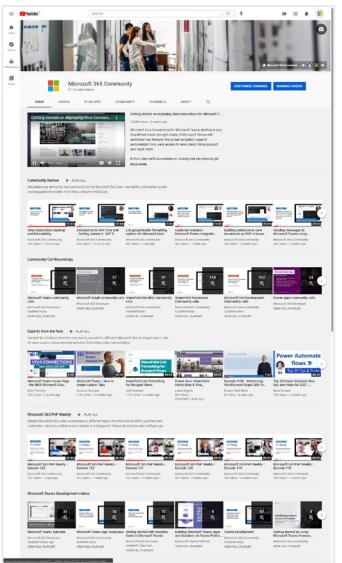
Request a demo spot on the call
<https://aka.ms/m365pnp/request/demo>

Microsoft 365 developer videos



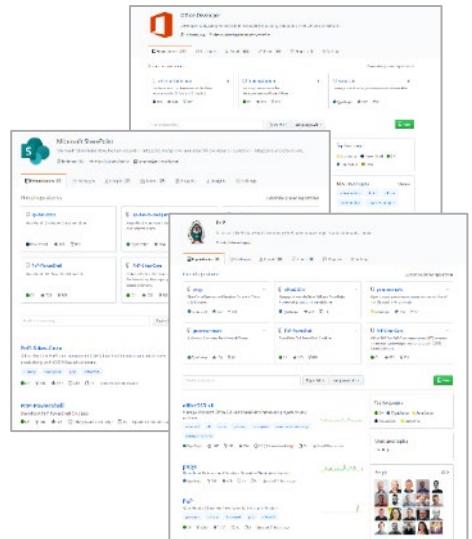
aka.ms/m365devyoutube

Microsoft 365 community videos



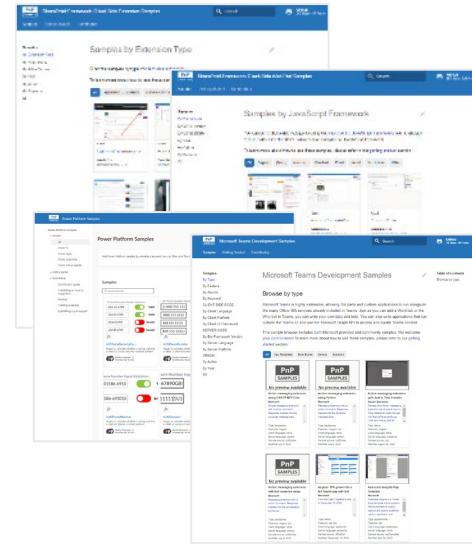
aka.ms/m365/videos

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>

Microsoft identity platform
Office Add-ins
Power Platform

<https://aka.ms/IDDevCommunityCalendar>
<https://aka.ms/officeaddinscommunitycall>
<https://aka.ms/PowerPlatformCommunityCall>

Microsoft 365 & Power Platform community (bi-weekly)
Viva Connections & SharePoint Framework (bi-weekly)

