

Viva Connections & SharePoint Framework Bi-weekly sync

March 9th, 2023

Microsoft 365 & Power Platform Community team

Your host in this call:
Hugo Bernier

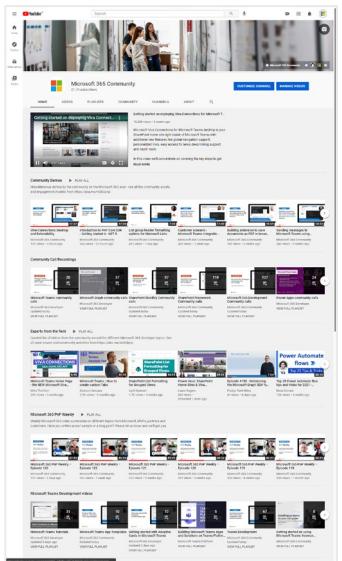


Agenda

- 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 samples
- Picture time with Together Mode!
- Demos
 - Luis Mañez (ClearPeople) - Build a SPFx solution to create AI generated images with DALL-E API
 - Nico De Cleyre (Ordina) - Build AI integration for Microsoft 365 using Chat GPT and SPFx solution



Microsoft 365 & Power Platform community videos



aka.ms/community/videos

Subscribe today!

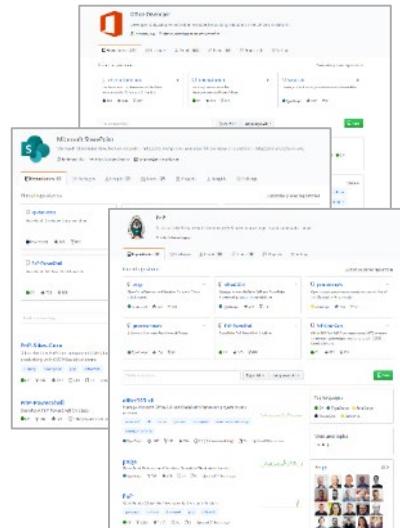
LinkedIn group for discussions



aka.ms/community/Li

Join today!

Open-source



github.com/pnp
github.com/OfficeDev
github.com/sharepoint
github.com/microsoftgraph

Sample galleries

The Sample Solution Gallery provides pre-built solutions for various Microsoft products. It includes:

- Products:** Microsoft Lists, Microsoft Teams, Azure AD, Office, Power Apps, Power Automate, Power Fx, SharePoint, Viva, Microsoft Graph.
- Solutions submitted by Waldik Martynkaz:**
 - One Productivity Hub
 - SPFx Form customizer
 - Workplace Recovery
 - Lead Dashboard 1
 - Review pending SharePoint item
 - Review SharePoint 2019
- Lead Dashboard:** A sample solution for creating a Microsoft Teams personal app.

aka.ms/community/samples

aka.ms/teams-samples

aka.ms/spfx-webparts

aka.ms/spfx-extensions

aka.ms/powerplatform-samples

aka.ms/list-formatting

Open-source initiatives and samples



aka.ms/community/home

Microsoft 365 & Power Platform community calls

Microsoft 365 & Power Platform
(Weekly with Microsoft Speakers)

<https://aka.ms/community/ms-speakers-call-invite>

Power Platform (monthly)

<https://aka.ms/PowerPlatformCommunityCall>

Microsoft identity platform (monthly)

<https://aka.ms/IDDevCommunityCalendar>

Office Add-ins (monthly)

<https://aka.ms/officeaddinscommunitycall>

Microsoft 365 and Power Platform community (bi-weekly)

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

Viva Connections & SharePoint Framework (bi-weekly)

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

Download recurrent invites from

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

Agendas for the calls published in social media and in

<https://aka.ms/community/meetup>



Request to Present

We welcome everyone to present a demo on the Microsoft 365 & Power Platform community calls

Everyone is welcome!!!

