

# Viva Connections & SharePoint Framework Bi-weekly sync

May 5, 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
  - Adam Wójcik - Manage data in OneDrive application folder
  - Marcin Wojciechowski (Valo) - Auto Batching Graph Calls
  - Hugo Bernier (Microsoft) – SPFx Design Patterns



# 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

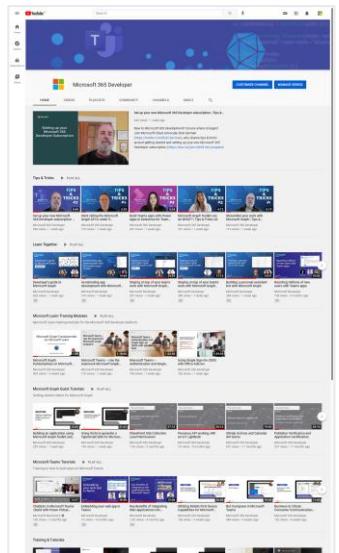
## Provide Feedback

- 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.

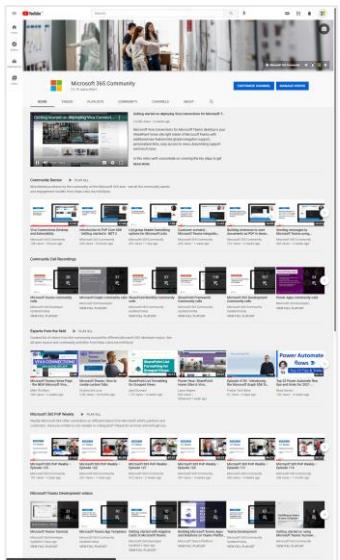
Request a demo spot on the call  
<https://aka.ms/m365pnp/request/demo>

## Microsoft 365 developer videos



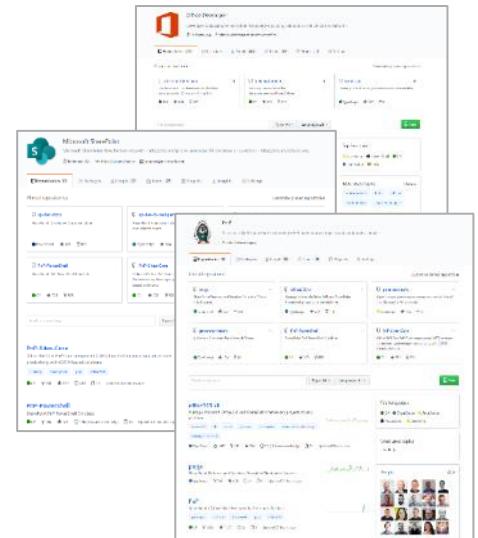
[aka.ms/m365devyoutube](https://aka.ms/m365devyoutube)

## Microsoft 365 community videos



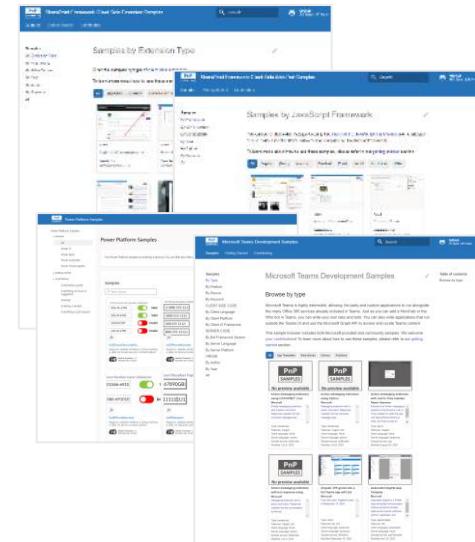
[aka.ms/m365/videos](https://aka.ms/m365/videos)

## Open-source



[github.com/pnp](https://github.com/pnp)  
[github.com/OfficeDev](https://github.com/OfficeDev)  
[github.com/microsoftgraph](https://github.com/microsoftgraph)  
[github.com/sharepoint](https://github.com/sharepoint)

