

Viva Connections & SharePoint Framework Bi-weekly sync

April 21, 2022

Microsoft 365 PnP Team

Your host in this call:
Patrick Rodgers 



Agenda

- Latest update on 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 - Adaptive Card Design Gallery
 - **Fabio Franzini** - Using Adaptive Cards control from the PnP control gallery in SPFx solutions
 - **Paolo Pialorsi** - Navigating Cards in Viva Connections ACEs



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

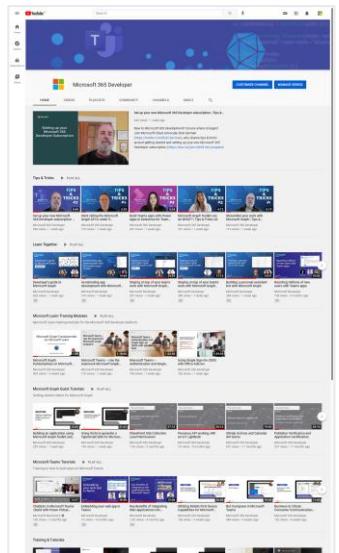
Provide Feedback

- 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.

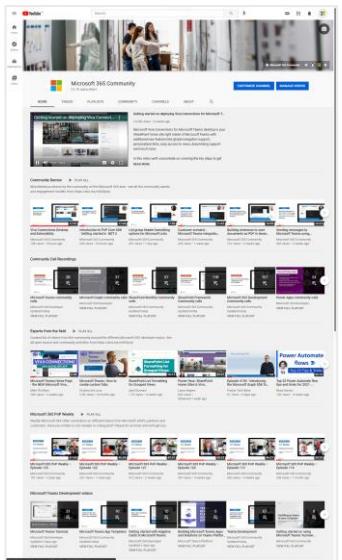
Request a demo spot on the call
<https://aka.ms/m365pnp/request/demo>

Microsoft 365 developer videos



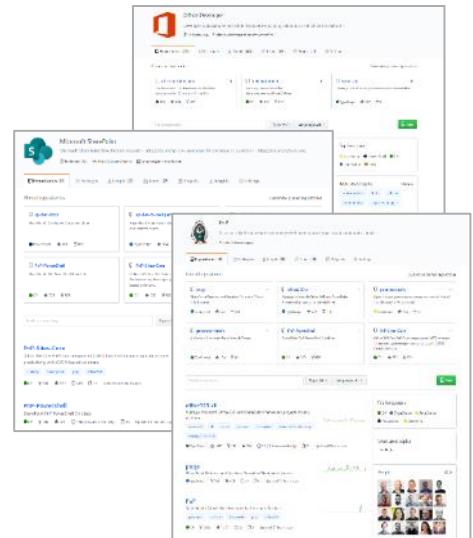
aka.ms/m365devyoutube

Microsoft 365 community videos



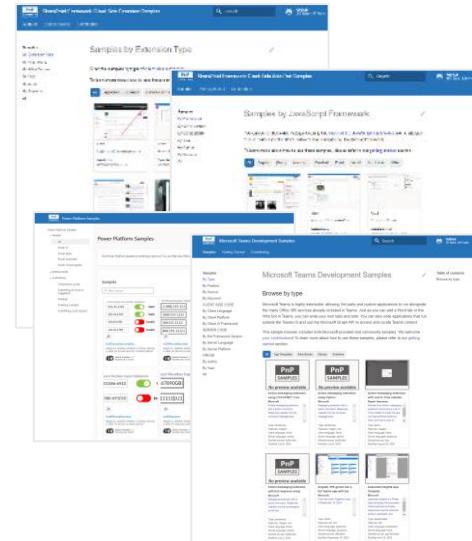
aka.ms/m365/videos

Open-source



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

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/m365pnp

Microsoft 365 developer community calls

Microsoft 365 platform

<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/PowerPlatformMonthlyCall>

Microsoft 365 Dev Community (bi-weekly)

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

Viva Connections and SPFx (bi-weekly)

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

<https://aka.ms/m365pnp>

SAMPLES

Announcing new Microsoft 365 Unified Sample Gallery

Find all Microsoft 365 samples from Microsoft and community from one centralized location

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

The Microsoft 365 Unified Sample Gallery is a centralized platform for discovering and sharing Microsoft 365 samples. It features a 'Sample Solution Gallery' where users can search for solutions by keyword or author name. The gallery displays a grid of cards for various solutions, each with a preview image, title, and a brief description. Another view shows a 'Tab notifies users via the Teams activity feed', which includes a screenshot of a Microsoft Teams interface and a brief description of the sample. A third view is a profile page for 'Smita Nachan', showing her profile picture, name, title ('Microsoft MVP(Office Development), MCT, Author, Speaker, Organizer'), location ('Pune, India'), and a list of her submitted solutions. These solutions include 'Export a csv report on all Whiteboards', 'My M365 Groups', 'Questionnaire Teams Meeting App', and 'Manage Office 365 Groups with SPFx'. The gallery also includes sections for 'Solutions submitted by Smita Nachan' and 'Newest to oldest'.