<https://aka.ms/community/request/demo>



Microsoft 365 & Power Platform (Microsoft Speakers)

14th of March @8 AM PT

- Latest news from Microsoft engineering on the [Microsoft 365 & Power Platform](#) topics
- Community together mode group photo
- **Waldek Mastykarz** – Microsoft Graph Hackathon – Recap on the second week
- **Gary Pretty**– Boost your conversations with GPT and PVA
- **Dan Wahlin** – Deploying the Azure Communications Services Application to Azure

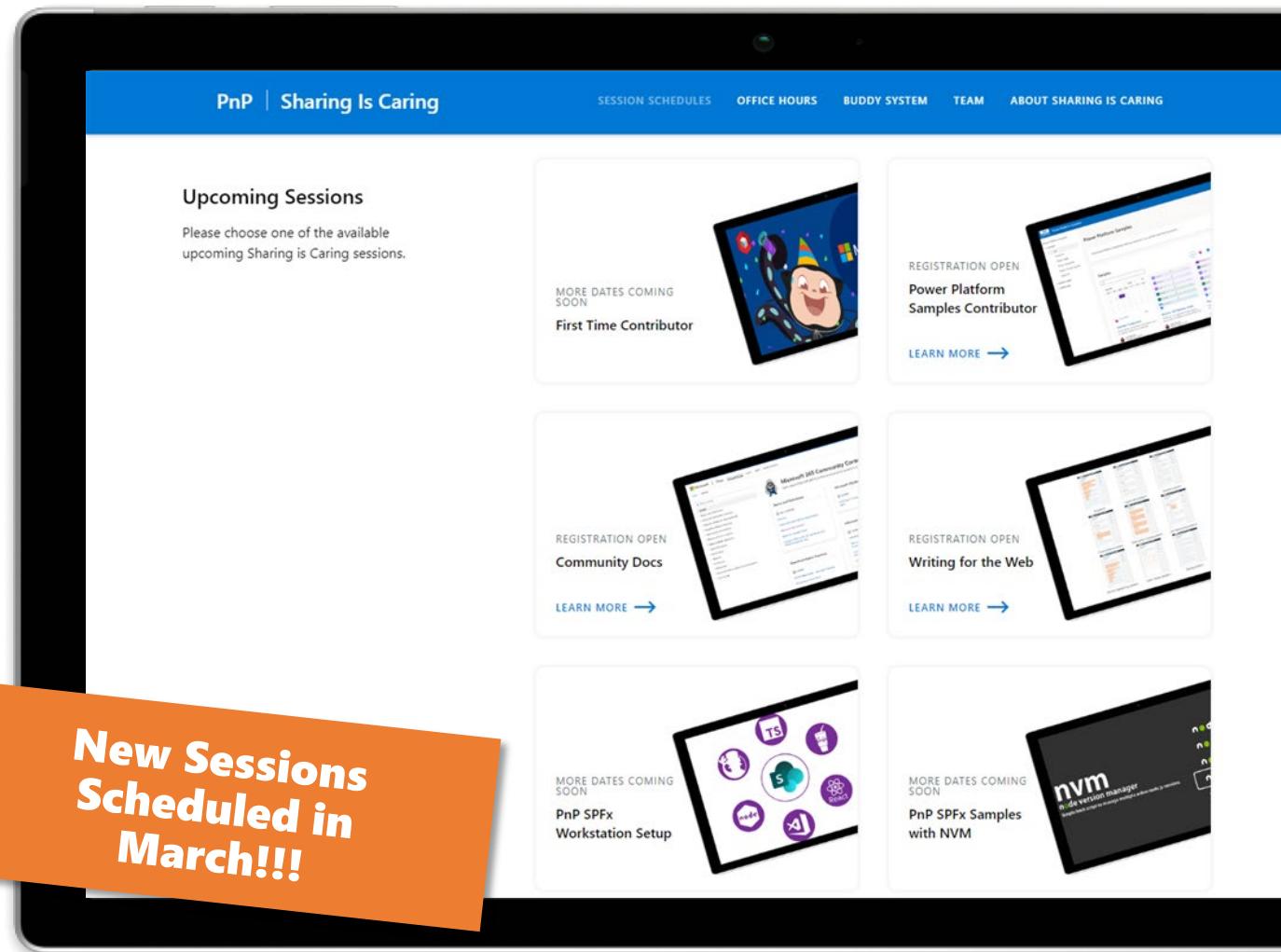
<https://aka.ms/community/ms-speakers-call-invite>