## Sample galleries



[aka.ms/m365/samples](https://aka.ms/m365/samples)  
[aka.ms/teams-samples](https://aka.ms/teams-samples)  
[aka.ms/spfx-webparts](https://aka.ms/spfx-webparts)  
[aka.ms/spfx-aces](https://aka.ms/spfx-aces)  
[aka.ms/powerplatform-samples](https://aka.ms/powerplatform-samples)  
[aka.ms/spfx-extensions](https://aka.ms/spfx-extensions)  
[aka.ms/list-formatting](https://aka.ms/list-formatting)

## Open-source initiatives and samples



[aka.ms/m365pnp](https://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

New Microsoft 365 sample gallery with more than **1060** samples from Microsoft and community

[aka.ms/m365/samples](https://aka.ms/m365/samples)

The Microsoft 365 Sample Solution Gallery is a collection of over 1060 samples from Microsoft and the community. It features a search bar and a list of 1013 results. Some samples include links to GitHub and download options. The sidebar on the right allows users to filter by product category.

- All Products
- All Products
- Microsoft Lists
- Microsoft Teams
- Azure AD
- Office
- Power Apps
- Power Automate
- Power Fx
- SharePoint
- Viva
- Microsoft Graph
- Microsoft Graph Toolkit

## AGENDA

# Microsoft 365 platform call 10<sup>th</sup> of May @ 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
- Monthly community contributors
- Community together mode group photo
- **Divyanka Pillai and Michelle Lee** - Additional Contextual Actions in your Extended App
- **David Rousset** - Getting started on using Azure Communication Services in your web site



# GUIDANCE

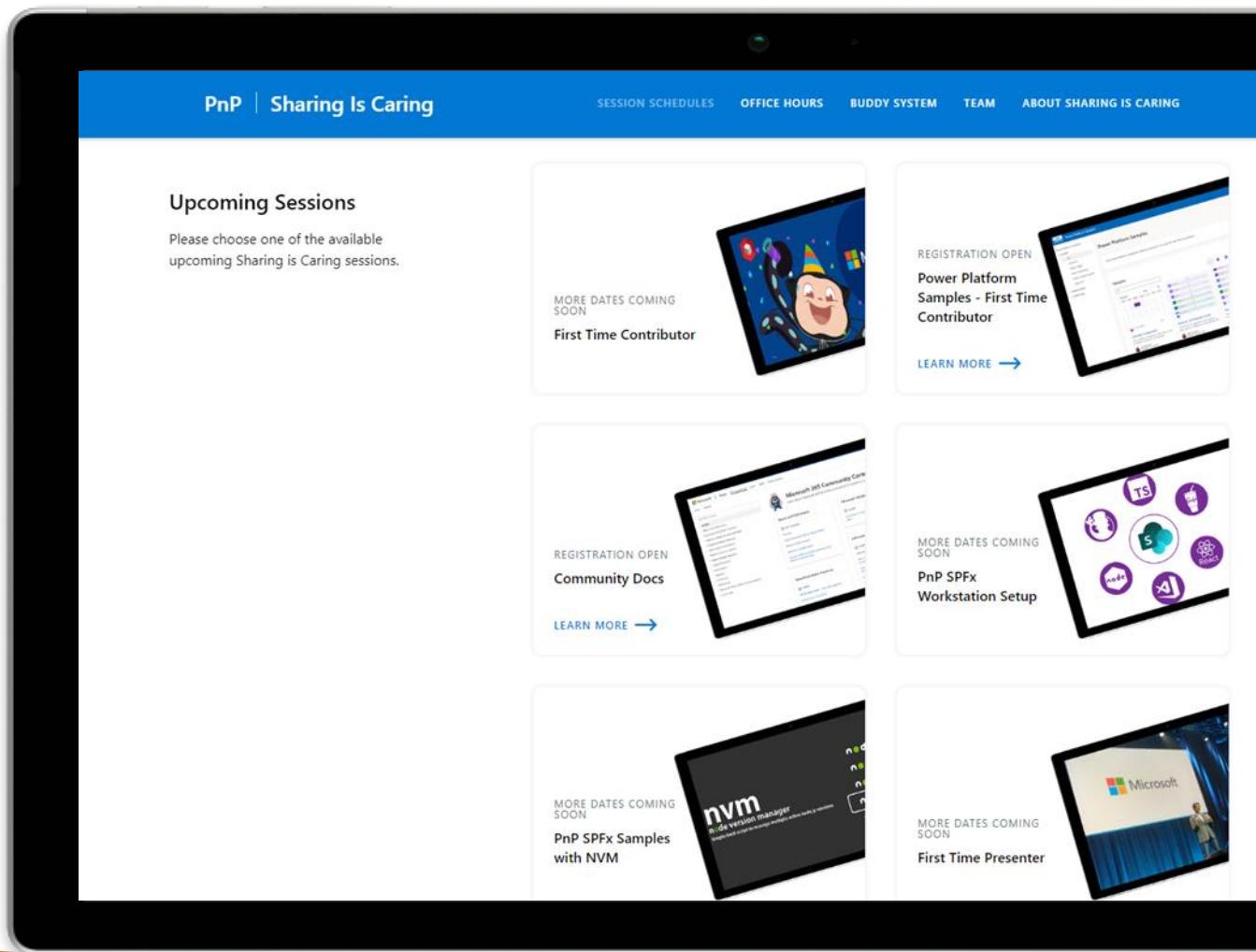
Learn how to get started in the open-source PnP community!