<https://aka.ms/m365-dev-sig>
<https://aka.ms/spfx-call>

Download recurrent invites from

<https://aka.ms/m365/calls>

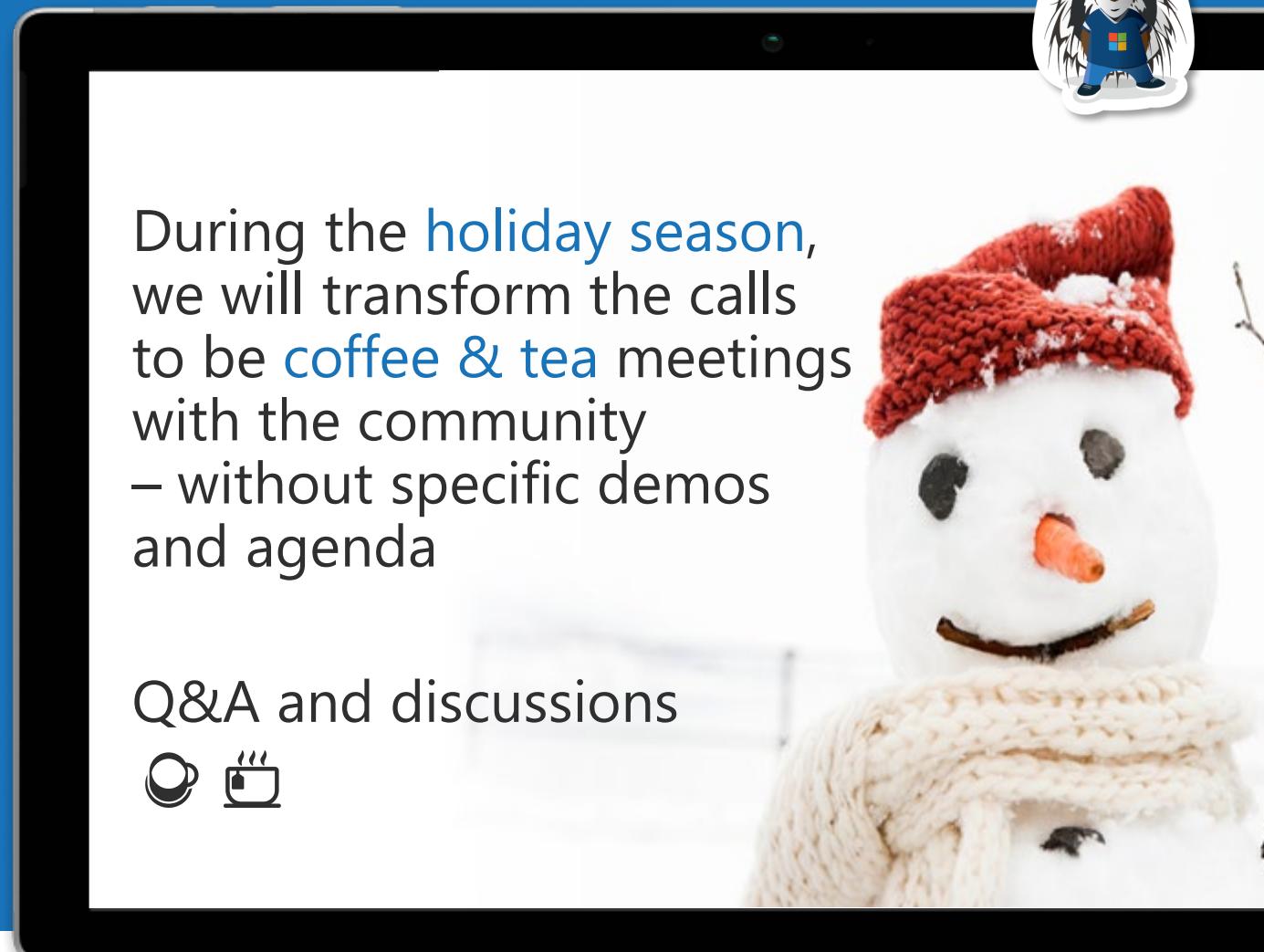
Microsoft 365 platform call

20th of December @8 AM PT

<https://aka.ms/m365-dev-call>

During the **holiday season**, we will transform the calls to be **coffee & tea** meetings with the community – without specific demos and agenda

Q&A and discussions



GUIDANCE

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

- **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

The image shows a tablet displaying the "Sharing Is Caring" website. The header reads "PnP | Sharing Is Caring" with links for "SESSION SCHEDULES", "OFFICE HOURS", "BUDDY SYSTEM", "TEAM", and "ABOUT SHARING IS CARING". Below the header, there's a section titled "Upcoming Sessions" with the sub-instruction "Please choose one of the available upcoming Sharing is Caring sessions.". Six session cards are displayed in a grid:

- First Time Contributor**: MORE DATES COMING SOON. Includes a cartoon character icon.
- Power Platform Samples Contributor**: REGISTRATION OPEN. Includes a screenshot of a Power Platform interface.
- Community Docs**: REGISTRATION OPEN. Includes a screenshot of a Microsoft 365 Community site.
- Writing for the Web**: REGISTRATION OPEN. Includes a screenshot of a "Writing for the Web" page.
- PnP SPFx Workstation Setup**: MORE DATES COMING SOON. Includes a screenshot of various developer icons.
- nvm Node Version Manager**: MORE DATES COMING SOON. Includes a screenshot of the nvm command-line interface.

An orange callout box in the bottom-left corner of the tablet screen says "New Sessions Scheduled!!!".