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



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

COMMUNITY



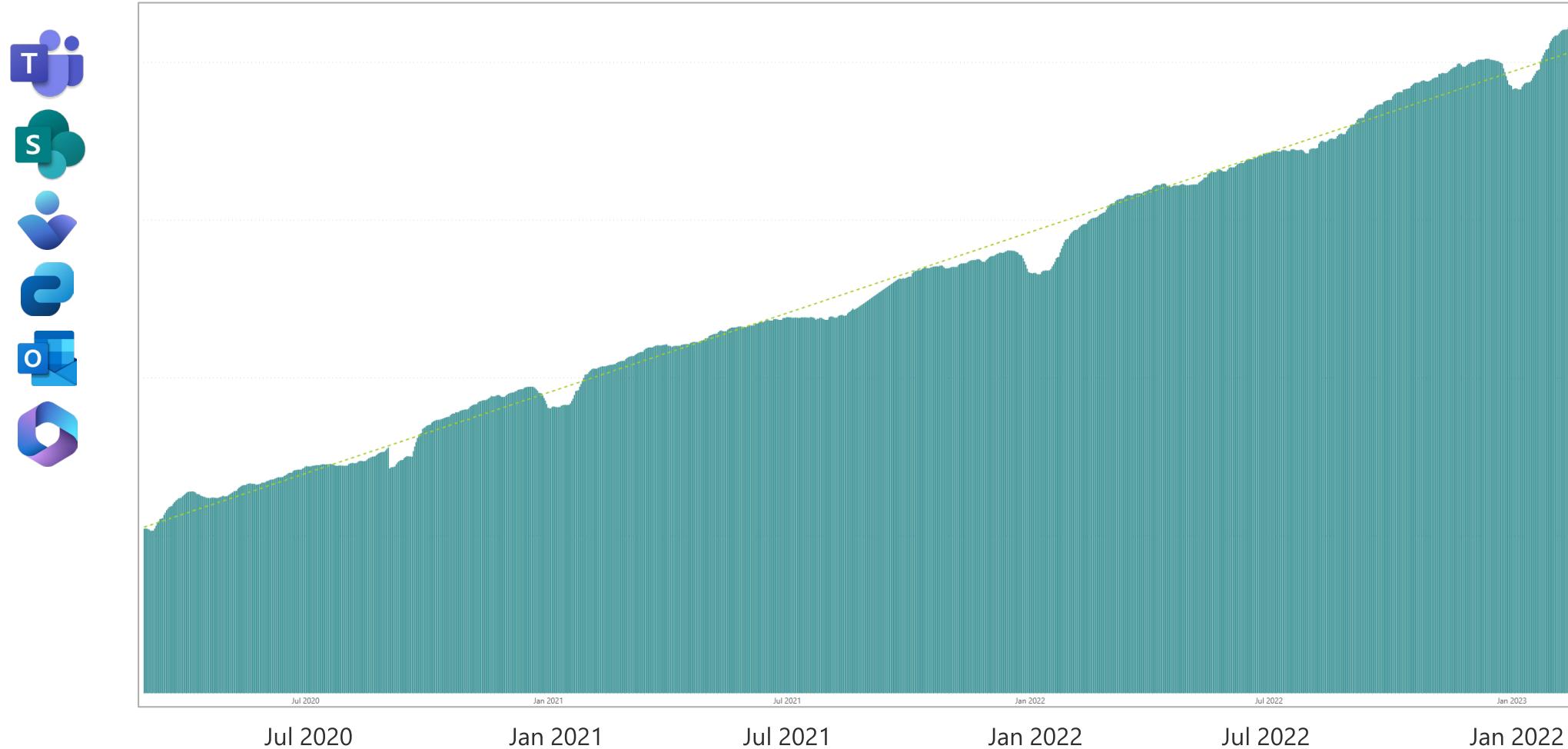
<https://aka.ms/community/recognition>

SharePoint Framework

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

Monthly active users 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**
 - Right version for production usage currently across Microsoft Viva, Microsoft Teams, Outlook, Microsoft 365 app and SharePoint ...
- **First 1.17 preview release out, more to come**
- **1.17 ETA in April 2023**
 - Pop-up support for token acquisition in browsers
 - Bump version of TeamsJS SDK to 2.7(+)
 - Web part top actions to Generally Available
 - Webpack 5 support
 - Bump to Teams manifest 1.13* in "Sync to Teams"
 - Adaptive Cards 1.5 schema support for Viva ACE Cards
 - Preview of bot framework driven Viva cards
 - Technical dependency updates
 - New features, capabilities and improvements across the feature stack

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



Open-source projects

Latest from the different open-source projects across the
Microsoft 365 & Power Platform community