AGENDA

Microsoft 365 platform call 26th of April @ 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
- Community together mode group photo
- **Divyanka Pillai** and **Michelle Lee** - Create an app that extends across Teams, Outlook, and Office
- **Waldek Mastykarz** and **Alex Terentiev** - Easily fix errors in your SPFx projects with CLI for Microsoft 365



GUIDANCE

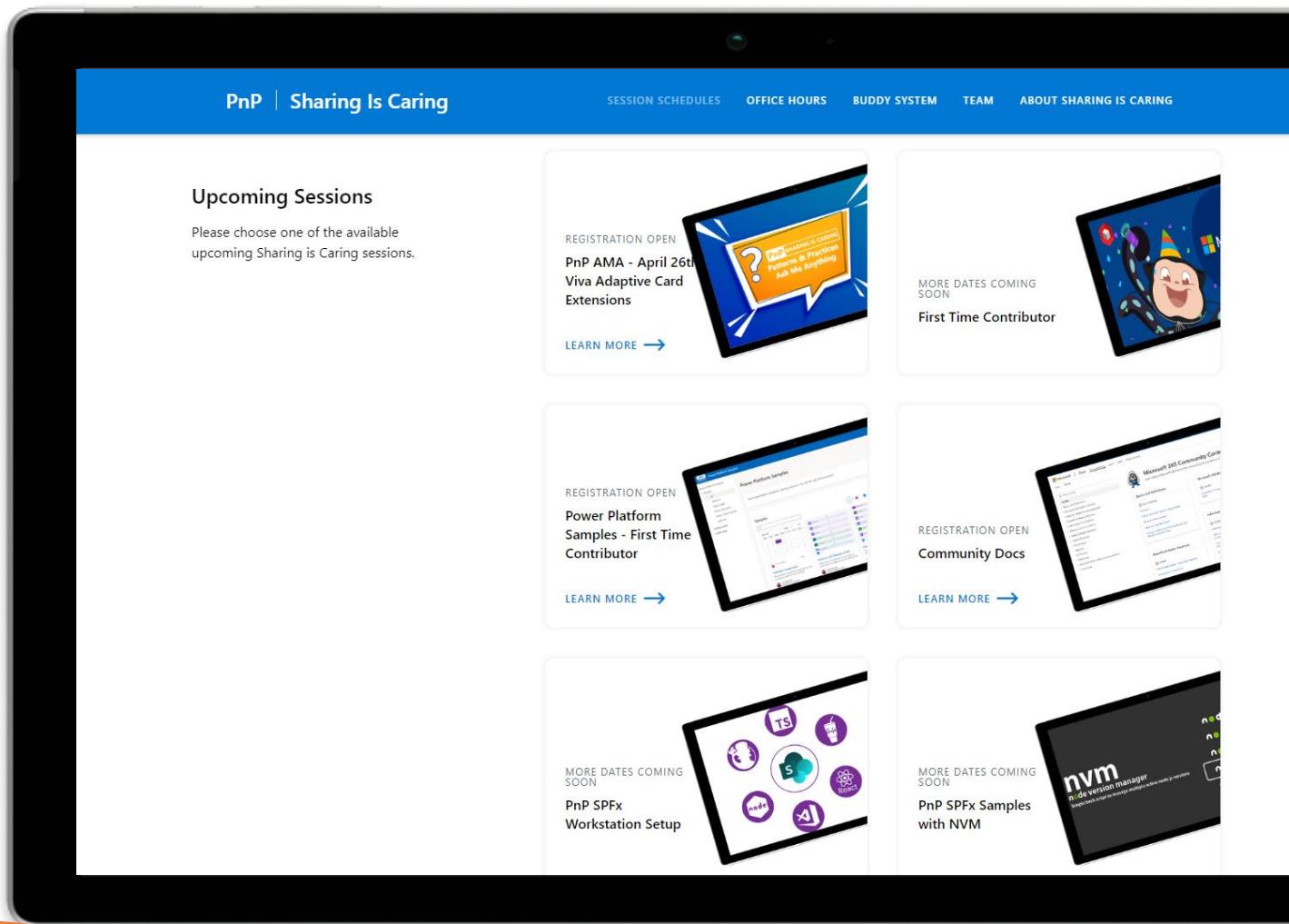
Learn how to get started in the open-source PnP community!

Upcoming Sessions:

- First-time contributor
- Power Platform Samples – First Time Contributor
- Community docs
- Using PnP SPFx samples w/ NVM
- SPFx developer workstation setup
- More than code with VS Code
- First-time presenter
- M365 Maturity Model Practitioners

NEXT WEEK!!