<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 1.16.1 Version

See release notes for further details

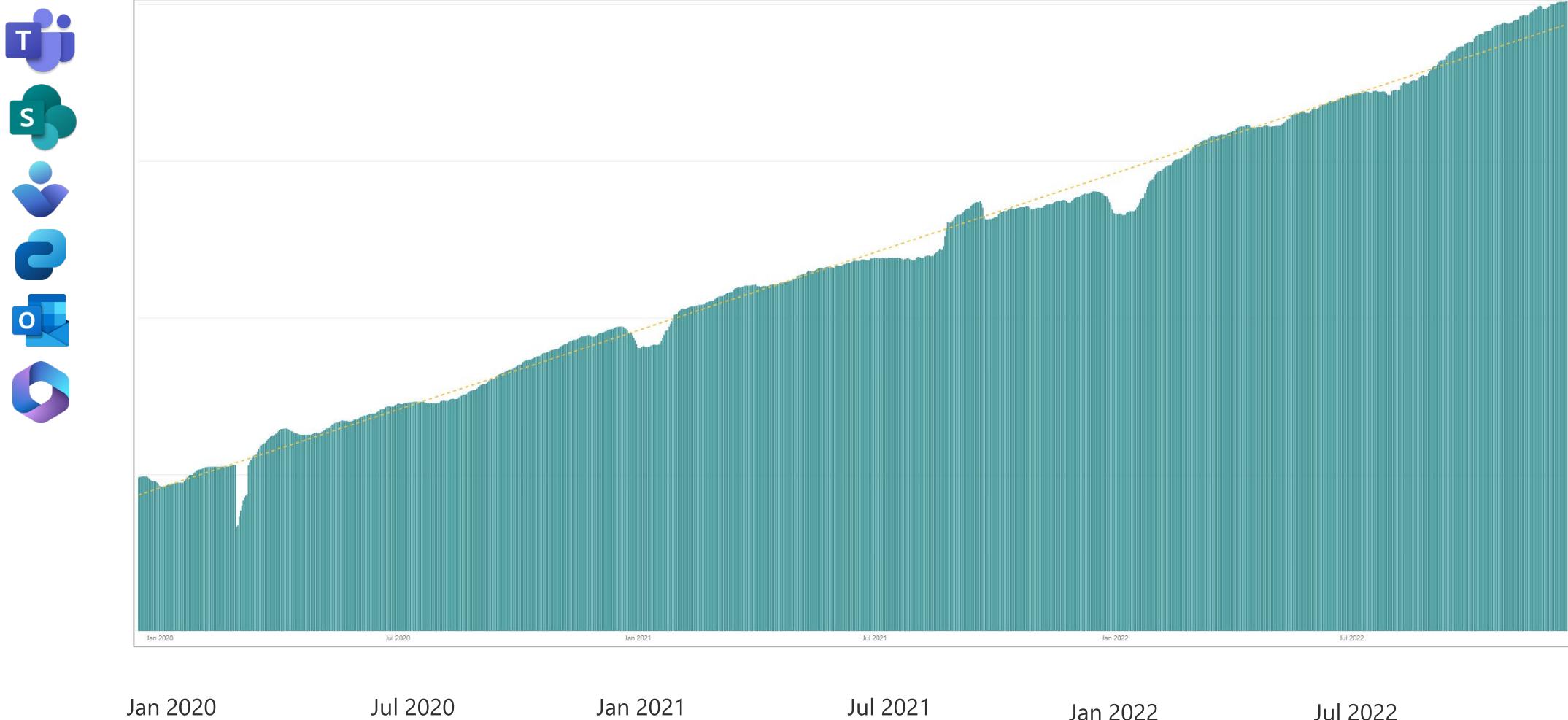
Released on 30th of November

The screenshot displays the SharePoint Framework 1.16.1 dashboard, which integrates multiple Microsoft services. At the top, there are three cards: "Lead Assist Dashboard" from Microsoft Teams, "Lead Assist Dashboard" from Outlook, and "Lead Assist Dashboard" from Office. Below these are two circular progress indicators labeled "Sales" and "Revenues". A chart shows activity overview data for January to July, with Team calls at 1130, Emails at 740, and Texts at 910. The "My day" section lists tasks: X1050 Marketing sync (7:30 PM - 8:20 PM, Microsoft Teams), Website Review (1:00 PM - 1:50 PM, Microsoft Teams), Social Media Campaign (2:00 PM - 2:30 PM, Microsoft Teams), and Core Web Team Sync (3:30 PM - 4:00 PM, Microsoft Teams). The "Open leads" section lists several items under "Title" and "Description". To the right, there's a sidebar with icons for File, Grid, Button, List, and Tiles, and a large red heart with a bandage. On the far right, a mobile phone screen shows the Microsoft Viva app interface.