PnPjs Client-Side Libraries

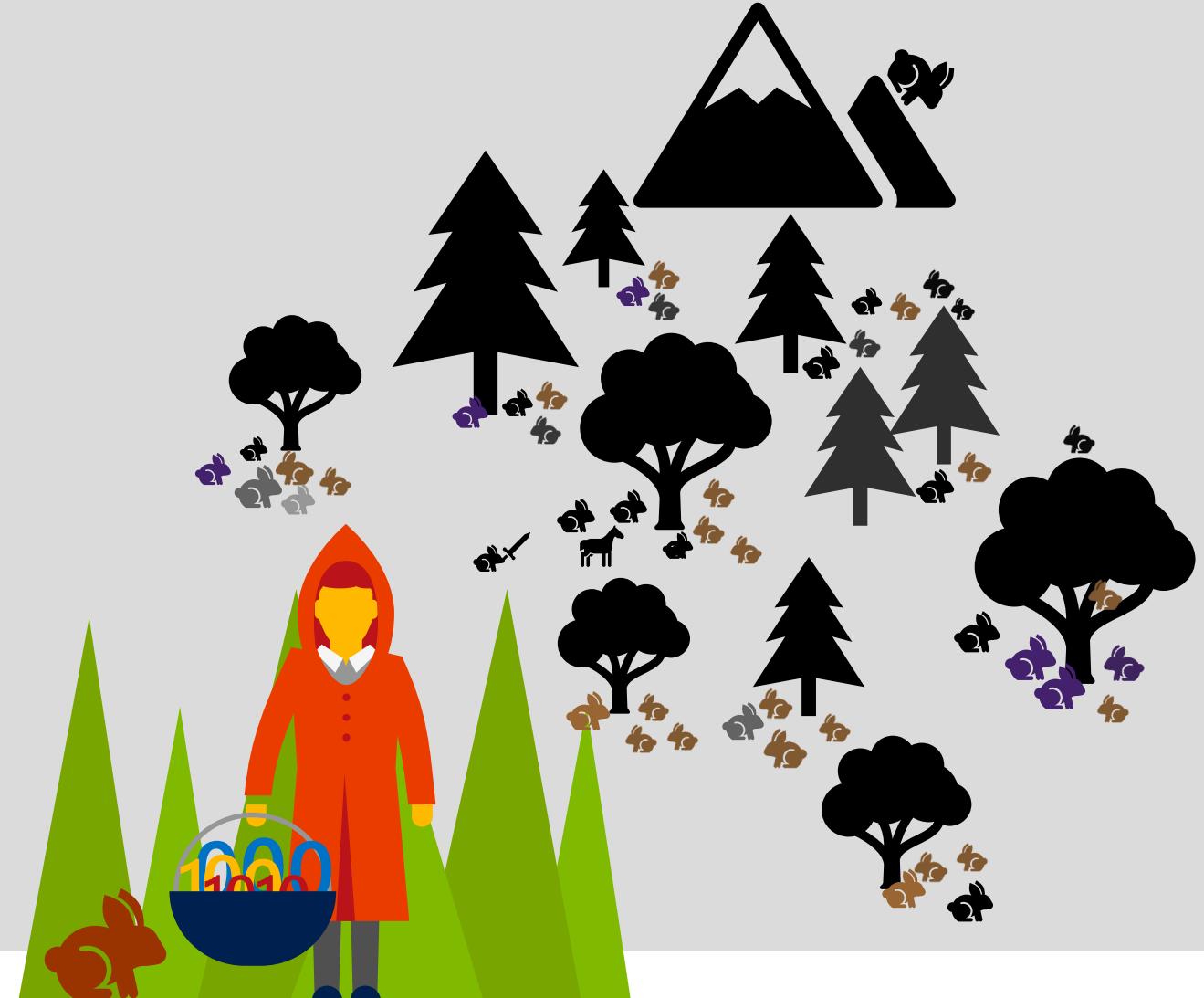


Version 3.13 planned for March 17th, 2023

- Going to work on issues / enhancements
- Been super busy with other work 🧑‍💻 🐰

Don't forget about the nightly builds
npm install @pnp/sp@v3nightly --save

Docs: <https://pnp.github.io/pnpjs/> @m365pnpjs on twitter





CLI for Microsoft 365 v6.3

Azure AD, add and remove users; clear, list, remove, and restore users from the Recycle Bin; add, list and remove licenses for users

Planner, get, add and remove rosters; add, list and remove members from rosters

Purview, list audit logs; get, list and remove retention events; add, get, list, remove and update retention event types.