- Ask me Anything (Viva Connections – April 26th)



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

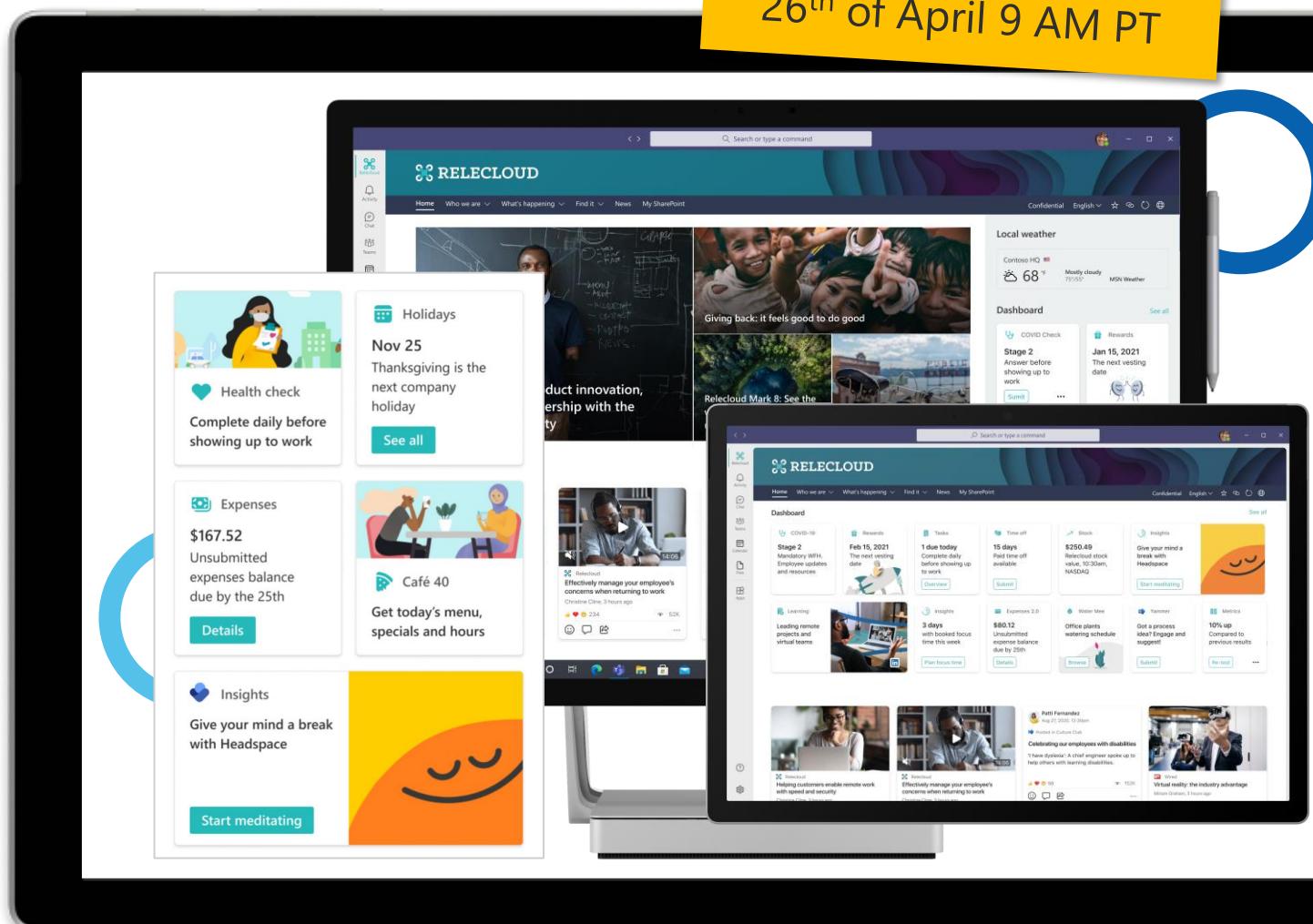
26th of April 9 AM PT

AMA

Got questions on Viva Connections development? Don't miss out this event!