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

There are currently tens of millions of monthly active users for custom SharePoint Framework components in Microsoft 365 created by partners and customers



The Road Ahead – SPFx roadmap

- **1.16.1 General Availability on 30th of November**
 - 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 (preview) - 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
 - Node v18 support, React update and more technical updates
 - 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.

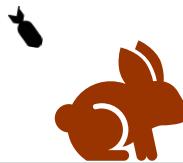


PnPjs Client-Side Libraries





PnPjs Client-Side Libraries

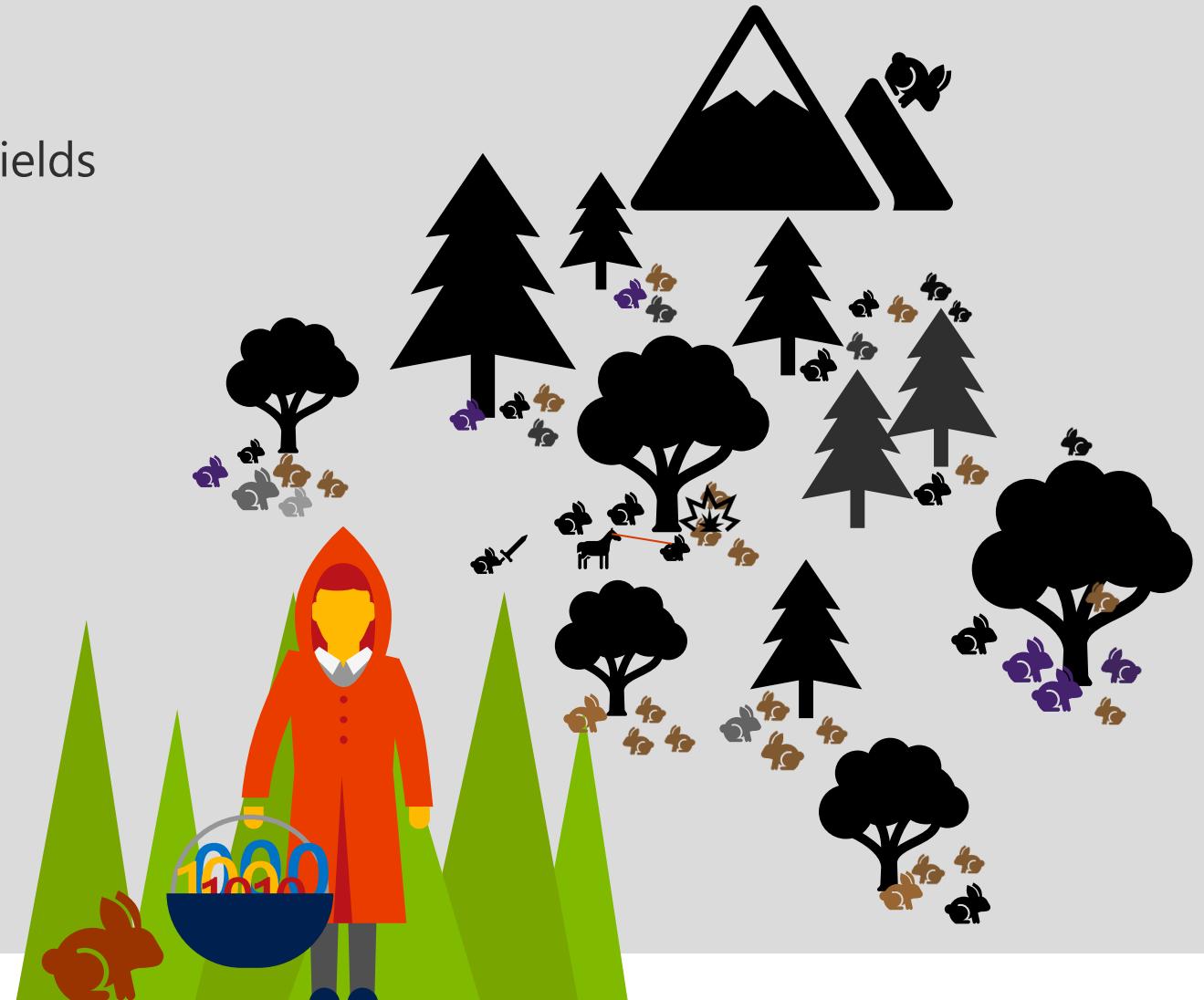


Version 3.10 released Dec 13th

- General documentation updates
- Fix for cachingPessimistic behavior
- Fix getSharingInformation to allow selecting fields
- Addition of add/update/delete for Taxonomy
- Updates to Graph – OneDrive endpoint

