

Your host in this call:
Hugo Bernier

Viva Connections & SharePoint Framework Bi-weekly sync

February 9th, 2023

Microsoft 365 & Power 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 samples
- Picture time with Together Mode!
- Demos
 - Michaël Maillot - Getting started your SPFx form customizer journey with a boilerplate
 - Marcin Wojciechowski - Consuming Search API in Adaptive Card Extension



Opportunities to participate in the community

Demo solution
or technical
pattern

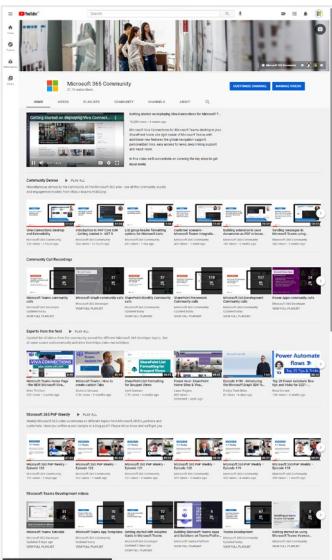
Contribute on
GitHub

Provide
feedback

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.

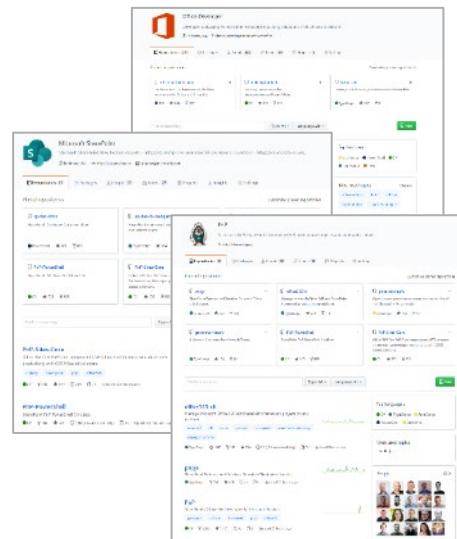
Request a demo spot on the call
<https://aka.ms/community/request/demo>

Microsoft 365 & Power Platform community videos



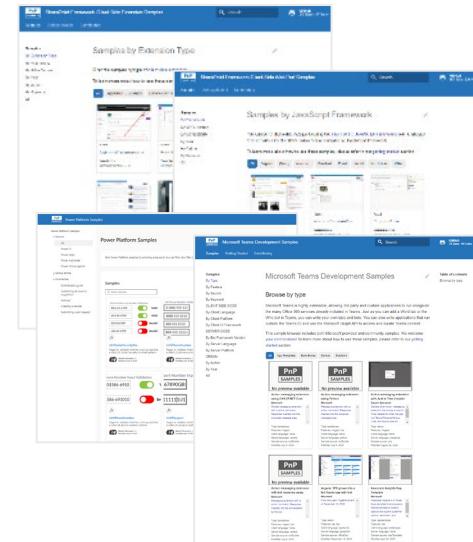
aka.ms/community/videos

Open-source



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

Sample galleries



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/m365/community

Microsoft 365 and Power Platform 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)

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

Viva Connections & SharePoint Framework (bi-weekly)