Ask-Me-Anything (AMA) event with Microsoft Viva Connections platform engineering team on 26th of April 9 AM PT

Register today! <https://aka.ms/viva-ama-april-2022>



COMMUNITY



PnP Recognition Program

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



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

SharePoint Framework

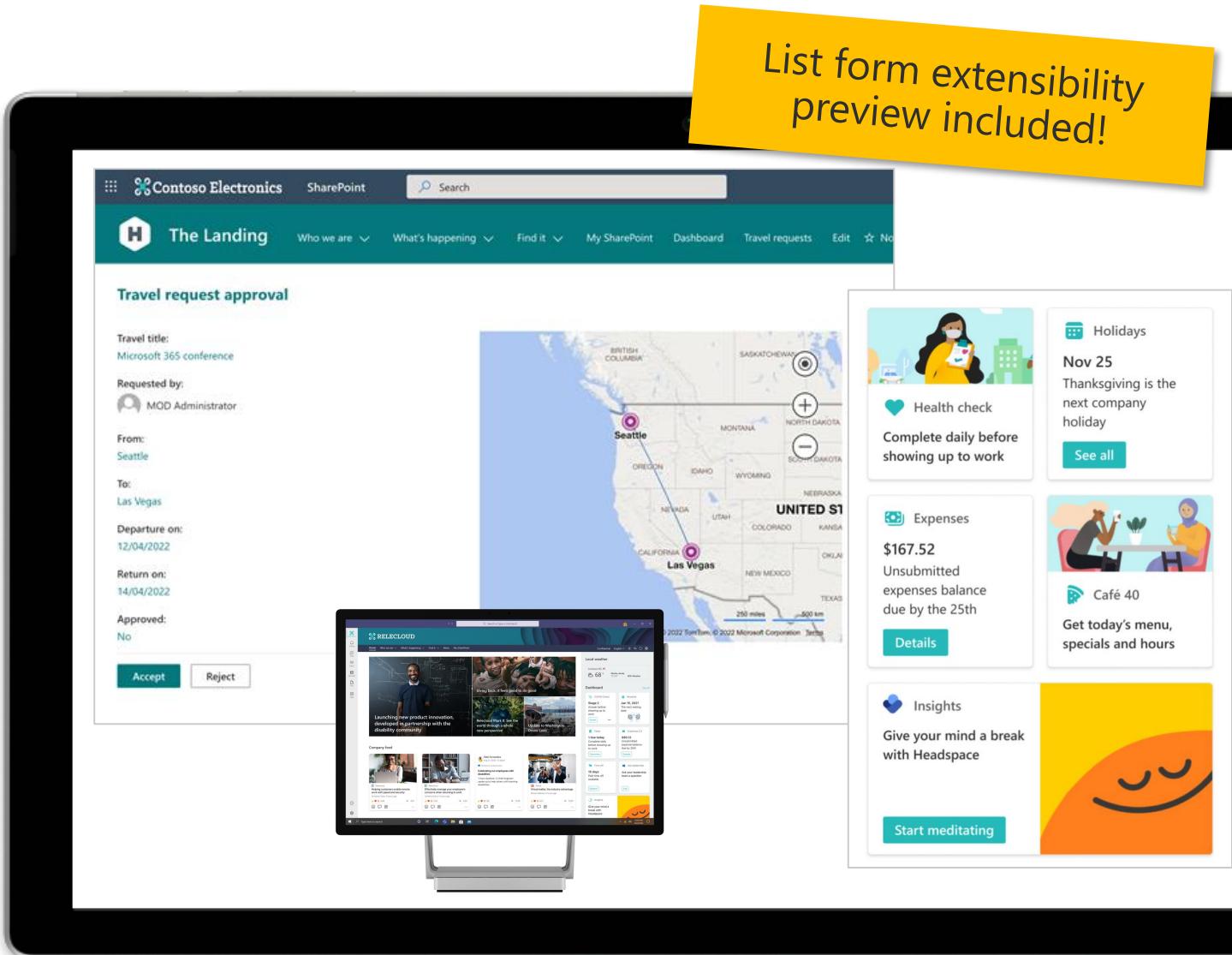
Latest from Microsoft engineering for Microsoft Viva, Microsoft Teams and SharePoint extensibility

UPDATE

Updated SharePoint Framework 1.15 public developer preview!