Don't forget about the nightly builds

npm install @pnp/sp@v3nightly --save



CLI for Microsoft 365





CLI for Microsoft 365

New v6.1 beta:

- **SharePoint Framework**, support for upgrading projects to v1.16.1
- **Microsoft Planner**, update Planner plans
- **Power Platform**, get and remove chat bots, list rows in Dataverse tables, add solution publisher to environment
- **Microsoft Purview**, list and remove retention labels
- **Microsoft Teams**, list all attendance reports for a Teams meeting
- ...and more!

Install and run v6.1 beta:

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

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

Release notes:

<https://pnp.github.io/cli-microsoft365/about/release-notes/#v610-beta>

The screenshot shows the GitHub profile page for the CLI for Microsoft 365 repository. At the top, it says "472 Tweets". Below that is the repository header with "PnP CLI MICROSOFT 365" and tabs for Home, User Guide, Commands, Concepts, Sample Scripts, and About. The main content area features a cartoon character wearing a PnP shirt. A large text block explains the tool'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." On the right side, there are sections for Table of contents, Installation, Getting started, SharePoint Patterns and Practices, and a QR code linking to 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 – 3.12.0

- Enhancements for DynamicForm and SitePicker
- SPFx v1.16.0 support
- Various fixes

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



React Property Controls – 3.11.0

- SPFx v1.16.0 support
- Various fixes

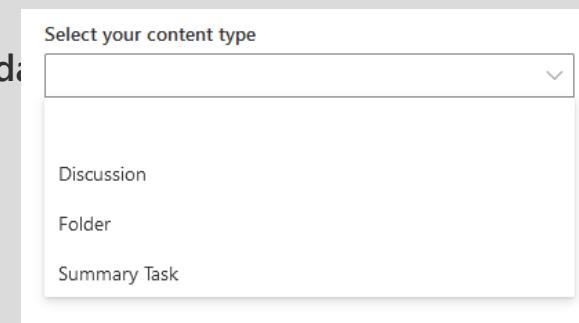
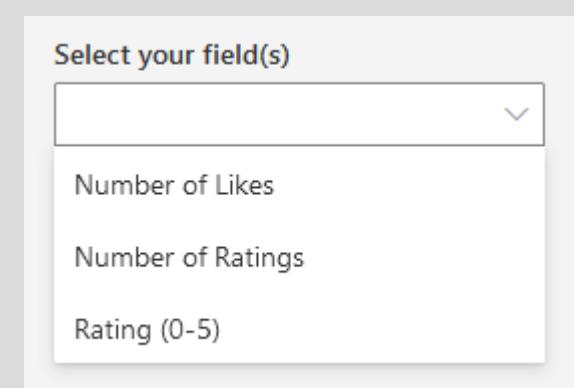
Release notes: <https://pnp.github.io/sp-dev-fx-property-controls/about/release-notes/>

Special thanks to our contributors: Carlos Marins Jr, Chad Eiserloh, Chandan Prajapati, Edin Kacic, Hilton Giesenow, Josef Benda, Nello D'Andrea, Nishkalank Bezawada, Nizar Grindi, Paolo Pialorsi, Patrik Hellgren, Peter Paul Kirschner, 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 – (the ESPC22 release)**
 - <https://github.com/microsoft-search/pnp-modern-search/releases>

Thank you edarroudi, salasz, ferrarirosso, PaoloPia, brianpmccullough, asadrefai, Porantim, patrikhellgren, davemehr, emilyk0520

 - SPFx v1.15.2 update
 - Support for actionable Adaptive Cards (like in Viva)
 - See release notes for fixes and new features
- **Will stop doing v3 updates as it's been about a year with Mikael not caring to code on it 😊**

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

- Boostez votre recherche SharePoint grâce aux Microsoft Cognitive Services!** (PDF icon) - A document from MSReBUILD 2017.
- A Guide to Assessing SharePoint Server Licensing** (Word icon) - A document from Microsoft giving an overview of licensing for SharePoint Server 2010, 2007, and 2003.
- GS09.PPTX** (PPT icon) - A presentation slide titled 'Unlock creativity and empower teamwork in the modern workplace ...'.