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

Download recurrent invites from

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



Microsoft 365 platform call

14th of February @8 AM PT

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

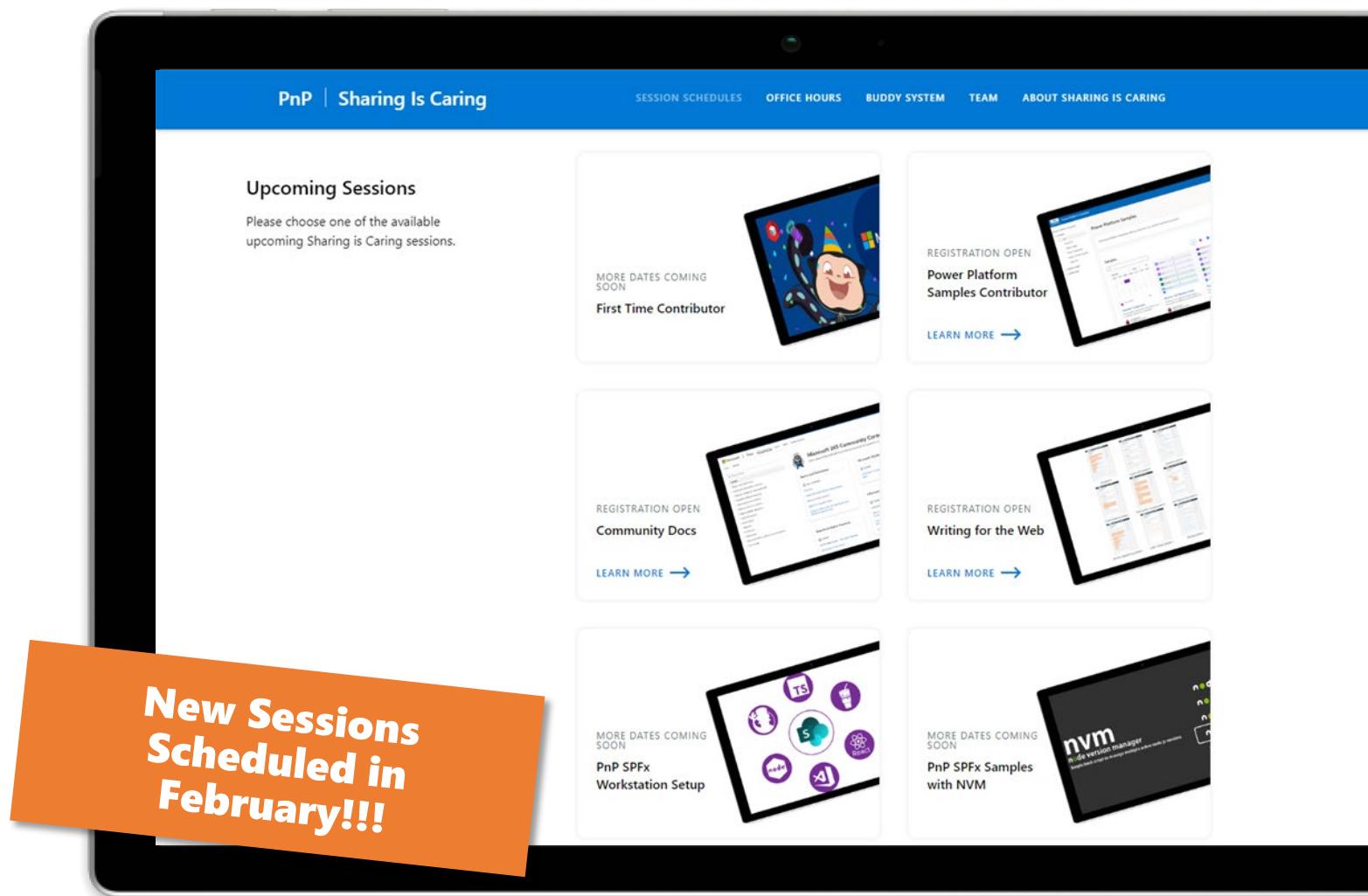
- Latest news from Microsoft engineering on the [Microsoft 365](#) topics
- Community together mode group photo
- **Dan Wahlin** - Create an Azure Communication Services Resource
- **Sébastien Levert** - What's next for the Microsoft Graph Toolkit!
- **Garry Trinder** - Teams Toolkit Learn Path - Get started building apps for Microsoft Teams using Teams Toolkit for Visual Studio Code