## 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!!

- Power Platform Samples – First Time Contributor



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

# COMMUNITY



# PnP Recognition Program

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



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

# SharePoint Framework

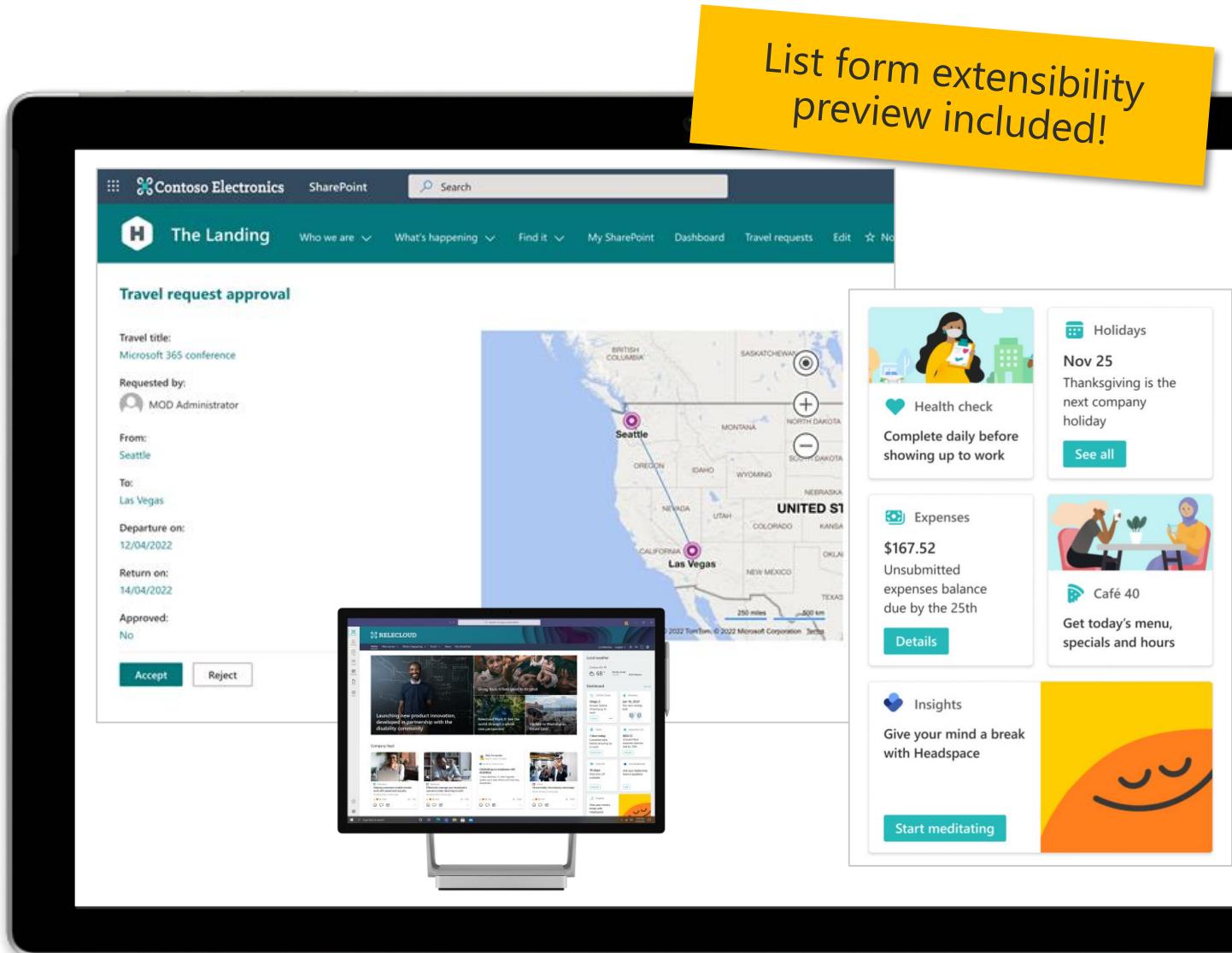
Latest from Microsoft engineering for Microsoft Viva, Microsoft Teams and SharePoint extensibility

