

Your host in this call:
Vesa Juvonen

Viva Connections & SharePoint Framework Bi-weekly sync

December 29th, 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
 - Viva Connections Toolkit VS Code extension
 - PnP Search web parts
- New Community Samples
- Picture time with Together Mode!
- Demos
 - Sergej Schwabauer - Password Vault Web Part & quick links extension
 - Nico De Cleyre (Ordina Belgium) - My experience as a first-time contributor to CLI for Microsoft 365



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

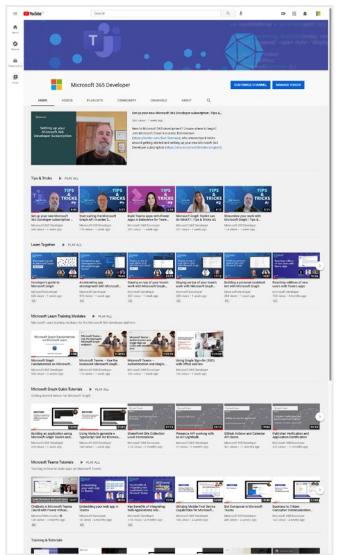
Provide Feedback

- 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.

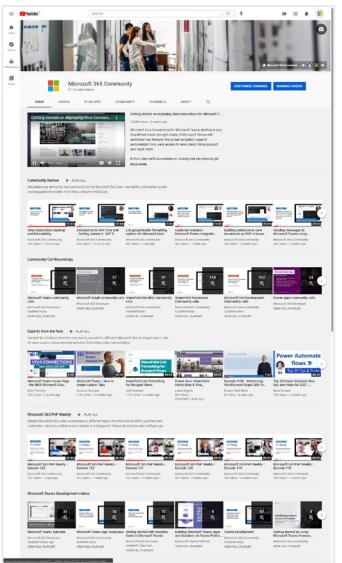
Request a demo spot on the call
<https://aka.ms/m365pnp/request/demo>