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



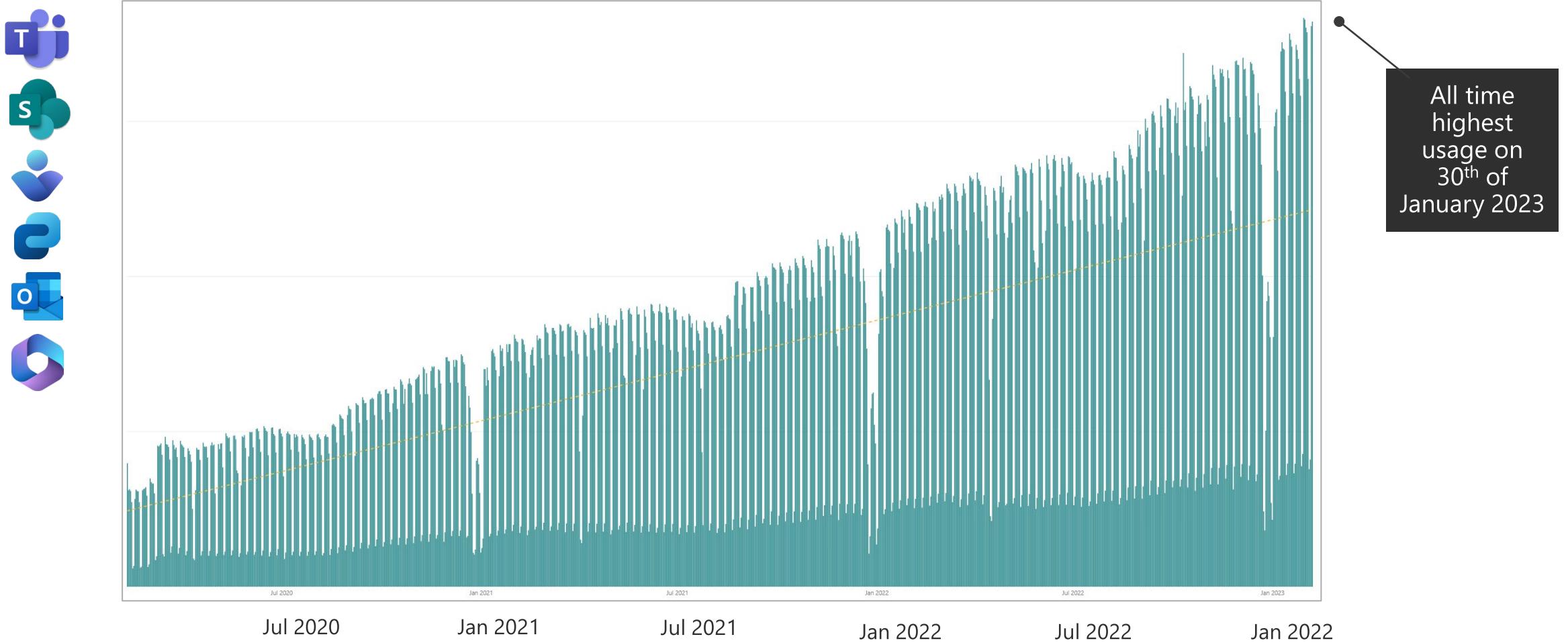
<https://aka.ms/community/recognition>

SharePoint Framework

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

Daily 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



New Microsoft Viva learning module – focus on the ACE development

Building SPFx powered Adaptive Card Extensions (ACEs) for [Microsoft Viva Home](#) and [Viva Connections](#)

Focus on ACE development

Basics on ACEs and the underlaying SPFx and Adaptive Cards technology on building experiences for Microsoft Viva.