SharePoint, add app customizer to site and tenant; clear and update file sharing link; get and update navigation node.

SharePoint Framework, grant API permissions in current project

...and more!

Install and run v6.3:

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

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

Release notes: aka.ms/cli-m365/notes

CLI for Microsoft 365
472 Tweets

PnP CLI MICROSOFT 365

Home User Guide Commands Concepts Sample Scripts About

CLI for Microsoft 365

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.

MICROSOFT 365 & POWER PLATFORM COMMUNITY

CLI for Microsoft 365 2023

Follows you

Using CLI for Microsoft 365, you can manage your Microsoft 365 tenant and SharePoint Framework projects on any platform.

Cloud aka.ms/cli-m365 Joined February 2018

discord.com/invite/7rfW4kg6B5

Join our growing community on Discord

Checkout the docs aka.ms/cli-m365

Follow us on Twitter [@climicrosoft365](https://twitter.com/climicrosoft365)

Use the CLI? Smash that Star button on GitHub

Testing. Re-imagined.

Any API. Simulate throttling. Simulate errors. Simulate responses.



v0.5

<https://aka.ms/graph/proxy/download>

What's new

- Recording mode
- Execution summary
- Rename executable to **mgdp**
- Bug fixes and internal improvements

Coming next

- Upgrade to .NET 7
- CI/CD and Playwright support
- Rate limiting guidance
- Paging guidance
- v0.6 release due **Mar 30 2023**





Reusable SPFx Controls

React Controls – 3.13.0

- New UploadFiles control 🎉
- SPFx v1.16.1 support
- Tons of enhancements!
- Various fixes

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

React Property Controls – 3.12.0

- Enhancements for FilePicker and ListPicker
- Czech localization
- Various fixes

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

Special thanks to our contributors: araver, Brian Krainer Jacobsen, Chad Eiserloh, Edin Kapic, Eduard Paul, Fredrik Ekström, Guido Zambarda, Harminder Singh, Hugo Bernier, João Mendes, krishna-vijas, Martin Zamazal, mgitta, Michaël Maillot, mikezimm, Nikolay Belykh, Patrik Hellgren, Rico van de Ven, Samuele Furnari, sambilfinger, wuxiaojun514.

More information:

<https://sharepoint.github.io/sp-dev-fx-property-controls>

<https://sharepoint.github.io/sp-dev-fx-controls-react>

Twitter: @M365PnPControls

File Name	Size	Last Modified
1080236...x300.jpg	15.34 KB	16, Nov 2022
aí est...ão.jpeg	5.78 KB	16, Nov 2022
CC_Leonor.pdf	413.00 KB	28, Jun 2022
Certificado.pdf	1018.07 KB	05, Jul 2022
ClientS...ance.xml	392 bytes	11, Jul 2021
fotogra...ão.jpeg	41.71 KB	16, Nov 2022
images (1).jpeg	4.05 KB	16, Nov 2022
Outlook.html	112 bytes	22, Nov 2021
Screen...9.55.mov	107.73 MB	01, Sep 2022
Screen...3.03.mov	55.00 MB	02, Sep 2022
Screen...8.54.mov	146.79 MB	06, Sep 2022



Viva Connections Toolkit for Visual Studio Code

Latest version 0.4.1 released on 9th of March

- Uses SPFx v1.16.1 and CLI for Microsoft 365 6.1 behind the scenes with greatest and latest 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!