Microsoft 365 developer videos



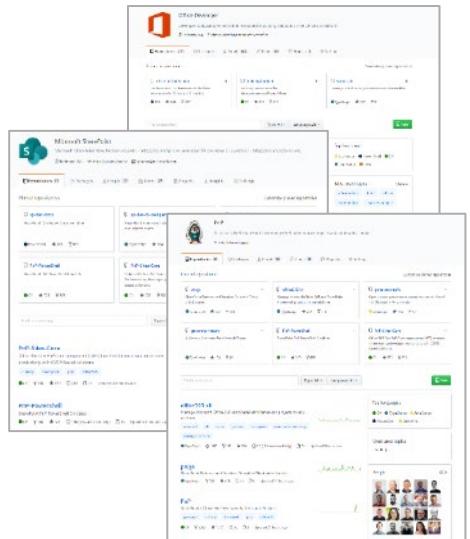
aka.ms/m365devyoutube

Microsoft 365 community videos



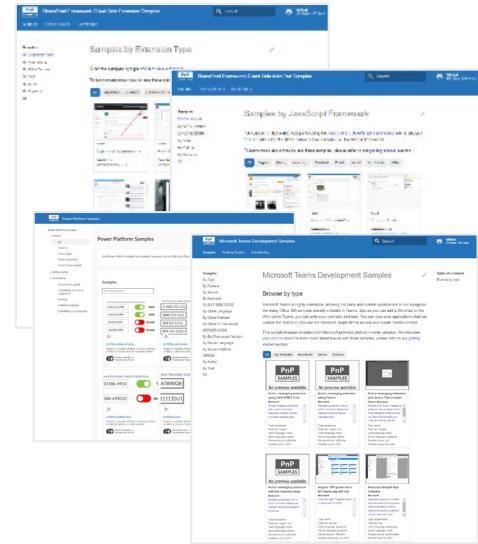
aka.ms/m365/videos

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/community/calls>

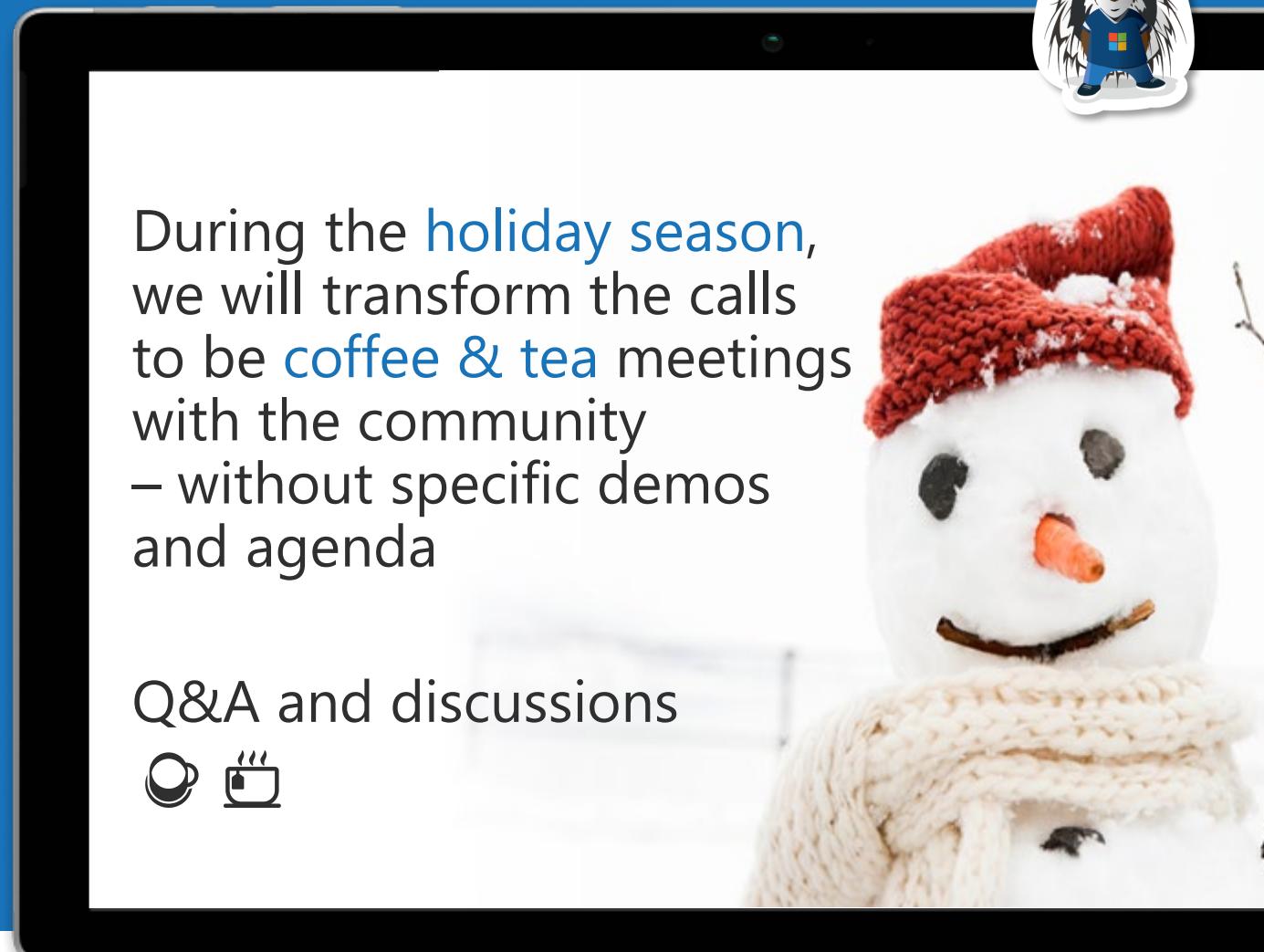
Microsoft 365 platform call

3rd of January @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 top navigation bar includes links for SESSION SCHEDULES, OFFICE HOURS, BUDDY SYSTEM, TEAM, and ABOUT SHARING IS CARING. The main content area features a section titled 'Upcoming Sessions' with the sub-instruction 'Please choose one of the available upcoming Sharing is Caring sessions.' Below this, there are six cards, each representing a different session:

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

An orange callout box in the bottom-left corner of the tablet screen contains the text 'New Sessions Scheduled!!!'.