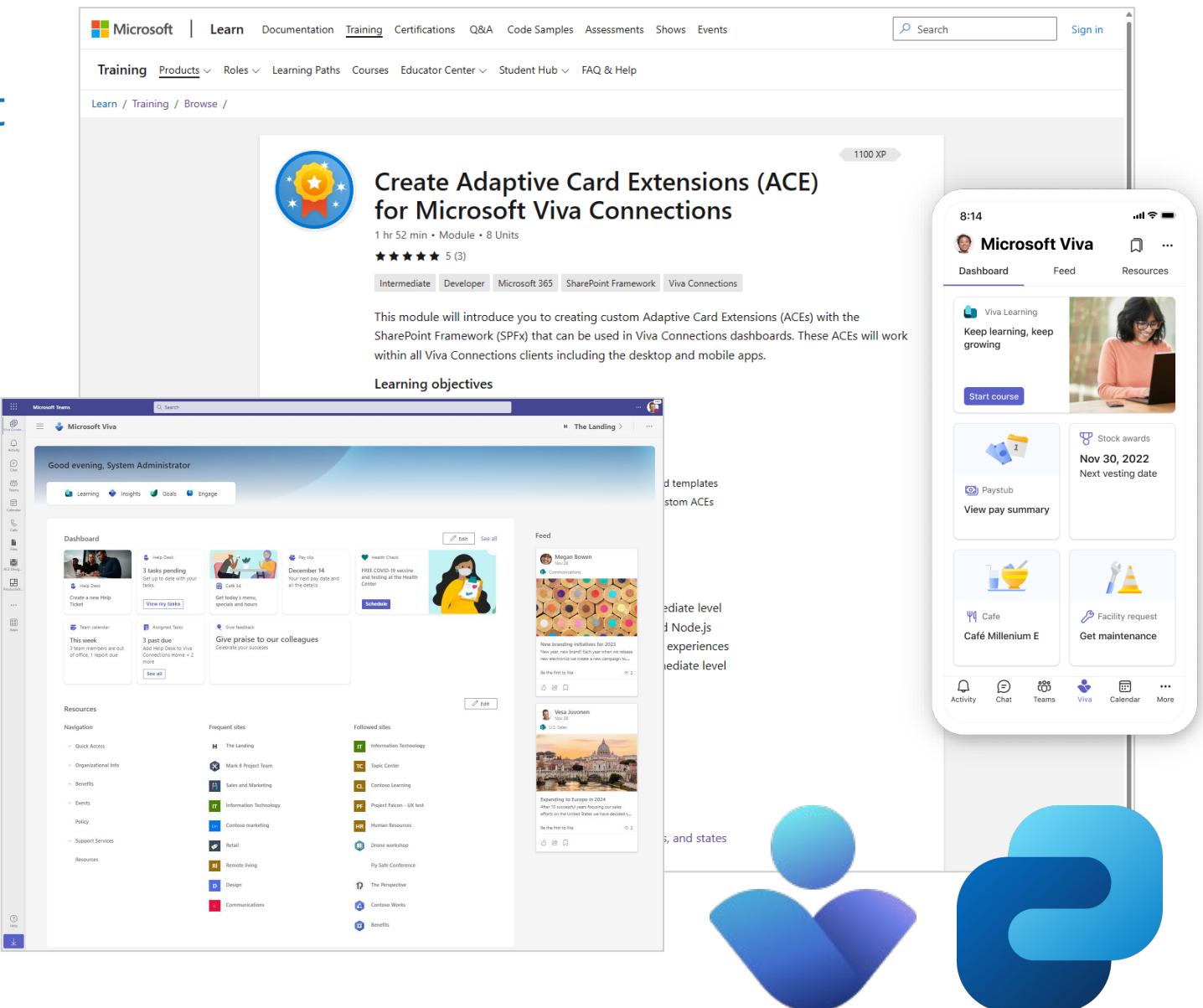
Three distinct exercises

From getting started to more complex scenarios. Includes also usage of media selection and location capabilities in the ACEs.

Available in both written and video format

Contains 1 hour and 52 minutes of content in both written and in video format. You choose the preferred model of consuming the material.

Go through the training yourself!
<https://aka.ms/viva/ace/learn>



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 ... 
- **1.17 ETA in first quarter of 2023** – Preview in Feb, GA in March
 - 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
 - Node v18 support, React update and more technical 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.