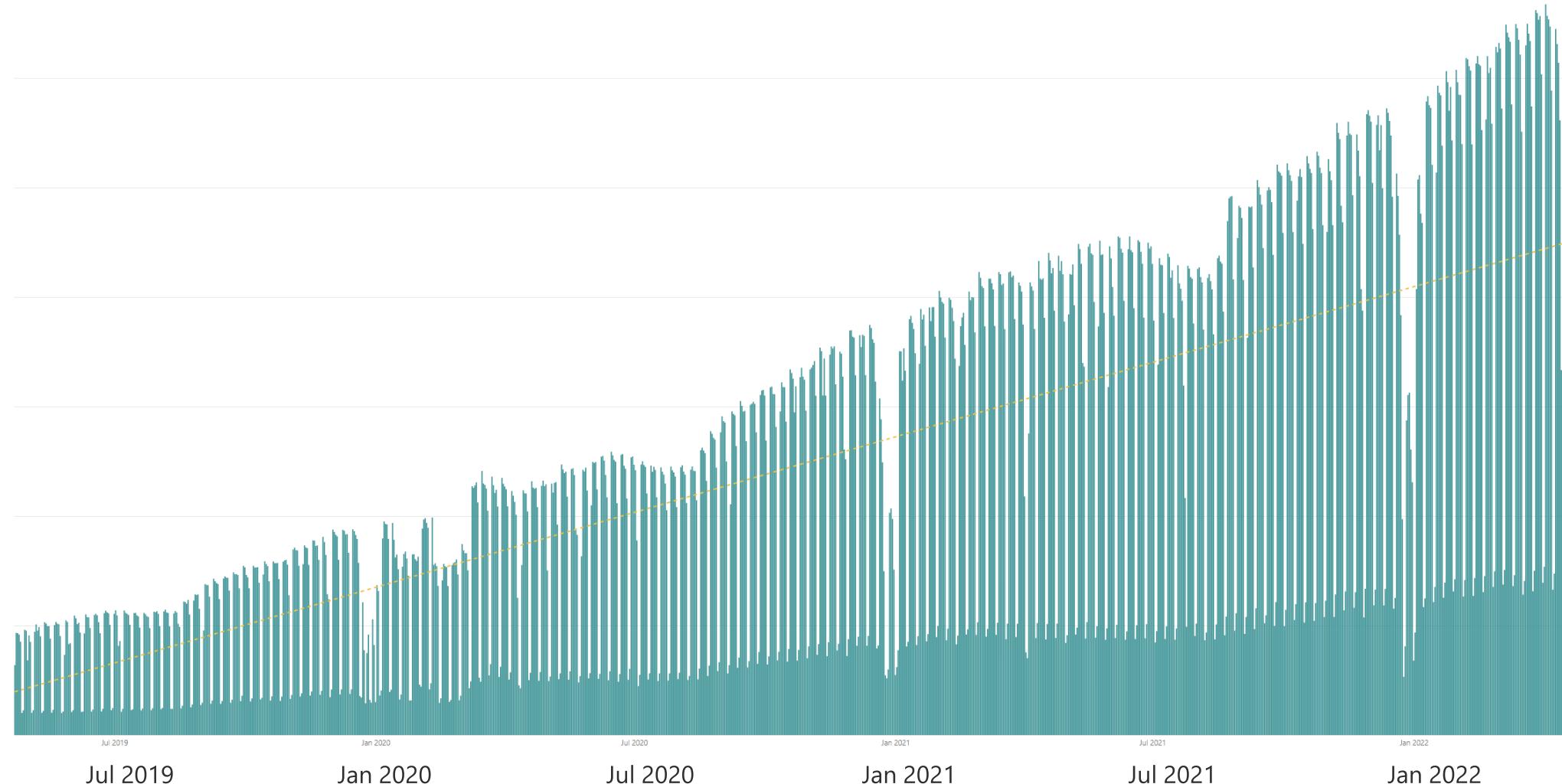
Preview on the upcoming SharePoint Framework version now available with updated features for Microsoft Teams, Microsoft Viva and SharePoint Online

npm install -g @microsoft/generator-sharepoint@next



Daily active users 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 – 1.15 Release – ETA June 2022

- Latest 1.15 preview release
 - New Action types for media and geolocation – Tutorial just published
 - Support for Microsoft Graph SDK V3
 - Bug fixes and adjustments based on GitHub issues
 - **New customizers for add and edit list / library forms**
- Available later as we progress in 1.15 development
 - Adaptive Card Extensions card view caching
 - Adaptive Card Extensions Error Handler Method
 - Isolated Adaptive Card Extensions (Beta)
 - Adaptive Card Extensions card view caching – move to GA
 - Leverage Teams OBO flow for SPFx components in Teams Web
 - Support for TypeScript V4
 - Support for Node V16
 - Support for Teams SDK v11 (or newer if available)
 - Enable Service Principal Registration in app acquisition flow
- Post 1.15 - Bots Powered Adaptive Card Extensions (Beta)**

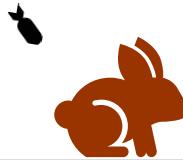


PnPjs Client-Side Libraries





PnPjs Client-Side Libraries



Version 3.2 released April 8th

- General documentation updates
- Fix (and doc update) for using esm modules in TypeScript solutions that output commonjs
- Fixed bugs (SendEmail, getAllChildrenAsOrderedTree, stale request digests, renderListDataAsStream, etc)
- Added to graph (getById for Site, transitiveMemberOf for User, installedApps for Team)
- Doc updates (using Web constructor, importing both graph and sp SPFx behavior, etc)

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



CLI for Microsoft 365





CLI for Microsoft 365

New preview version v5.2 with:

- SPFx project upgrade guidance including SPFx fast serve
- Support for adding private Teams channels
- Managing Teams chat memberships
- Managing Power Platform management apps
- Retrieving AAD signins information