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

COMMUNITY



Recognition Program

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



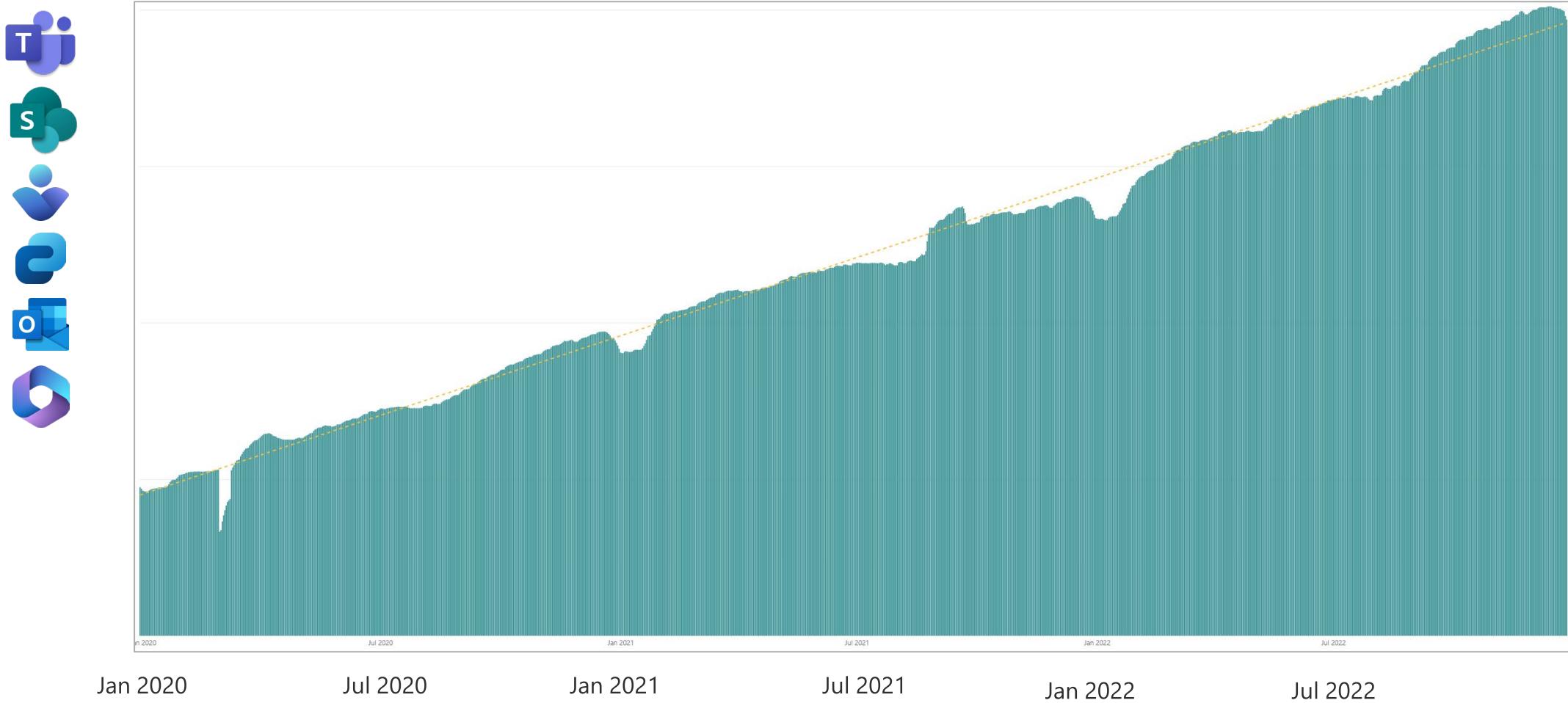
<https://aka.ms/m365pnp-recognition>

SharePoint Framework

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

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.