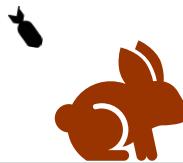


Open-source projects

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



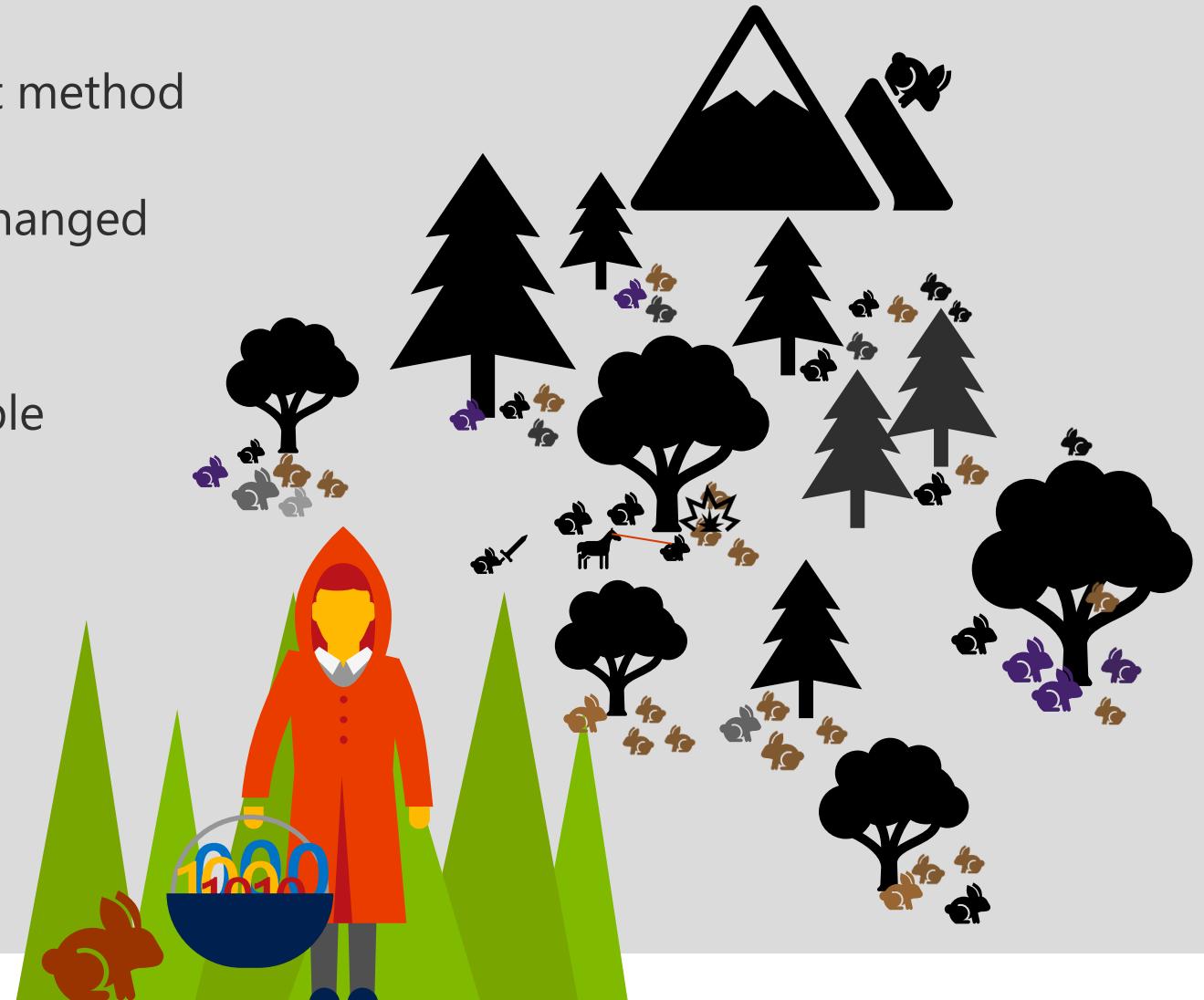
PnPjs Client-Side Libraries



Version 3.12 to be released Feb 10th 2023

- General documentation updates
- Fixed for unhandled promise rejection in start method of Timeline
- Added typings when fetching Site data and changed typings for getDocumentLibraries
- Fix for request digest in SPA
- Replacing CreateGroupForSite method example

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





CLI for Microsoft 365

New v6.2:

- **OneNote**, list OneNote pages
- **Power Platform**, get, list and remove AI Builder models, publish Solutions
- **SharePoint**, get, list and remove file sharing links, apply and remove retention labels on files, folders, list and list items, local and unlock list item record
- **Purview**, get and create retention labels
- **Teams**, send message to a channel
- **CLI Context**, set and remove options
- ...and more!