**UPDATE**

# SharePoint Framework 1.15 public developer preview available!

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



# 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
  - 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 Teams SDK v11 (or newer – most likely 1.12.1)
  - Enable Service Principal Registration in app acquisition flow
  - Isolated Adaptive Card Extensions (Beta)
- Post 1.15
  - Bots Powered Adaptive Card Extensions (Beta)\*\*
  - Support for Node V16 – Delayed unfortunately due to dependency on Office UI Fabric version used in SharePoint Online

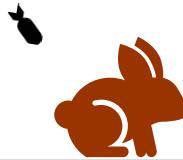


# PnPjs Client-Side Libraries





# PnPjs Client-Side Libraries



**Version 3.3 released May 13<sup>th</sup>**

- General documentation updates
- Add getLockedByUser method for files
- Addresses many reported issues and enhancements

Don't forget about the nightly builds

*npm install @pnp/sp@v3nightly --save*



# CLI for Microsoft 365





# CLI for Microsoft 365

## New version v5.2 with:

- Extended SPFx project upgrade guidance to include SPFx fast serve
- Upgrading SPFx projects to SPFx v1.15.0-beta.6
- Simplified logging in to Microsoft 365
- Support for adding private Teams channels
- Managing private Teams channels
- Managing Power Platform solutions
- Extended support for Planner
- Retrieving AAD signins information