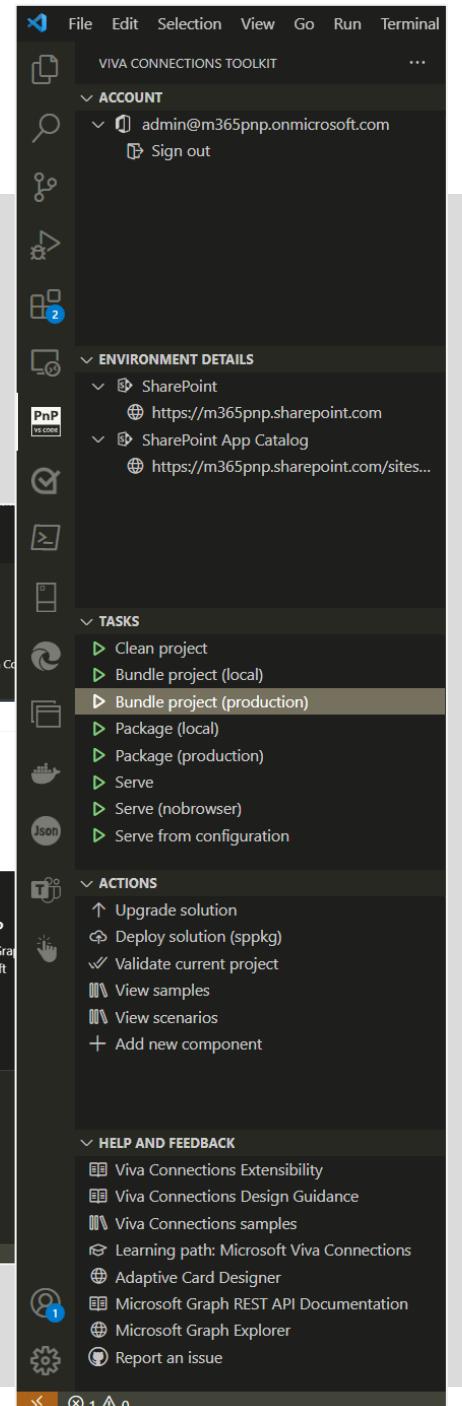
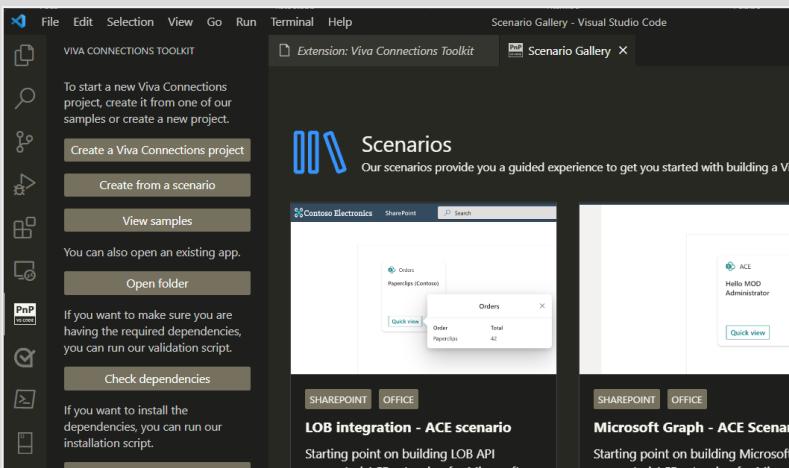
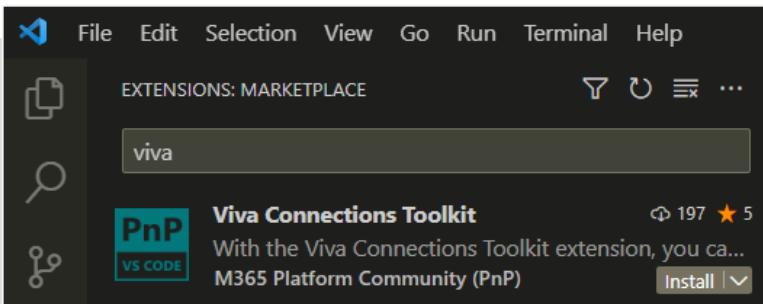
Install directly from the VS Code extensions tab

Getting started video series released this week in the YouTube for showcasing the features

GitHub location:

aka.ms/viva/vscode

We welcome contributions and feedback!





PnP Modern Search

<http://aka.ms/pnp-search>

Building modern Search experiences with flexible web parts

- Lot's of q's on GitHub – usage is growing 😊
- v4.8

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

- Thank you edarroudi, salascz, 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

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 search.
- A Guide to Assessing SharePoint Server Licensing** (Word icon) - A document for Microsoft SharePoint Server 2010, 2007, and 2003 licensing.
- 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 on a laptop.
- Get started: Office 365** (Word icon) - A document titled "Get started: Office 365" with a thumbnail showing a person using a laptop.