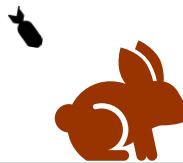


PnPjs Client-Side Libraries





PnPjs Client-Side Libraries

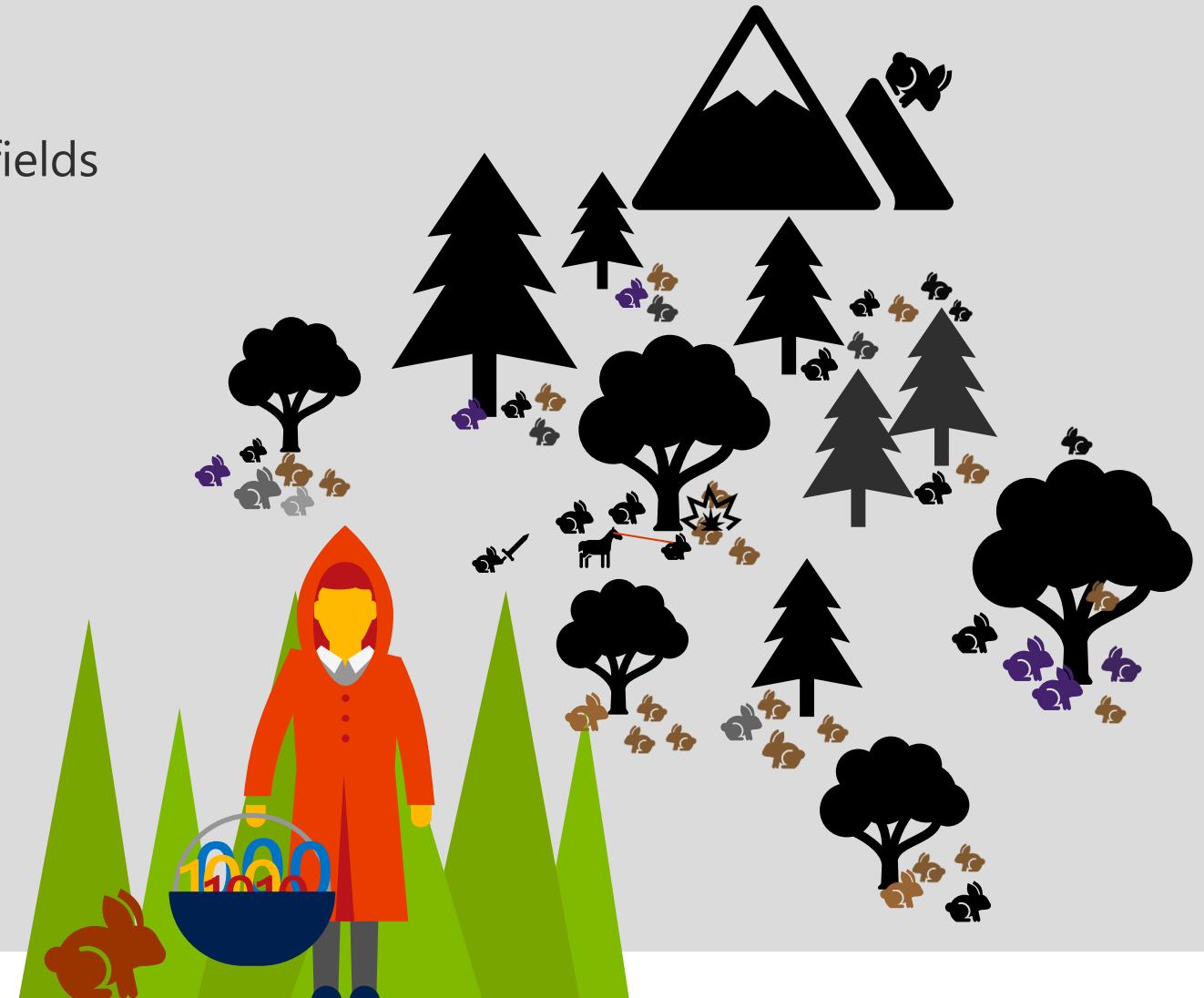


Version 3.10 released Dec 13th

- 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 Twitter profile page for the account @climicrosoft365. The profile picture is a cartoon character wearing a blue shirt with 'PnP' on it. The bio reads: "Using 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." The stats show 472 tweets. Below the bio is a dark banner with the text "CLI for Microsoft 365". On the right side of the profile page, there is a blue sidebar with links: "Table of contents", "Installation", "Getting started", "SharePoint Patterns and Practices". At the bottom right is 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 – 3.12.0