Install and run v6.2:

```
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/#v620>

The screenshot shows the Twitter profile 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, Cmder or PowerShell, using the CLI for Microsoft 365 you can configure Microsoft 365, manage SharePoint Framework projects and build automation scripts." A large blue ribbon banner across the profile features the text "MICROSOFT 365 & POWER PLATFORM COMMUNITY" and "CLI for Microsoft 365 2023". To the right of the banner is a QR code with the URL "discord.com/invite/7rfW4kg6B5". The top of the profile shows 472 tweets and a red header bar with the text "PnP CLI MICROSOFT 365".

[@climicrosoft365 #CLIMicrosoft365](https://twitter.com/climicrosoft365)
 aka.ms/cli-m365
 discord.com/invite/7rfW4kg6B5

Testing. Re-imagined.

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



v0.4 & v0.5.0-beta.1

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

What's new

- Improvements to console output
- Microsoft Graph beta endpoint detection
- Plugin support

Coming next

- Paging guidance
- Rename executable to **mgdp**
- Bug fixes and internal improvements
- v0.5 release due **Feb 28 2023**





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, Chandani 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: @M365PnControls

The screenshot shows the SharePoint ribbon interface. On the left, there is a 'Select your field(s)' dropdown menu containing three items: 'Number of Likes', 'Number of Ratings', and 'Rating (0-5)'. On the right, there is a 'Select your content type' dropdown menu containing three items: 'Discussion', 'Folder', and 'Summary Task'.



Viva Connections Toolkit for Visual Studio Code