Below the search results, there is a "Edit results template" dialog box. 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   <div class="template_root">
6     {{#if showResultsCount}}
7       <div class="template_resultCount">
8         <label class="ms-fontWeight-semibold">{{getCountMessage}}</label>
9       </div>
10      {{/if}}
11      {{#if promotedResults}}
12        <ul class="template_defaultList template_promotedResults">
13          {{#each promotedResults as |promotedResult|}}
14            <li class="ms-fontWeight-semibold title">{{strings.Pro...</li>
15            {{#each promotedResults as |promotedResult|}}
16              <li>
17                <div>
18                  <i class="ms-Icon ms-Icon--Minilink" aria-...
19                </div>
20              </li>
21            {{/each}}
22          </ul>
23        {{/if}}
24      {{/each}}
25    </div>
26  </div>
27  {{#if items}}
28    <ul class="template_defaultList">
29      {{#each items as |item|}}
30        <li class="template_listItem" tIndex="0">
31          {{#if item.isPromoted}}
32            {{#each promotedResults as |promotedResult|}}
33              <li>
34                <div>
35                  <i class="ms-Icon ms-Icon--Minilink" aria-...
36                </div>
37              </li>
38            {{/each}}
39          {{/if}}
40        {{/each}}
41      {{/each}}
42    </ul>
43  {{/if}}
44</content>
```

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



PnP SPFx Samples

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

- **All Microsoft 365 Groups and Teams with SPFx**
Alison Collins | ReactIntern
- **Search Conversation Teams Tab**
Siddharth Vaghasia | @siddh_me
- **Chat GPT App**
João Mendes | @joaojmendes
- **Quick Links**
Dan Toft | @tanddant
- **Applications Secrets Expiration**
Aimery Thomas | @aimery_Thomas
- **Advanced Page Properties**
Valeras Narbutas | @ValerasNarbutas
- **Twitter**
Reshmee Auckloo | reshme011
- **Multilingual SharePoint Page Summarization with Open AI API and Microsoft Graph Pages API**
Anoop T | @anooptells



The collage includes:

- A screenshot of the "Awesome links" web part in SharePoint, showing three red tiles labeled "a", "b", and "c".
- A screenshot of the "Certificates and secrets" web part in SharePoint, displaying a table of application secrets.