Below the search results, there is a 'Get started: Office 365' card.

On the right side of the screen, there is an 'Edit results template' dialog box. It shows the HTML/CSS code for the search results template. The code includes sections for styling, promoted results, and standard search results. The dialog has 'Save' and 'Cancel' buttons at the bottom.

PnP SPFx Samples

**PnP
SAMPLES**



PnP SPFx Samples

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

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

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

The screenshot shows the Microsoft Adoption Sample Solution Gallery. The page has a header with the Microsoft logo and 'Microsoft Adoption' followed by navigation links: Roles, Products, Solutions, Resources, and Training. A large teal banner on the right side says 'THANK YOU ALL FOR SHARING'. Below the banner, there are several cards representing different SPFx samples:

- Multilingual Quotes**: Modified on September 19, 2022. Description: A provider host web part that allows users to enter multiple languages and automatically translates them.
- 0 to 10 Rating Scale**: Modified on September 18, 2022. Description: A provider host web part that allows users to rate items on a scale from 0 to 10.
- Microsoft Graph PowerShell SDK for Common Operations**: Modified on September 8, 2022. Description: A provider host web part that demonstrates how to use the Microsoft Graph PowerShell SDK for common operations.
- Create a Blazor WebAssembly Outlook add-in**: Modified on September 6, 2022. Description: A provider host web part that shows how to create a Blazor WebAssembly Outlook add-in.
- Copy Views**: Modified on September 12, 2022. Description: A provider host web part that demonstrates how to copy views between lists.
- SPO Recover Deleted Meeting Recordings**: Modified on September 7, 2022. Description: A provider host web part that shows how to recover deleted meeting recordings in SharePoint Online.
- Get notified in Microsoft Teams about SharePoint health incidents**: Modified on August 25, 2022. Description: A provider host web part that integrates SharePoint health monitoring with Microsoft Teams.

On the left side of the gallery, there is a search bar, a dropdown menu for sorting ('Newest to oldest'), and a sidebar with a 'Products' section containing a list of Microsoft products (Microsoft Lists, Microsoft Lists, Microsoft Teams, Azure AD, Office, Power Apps, Power Automate, Power Fx, SharePoint, Viva, Microsoft Graph, Microsoft Graph Toolkit, OneDrive) each with a radio button next to it. There is also a 'Reset filters' button.



PnP SPFx ACEs

- **Simple Search in Adaptive Card**

Marcin Wojciechowski | @mgwojciech

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

The screenshot displays the SharePoint search interface with three main components:

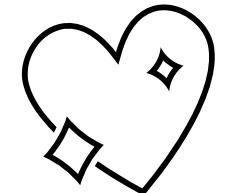
- Document search (Left):** An adaptive card extension titled "Adaptive Card Extension". It features a search bar with the text "Test" and a "Search" button.
- News search (Top Right):** A standard search card titled "Search" with the sub-instruction "Search for SharePoint items". It includes a "Quick view" button.
- Search results (Center and Right):** The main search results pane shows several items:
 - Test Page:** Test Team, 6/13/2022
 - Test post:** MWDev, 8/8/2019
 - Test Post 1:** SpikeCommunicationSite, 10/22/2019
 - Test 2:** SpikeCommunicationSite, 8/8/2019
 - Test 3:** SpikeCommunicationSite, 8/8/2019
 - Test news 17-11-2020-1:** West US, 11/17/2020
- News search (Bottom Right):** Another standard search card titled "Search" with the sub-instruction "Search for SharePoint items". It includes a "Quick view" button.
- Document search (Bottom Right):** A standard search card titled "Search" with the sub-instruction "Search for SharePoint items". It includes a "Quick view" button.

At the bottom of the screenshot, there is a URL: <https://aka.ms/spfx-aces>.

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 white shirt is pointing at a whiteboard with a marker. Two other people, a man and a woman, are looking at the board. They are standing in front of a whiteboard with some handwritten notes. In the background, there's a wooden desk and some office equipment.

DEMO

- Using custom SDK built with Microsoft Graph Kiota generator within SharePoint Framework solution
 - Luis Mañez
- Building an ACE for showing real time trade prices of stocks
 - Kunj Balkrishna Sangani

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: **December 29th at 07:00am PT**

Next M365 & Power Platform call: **December 22nd at 07:00am PT**

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