- 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

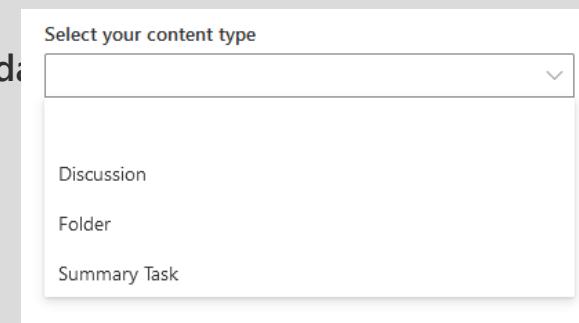
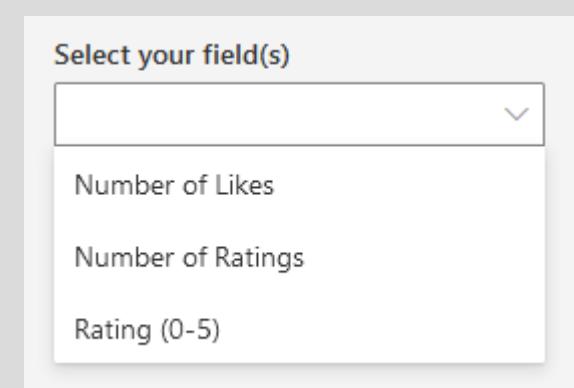
Release notes: <https://pnp.github.io/sp-dev-fx-property-controls/about/release-notes/>

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



Viva Connections Toolkit for Visual Studio Code



Viva Connections Toolkit for Visual Studio Code

Latest version 0.2.2 released on 29th of Dec

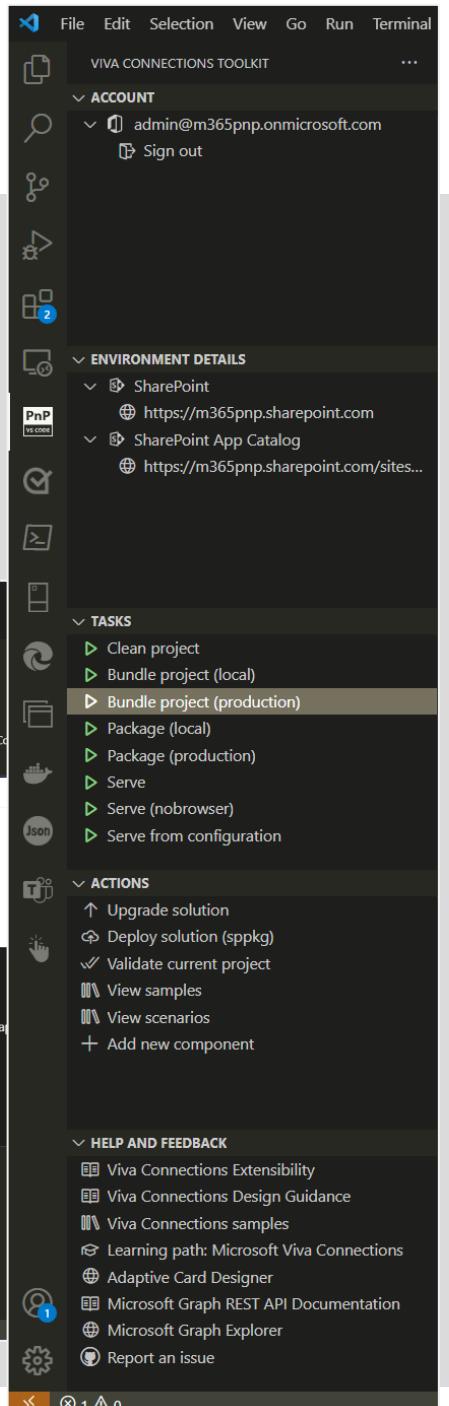
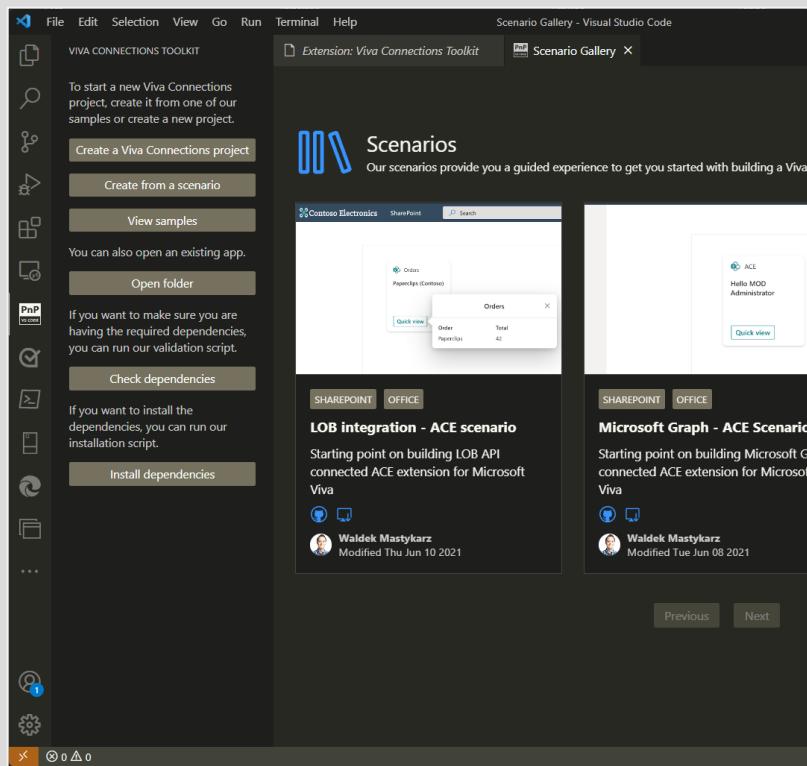
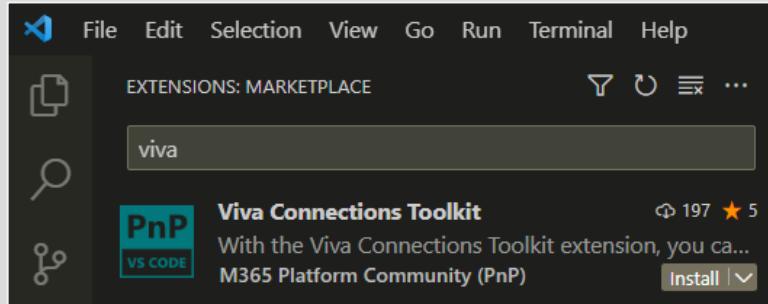
- Uses SPFx v1.16.1 and CLI for Microsoft 365 6.1.x behind the scenes with greatest features
- Improved scenario handling – start with the code tour showing how to get started
- Simplifies Viva Home/Viva Connections development
- Works with any SPFx solution with features like
 - Environment validation
 - Install dependencies
 - Operate directly with tenant
 - Gulp tasks, guidance, samples, scenarios easily available
 - ...and more!