- A screenshot of the "Any old page" web part in SharePoint, showing a summary of a page's properties.
- A screenshot of the "Open AI" web part in SharePoint, showing a summary of Microsoft's investment in OpenAI.
- A screenshot of the "Groups In My Organization" web part in SharePoint, showing a grid of groups with icons and details.
- A screenshot of the "Search conversation" web part in Microsoft Teams, showing a list of messages and mentions.
- A screenshot of the "Main Chat View" web part in Microsoft Teams, showing a detailed view of a conversation with specific messages highlighted.



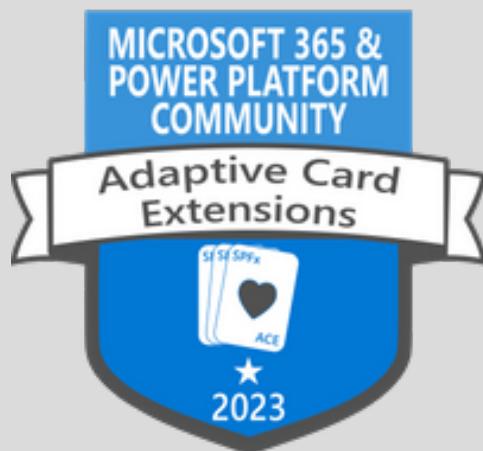
PnP SPFx ACEs

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

 Daily Insights with ChatGPT
Siddharth Vaghasia | @siddh_me

Join New Teams Upgrade – SPFx 1.16.1
Aimery Thomas | @aimery_thomas

*** We Love New Samples ***

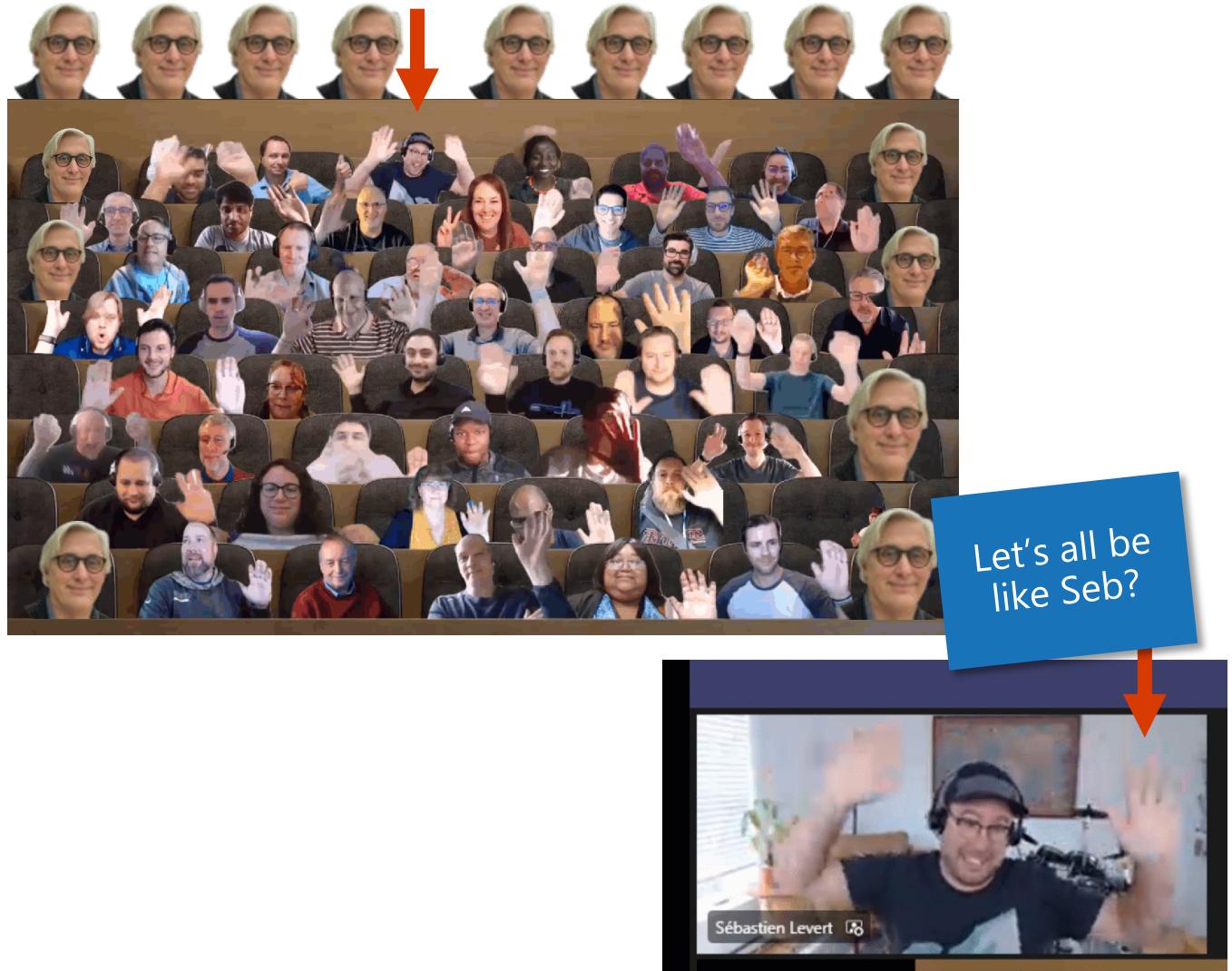
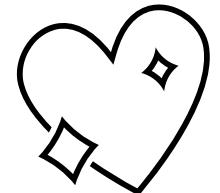


The image displays three screenshots of the Daily Insights extension for Microsoft Teams. The top screenshot shows a card titled "What happened today in History" about the Declaration of Independence. The middle screenshot shows a card titled "Quote of the day" by Mary Tyler Moore. The bottom screenshot shows a card titled "Card Primary Text". All cards include a "Next" button at the bottom right.

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 and grey pants is pointing at a whiteboard with a marker. Two other people, a man in a black t-shirt and a woman in a striped blouse, are looking at the board. They are standing in front of a whiteboard with some handwritten text and a small logo.

DEMO

- Build a **SPFx solution to create AI generated images with DALL-E API**
– Luis Mañez (ClearPeople)
- Build **AI integration for Microsoft 365 using Chat GPT and SPFx solution**
– Nico De Cleyre (Ordina)

Thank you

Recording will be available in 24 hours on
Microsoft 365 & Power Platform Community YouTube channel
<https://aka.ms/community/videos>
(subscribe today)

Follow us on Twitter
[@Microsoft365Dev](https://twitter.com/Microsoft365Dev) | [@M365PnP](https://twitter.com/M365PnP)

Next Viva Connections & SPFx call: **March 23rd at 07:00am PT**

Next M365 & Power Platform call: **March 16th at 07:00am PT**

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