Install v5.2 preview:

```
npm install -g @pnp/cli-microsoft365@next  
docker run --rm -it m365pnp/cli-microsoft365:next
```

Release notes:

<https://pnp.github.io/cli-microsoft365/about/release-notes/#v520>

The screenshot shows the GitHub page for the CLI for Microsoft 365 repository. At the top, it says "472 Tweets". Below that is a red banner with the PnP CLI Microsoft 365 logo and navigation links for Home, User Guide, Commands, Concepts, Sample Scripts, and About. To the right is a sidebar with "Table of contents", "Installation", "Getting started", and "SharePoint Patterns and Practices". The main content area features a large image of a porcupine wearing a PnP hoodie. Text below the image explains 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, Cmdr or PowerShell, using the CLI for Microsoft 365 you can configure Microsoft 365, manage SharePoint Framework projects and build automation scripts." A blue button at the bottom left says "Available natively in Azure Cloud Shell". On the right side, there are three circular icons for more options, an envelope icon, a bell icon, and a "Following" button.

@climicrosoft365 #CLIMicrosoft365 on Twitter

book aka.ms/cli-m365

chat github.com/pnp/cli-microsoft365/discussions

SPFx Reusable Components





Reusable SPFx Controls

React Controls – 3.7.2

- New VariantThemeProvider control
- New MonacoEditor control
- Enhancements for multiple controls: Carousel, TreeView
- SPFx v1.14.0 support
- Various fixes

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

React Property Controls – 3.6.0

- New MonacoEditor control
- SPFx v1.14.0 support
- Various fixes

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

Special thanks to our contributors: Amir Msai, Chad Eiserloh, Fabio Franzini, GuidoZam, João Mendes, Mathijs Verbeeck, Rolands Strakis, Won Song.

More information:

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

Twitter: @M365PnPControls

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PnP Modern Search



PnP Modern Search

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

Building modern Search experiences with flexible web parts

v4.6.1 – April 2022 release

- <https://github.com/microsoft-search/pnp-modern-search/releases/latest>
- Thank you @gszdev, @kachihro, @edarroudi, @eduardpaul, @dominiqueborer, @kflogdev for your support 😊
- 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 three search results cards:

- Boostez votre recherche SharePoint grâce aux Microsoft Cognitive Services!** (PDF icon) - A document from MSReBUILD session about using Cognitive Services for SharePoint search.
- A Guide to Assessing SharePoint Server Licensing** (Word icon) - A document for Microsoft SharePoint Server 2010, 2007, and 2003 licensing.
- GS09.PPTX** (PPT icon) - A presentation slide titled 'Unlock creativity and empower teamwork in the modern workplace ...' by Corporate Vice President Office 365 Marketing.

Below the results, there's a 'Get started: Office 365' card. On the right, a modal window titled 'Edit results template' displays the underlying HTML/CSS/JavaScript code for the search results page. The code includes template definitions for promoted results and standard search items.