## Install v5.2:

```
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/#v520>

The screenshot shows the GitHub profile page for the `CLI for Microsoft 365` repository. The page includes the repository name, a description, a logo of a porcupine wearing a PnP t-shirt, and social sharing icons. A blue callout box on the right side contains the text: "Available natively in Azure Cloud Shell".

**CLI for Microsoft 365**  
472 Tweets

PnP CLI MICROSOFT 365

Home User Guide Commands Concepts Sample Scripts About

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.

Follow

Available natively in Azure Cloud Shell

@climicrosoft365 #CLIMicrosoft365 on Twitter

aka.ms/cli-m365

github.com/pnp/cli-microsoft365/discussions

# SPFx Reusable Components





# Reusable SPFx Controls

## React Controls – 3.8.0

- PeoplePicker enhancements: ability to provide multiple group id-s, search in nested groups
- AdaptiveCardHost enhancements: add SPFx context, re-think CSS classes generation
- Support for section backgrounds in AccessibleAccordion and TreeView
- Various fixes

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

## React Property Controls – 3.7.0

- PropertyFieldListPicker: ability to provide content type id
- PropertyFieldColorPicker: provide preview of the selected color

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

Special thanks to our contributors: Andreas Omayrat, brianpmccullough, Christophe Humbert, Fabio Franzini, Gautam Sheth, Joel Lopes, Milan Holemans, Patrik Hellgren, Ravichandran Krishnasamy, Rico van de Ven, Russell gove.

### More information:

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

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

Twitter: @M365PnPControls