Latest version 0.3.2 released on 4th of January

- 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!

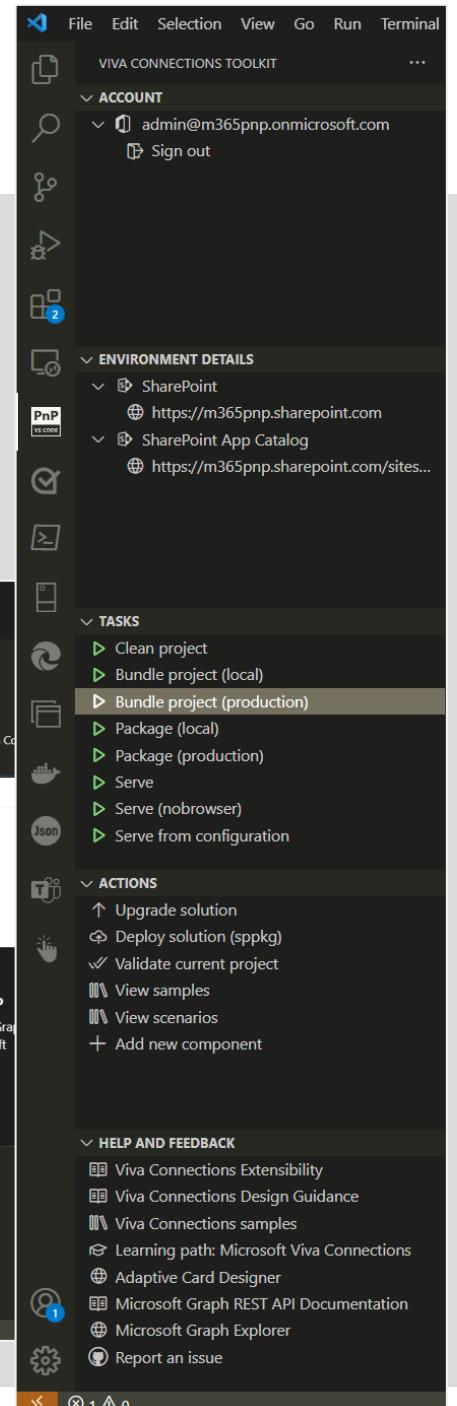
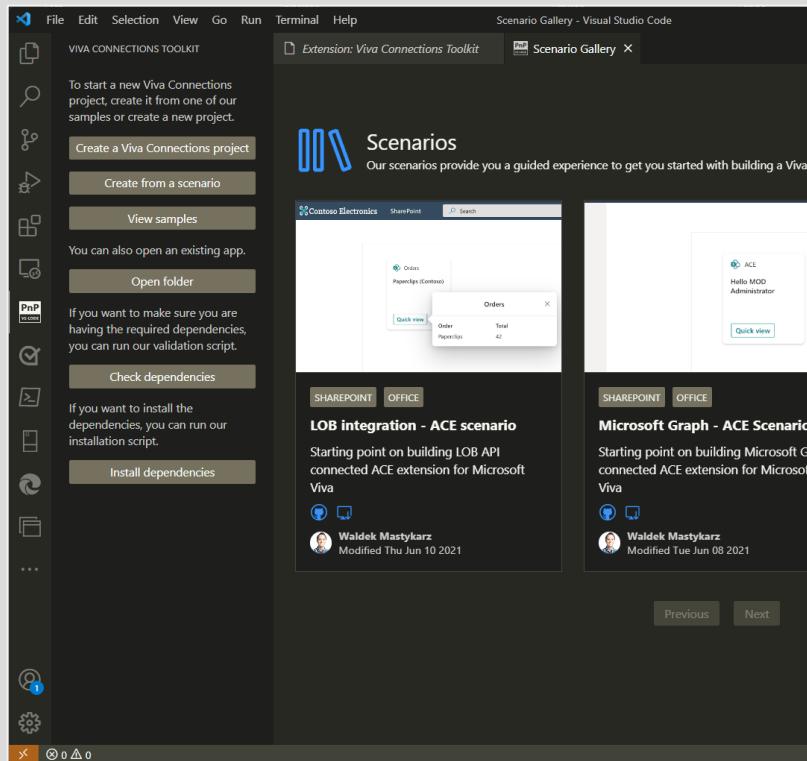
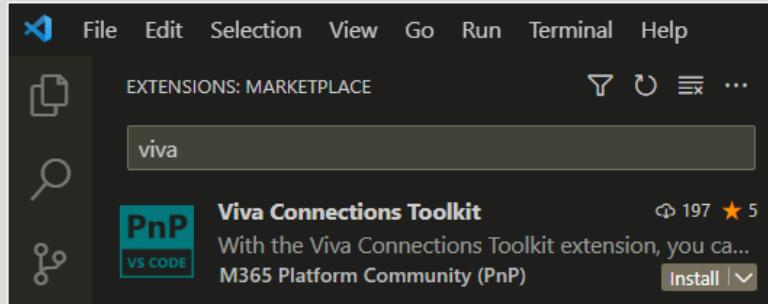
Install directly from the VS Code extensions tab

📺 [Getting started video series released around mid-Feb](#)

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 – (the ESPC22 release)

• <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, it displays a search bar with the text "74 results for 'r'" and a list of search results. The results include various document types (PDF, Word, PPTX) with titles like "Booster votre recherche SharePoint grâce aux Microsoft Cognitive Services!", "A Guide to Assessing SharePoint Server Licensing", and "GS09.PPTX". Below the search results, there is a "Get started: Office 365" link. On the right side, there is an "Edit results template" dialog box. This dialog shows the underlying HTML/CSS/JavaScript code for the search results page. The code includes template definitions for promoted and default results, using classes like "template_root", "template_promotedResult", and "template_defaultList". The dialog also includes "Save" and "Cancel" buttons at the bottom.



PnP SPFx Samples

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

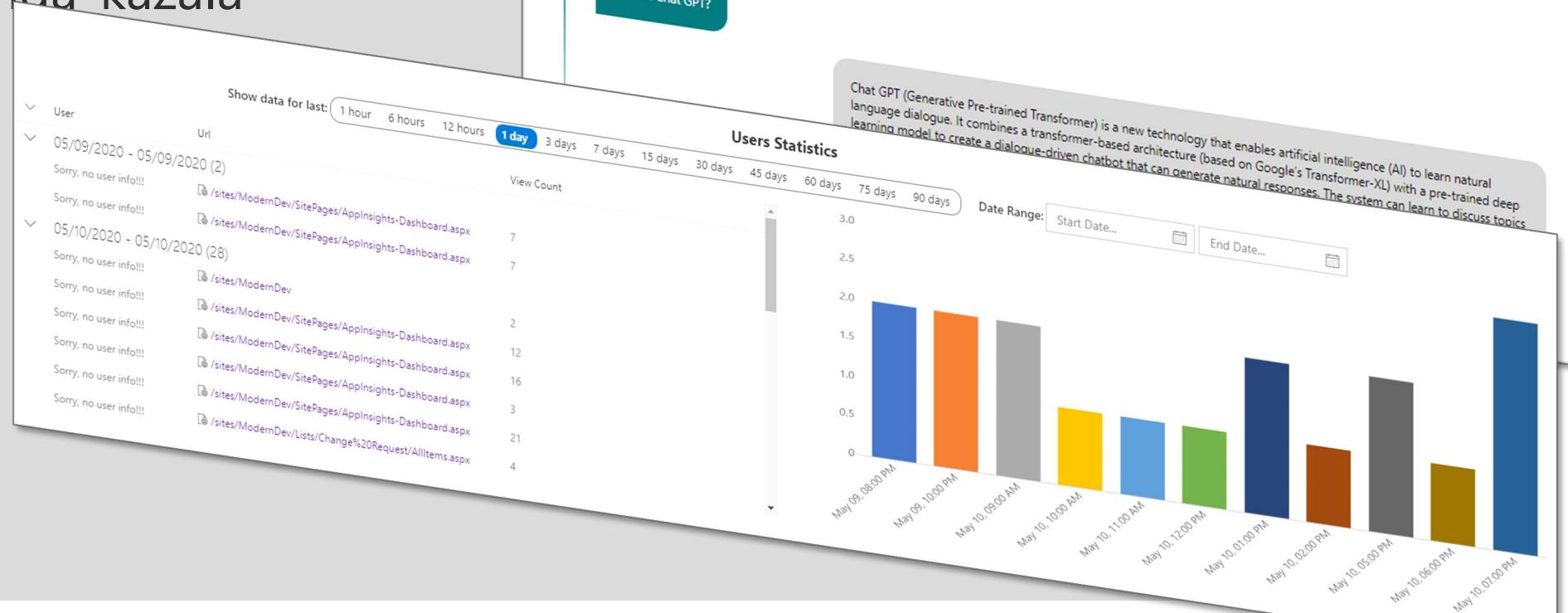
<https://aka.ms/spfx-webparts>

- **Chat GPT**

Nico De Cleyre | @NicoDeCleyre

- **Azure Application Insights Dashboard**

Kinga Kazala | @kingakazala





PnP SPFx ACEs

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

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

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