Install directly from the VS Code extensions tab

GitHub location:

aka.ms/viva/vscode

We welcome contributions and feedback!



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>

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

***** 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. Below the header is a teal banner with the text 'THANK YOU ALL FOR SHARING'. The main content area is titled 'Sample Solution Gallery' with the sub-instruction 'Explore our sample gallery filled with solutions that integrate seamlessly to the Microsoft products you use the most.' On the left, there's a search bar and a dropdown menu for sorting ('Newest to oldest'). A sidebar lists 'Products' including Microsoft Lists, Microsoft Teams, Azure AD, Office, Power Apps, Power Automate, Power Fx, SharePoint, Viva, Microsoft Graph, Microsoft Graph Toolkit, and OneDrive. A 'Reset filters' button is also present. The main area displays several sample cards:

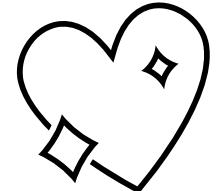
- Multilingual Quotes**: Modified on September 19, 2022.
- 0 to 10 Rating Scale**: Modified on September 18, 2022.
- Microsoft Graph PowerShell SDK for Common Operations**: Modified on September 8, 2022.
- Create a Blazor WebAssembly Outlook add-in**: Modified on September 6, 2022.
- Copy Views**: Modified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

Each card includes a small preview image, a title, a description, and a modified date. Below each card is a small profile picture of a person.

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 at a whiteboard with her right hand. A man in a black t-shirt and blue jeans stands to her left, looking down. Another woman in a striped blouse is partially visible behind them, also looking at the board. In the foreground, the legs and feet of the people are visible. To the right of the image, there is a large blue graphic element with the word "DEMO" in white capital letters.

DEMO

- **Password Vault Web Part & quick links extension**
– Sergej Schwabauer
- **My experience as a first-time contributor to CLI for Microsoft 365**
– Nico De Cleyre (Ordina Belgium)

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: **January 12th at 07:00am PT**

Next M365 & Power Platform call: **January 5th at 07:00am PT**

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