The image contains two side-by-side screenshots of the SharePoint ribbon interface, likely from a modern SharePoint environment. Both screenshots show a 'Section' control being used to format content.

**Screenshot 1 (Top):** This screenshot shows a 'Select Team' input field and an 'Accordion Item Heading 1' section. The 'Section' ribbon tab is active, displaying layout options: One column (selected), Two columns, Three columns; One-third left, One-third right; and background shading (None, Solid, Gradient). A 'Content Heading 1' heading is present below the accordion item.

**Screenshot 2 (Bottom):** This screenshot shows a 'Documents' list view and a 'Tree View' section. The 'Section' ribbon tab is active, showing the same layout options. It also includes a 'Fields Collection' section with a 'Manage' button and a 'Card 1' card containing tabs for 'Tab 1', 'Tab 2', and 'Tab 3'.

# 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 cards, there's a 'Get started: Office 365' link. 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, along with CSS overrides and JavaScript logic for rendering the results.

# PnP SPFx Samples

**PnP  
SAMPLES**



# PnP SPFx Samples

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

- Nothing new

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

- **Page Navigation**

Alex Terentiev | @alexaterentiev

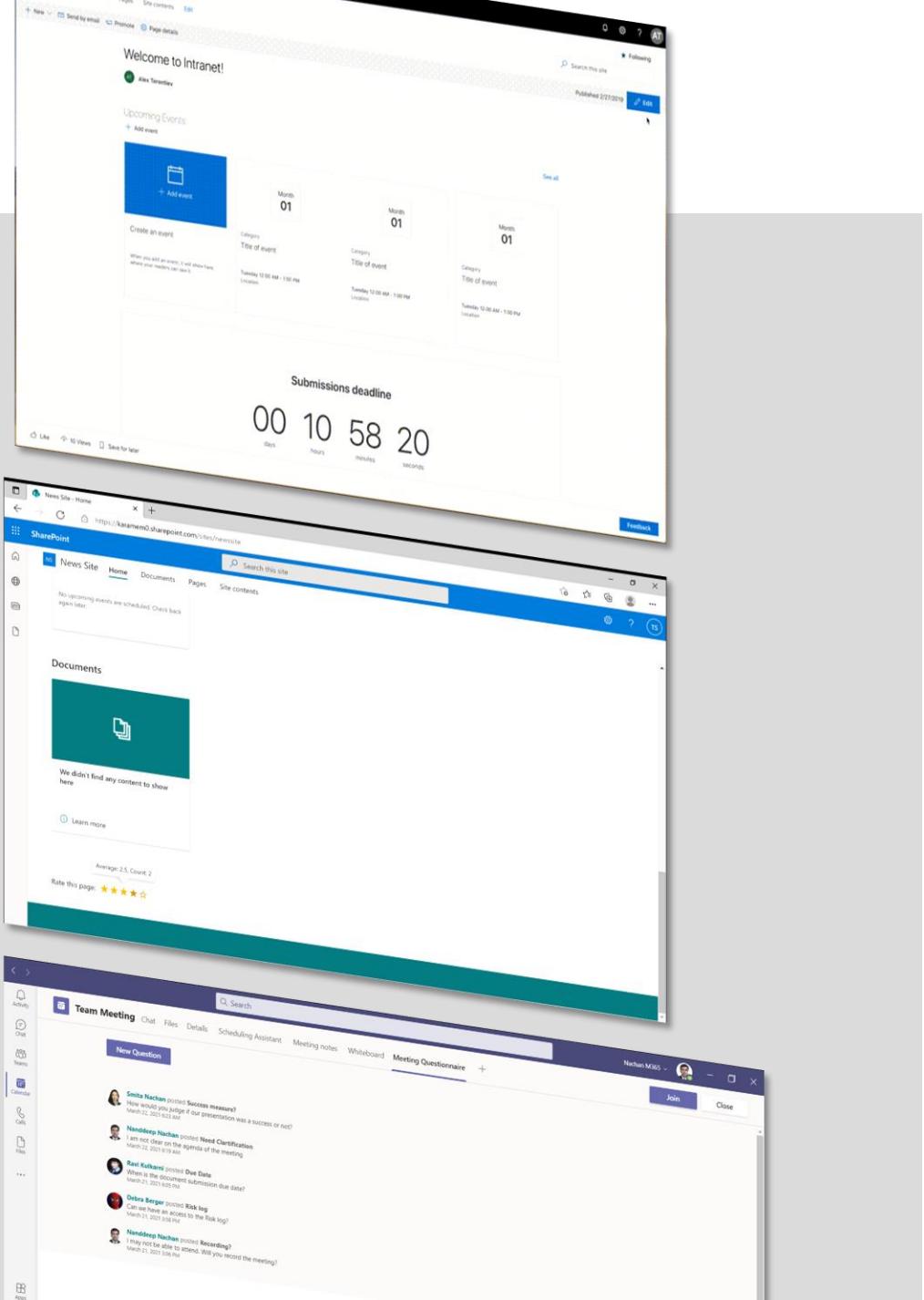
- **Teams Meeting App Questionnaire**

Nanddeep Nachan

| @NanddeepNachan

- **Star Ratings**

Takashi Shinohara | @karamem0





# PnP SPFx ACEs

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

- Word of the Day  
Guido Zambarda | GuidoZam

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