PnP SPFx Samples

**PnP
SAMPLES**



PnP SPFx Samples

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

- **News Ticker**

Sudharsan Kesavanarayanan | @sudharsank

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

- **NEW: FluentUI 9**

Nick Brown | @techiekb

- **NEW: Tab Accordion with Rich Text Editing**

Arun Kumar Perumal | arunkumarperumal

- **Cherry-Picked Content**

Christophe Humbert | @Path2SharePoint

- **Birthdays**

Milan Holemans

- **Dynamic Scalable Vector Graphics (SVG)**

Nader Hadjebi | @nader2015

- **Tour Sample**

Mike Homol | @homol

- **To Do Client with Vue.js**

LOLCATATONIA

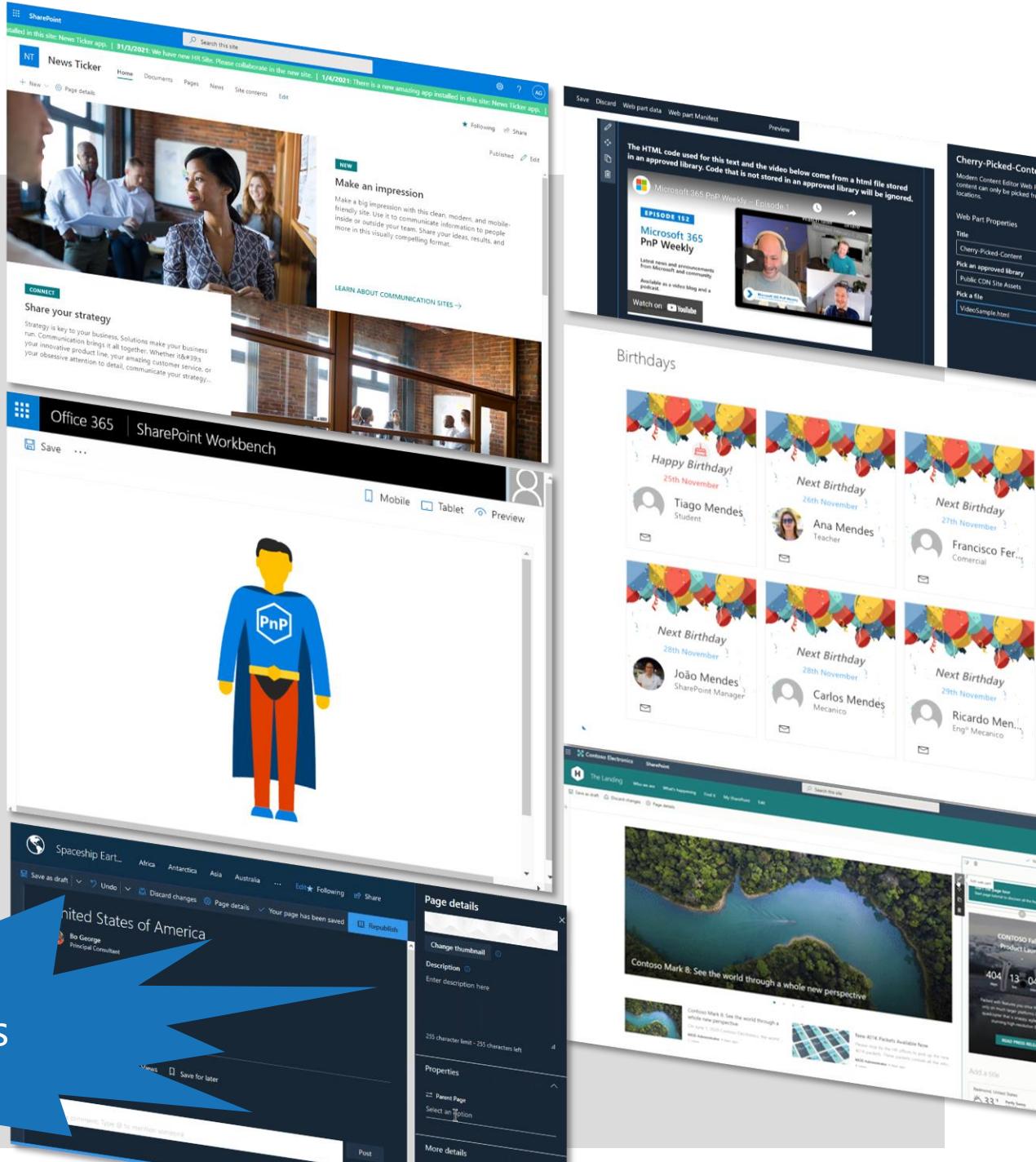
- **Pages Hierarchy**

Nick Brown | @techiekb

- **NEW: Group Members**

Nick Brown | @techiekb

172 pull requests
last 2 weeks





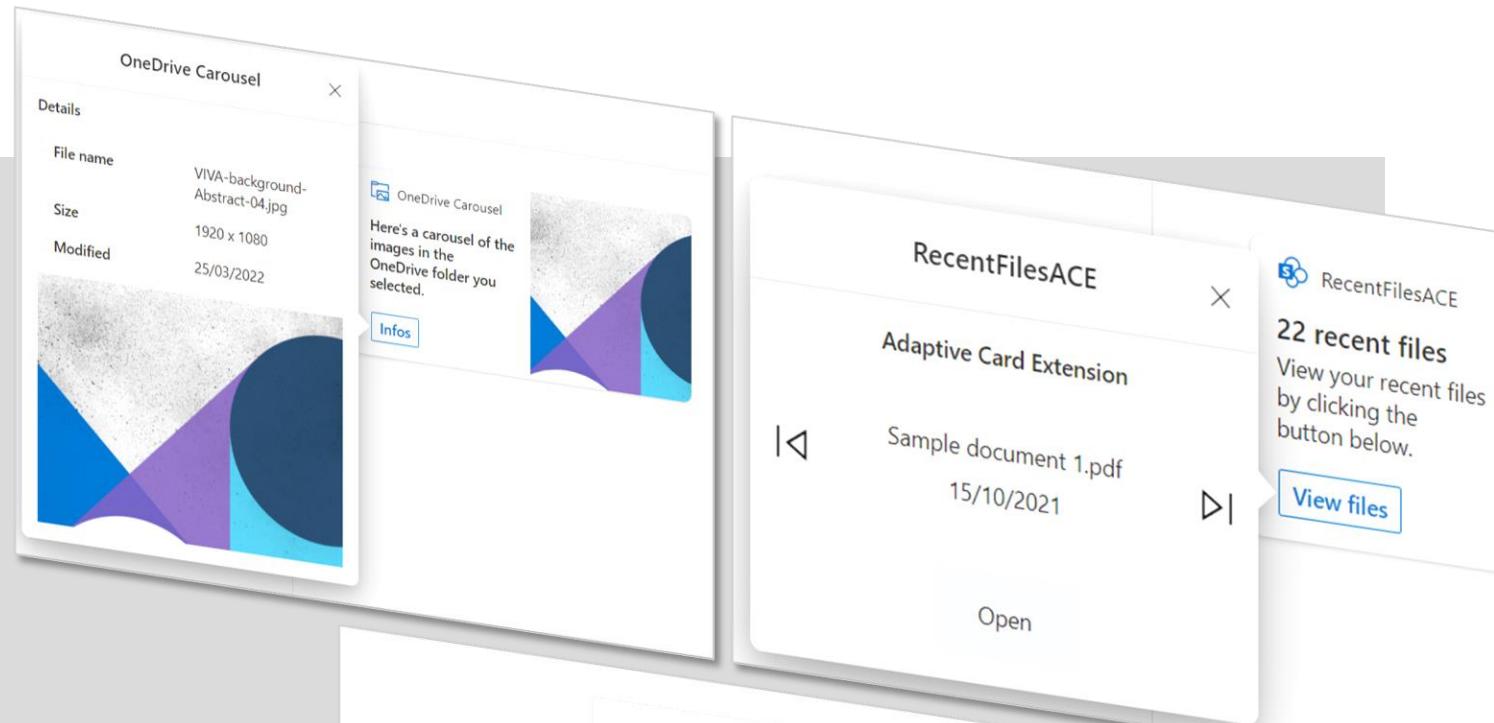
PnP SPFx ACEs

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

- **OneDrive Carousel – Image Card**

OneDrive Carousel – Basic Card

Guido Zambarda | GuidoZam

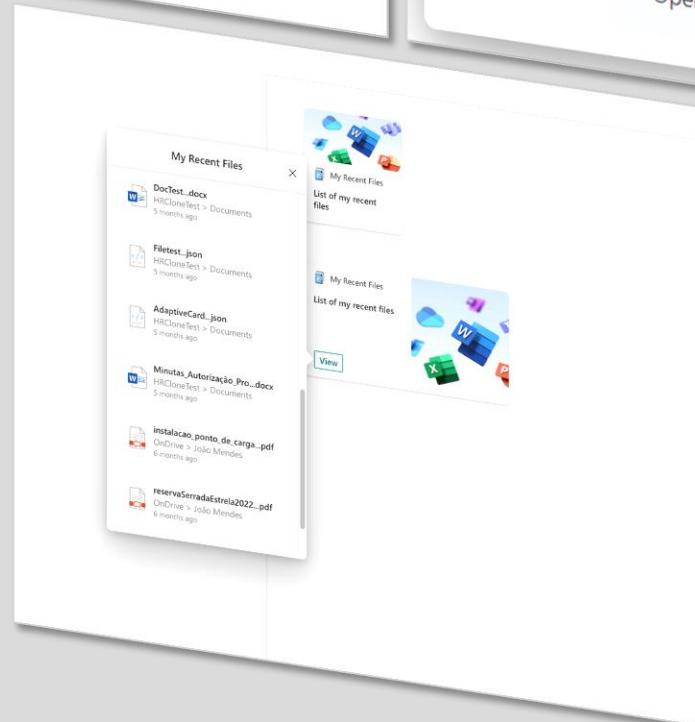


- **Recent Files – Counter & View**

Guido Zambarda | GuidoZam

- **Recent Files – Quick Access**

João Mendes | @joaojmendes

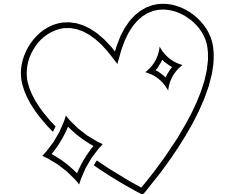


***** Open for More Contributions *****

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!



Let's all be like Seb?



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 points towards a whiteboard with a large, stylized letter 'Q' on it. Two other individuals, a man in a black t-shirt and a woman in a striped blouse, are looking at the board. They are standing in a hallway with a foosball table in the background.

DEMO

- Adaptive Card Design Gallery
- Derek Cash-Peterson
- Using Adaptive Cards control from the PnP control gallery in SPFx solutions
- Fabio Franzini
- Navigating Cards in Viva Connections ACEs
- Paolo Pialorsi

Thank you

Recording will be available in 24 hours on
Microsoft 365 Community (PnP) YouTube channel
<https://aka.ms/M365PnP/videos>
(subscribe today)

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

Next Viva Connections & SPFx call: **May 5th at 07:00am PT**
Next M365 General Dev call: **April 28th at 07:00am PT**
All available community calls from <https://aka.ms/m365pnp>