The screenshot shows a GitHub repository page for 'Viva Connection Adaptive Card Extensions (ACEs) sample'. The README.md file content is displayed, which includes:

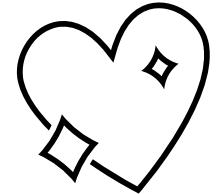
- A brief description of the repository as a sample for Viva Connections Viva Adaptive Card (ACE) solutions.
- A note about building the samples using SharePoint Framework.
- Instructions for contributing to the samples folder.
- A section for reporting issues or questions, mentioning specific issue lists for general challenges and specific web parts.
- A 'Have issues or questions?' section with a link to the issue list.
- A 'Additional resources' section with links to getting started, Microsoft Learn, and SharePoint Framework documentation.
- A 'Using the samples' section with instructions to clone and build the projects, and a command to execute in the console.

On the right side of the repository page, there are sections for 'Contributors' (25 total, including 14 others), 'Languages' (TypeScript 84.7% and JavaScript 15.3%), and 'Packages' (No packages published).

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 grey sweatshirt is pointing towards a whiteboard with a marker. Two other individuals, a man and a woman, are looking at the board. The whiteboard has some handwritten text and diagrams.

DEMO

- **Getting started your SPFx form customizer journey with a boilerplate**
– Michaël Maillot
- **Consuming Search API in Adaptive Card Extension**
– Marcin Wojciechowski

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: **February 23rd at 07:00am PT**
Next M365 & Power Platform call: **February 16th at 07:00am PT**
All available community calls from <https://aka.ms/community/calls>