The screenshot illustrates the PnP SPFx ACEs Word of the Day feature. It shows a SharePoint page with a card displaying the word 'Juratory'. The card includes definitions, examples, and notes. A configuration panel on the right allows users to set parameters like card size and group name.

**SharePoint Interface:**

- WordOfTheDay** card details:
  - Juratory**
  - Definitions**: adjective
  - Examples**: "If he should not be sent as prisoner, it will not be right to do so until his offense be investigated here; accordingly the commissary may discharge him under bail or under juratory security."
  - Notes**: "Either he must confess that he was personally interested in the matter and then he would not be required to swear but would at the same time make himself an object of suspicion, or else he must go on paying this infernal toll money in order to be able to cross the non-juratory bridge, so to speak."
- Read more** button

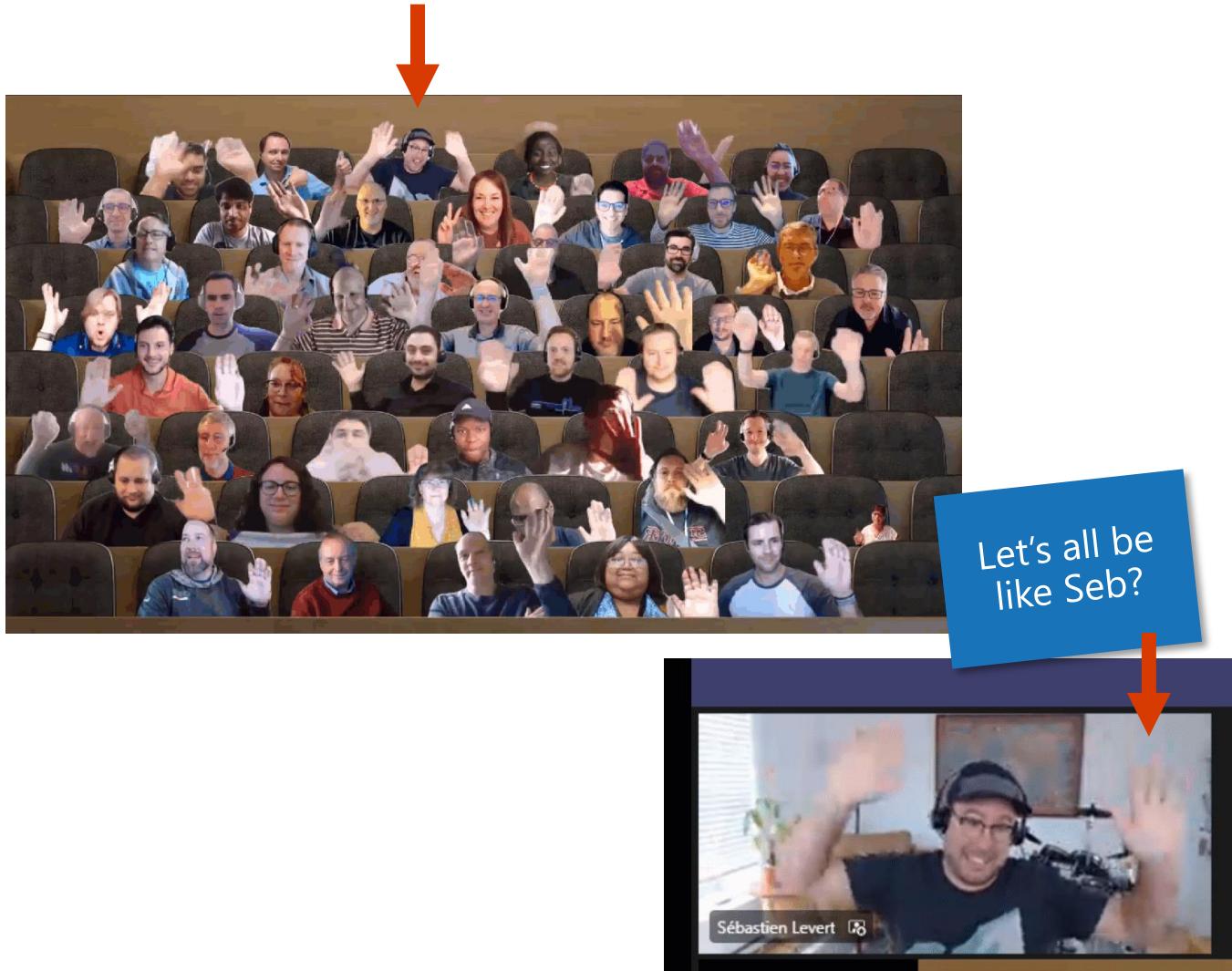
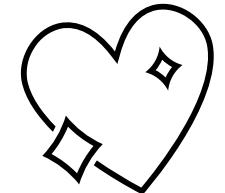
**Configuration Panel:**

- WordOfTheDay** card settings:
  - Description**
  - Card size**: Large
  - Group Name**
  - Card Title**: WordOfTheDay
  - Wordnik API key**
  - Use sample data**: On

# 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 hallway. 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 near a wooden foosball table.

# DEMO

- Manage data in OneDrive application folder
  - Adam Wójcik
- Auto Batching Graph Calls
  - Marcin Wojciechowski
- SPFx Design Patterns
  - Hugo Bernier (Microsoft)

# 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: **May 19<sup>th</sup> at 07:00am PT**  
Next M365 General Dev call: **May 12<sup>th</sup> at 07:00am PT**  
All available community calls from <https://aka.ms/m365/calls>

