

Call begins at
7:00 AM PT / 3:00 PM GMT

Viva Connections & SharePoint Framework Bi-weekly sync

June 2, 2022

Microsoft 365 PnP Team

Your host in this call:
Patrick Rodgers 



Viva Connections & SharePoint Framework Bi-weekly sync

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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
 - Arun Kumar Perumal – Frequently Asked Questions with Property Field Collection Data
 - Fabio Franzini - Solve Theme problems with the "Enhanced Theme Provider" PnP control
 - Alex Terentiev & Vesa Juvonen – Getting started on building custom list forms with SharePoint Framework 1.15 – updated story



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

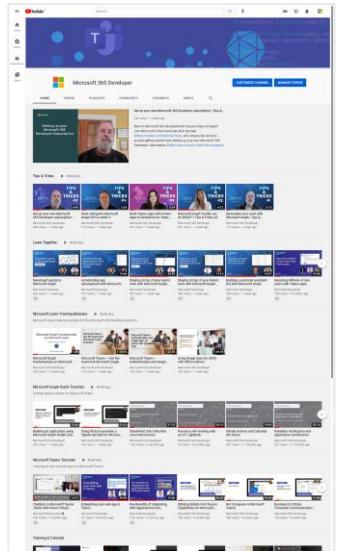
Provide Feedback

- 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.

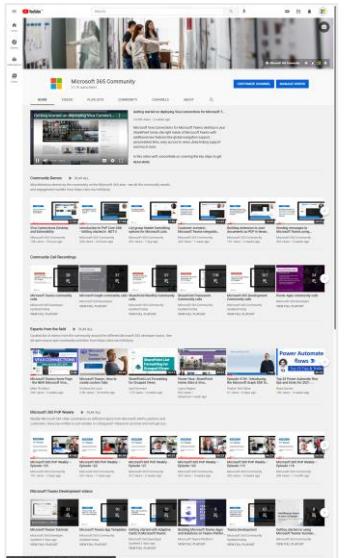
Request a demo spot on the call
<https://aka.ms/m365pnp/request/demo>

Microsoft 365 developer videos



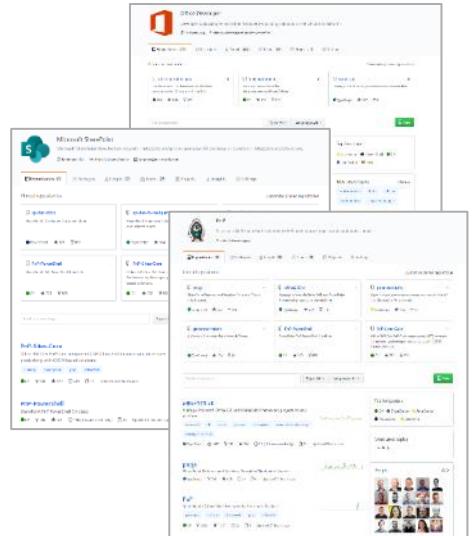
aka.ms/m365devyoutube

Microsoft 365 community videos



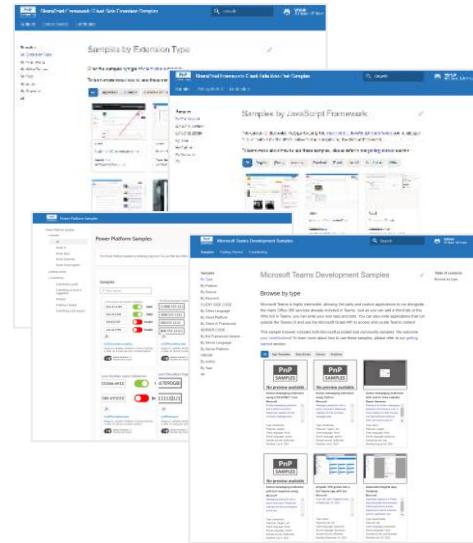
aka.ms/m365/videos

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/m365/community

Microsoft 365 developer community calls

Microsoft 365 platform (weekly) <https://aka.ms/m365-dev-call>

(Notice. This call is on a summer break between July 1st and 31st of August 2022)

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/PowerPlatformCommunityCall>

Microsoft 365 and 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/m365/calls>

AGENDA

Microsoft 365 platform call 7th of June @ 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
- **Zac Sun** - Migrate your SharePoint workflows to Power Automate with migration tooling (preview)
- **Dan Wahlin** - Send a SMS message with Azure Communication Services
- **Bob German** - TeamsJS SDK V2 to extend your Microsoft Teams solutions to Outlook and Office

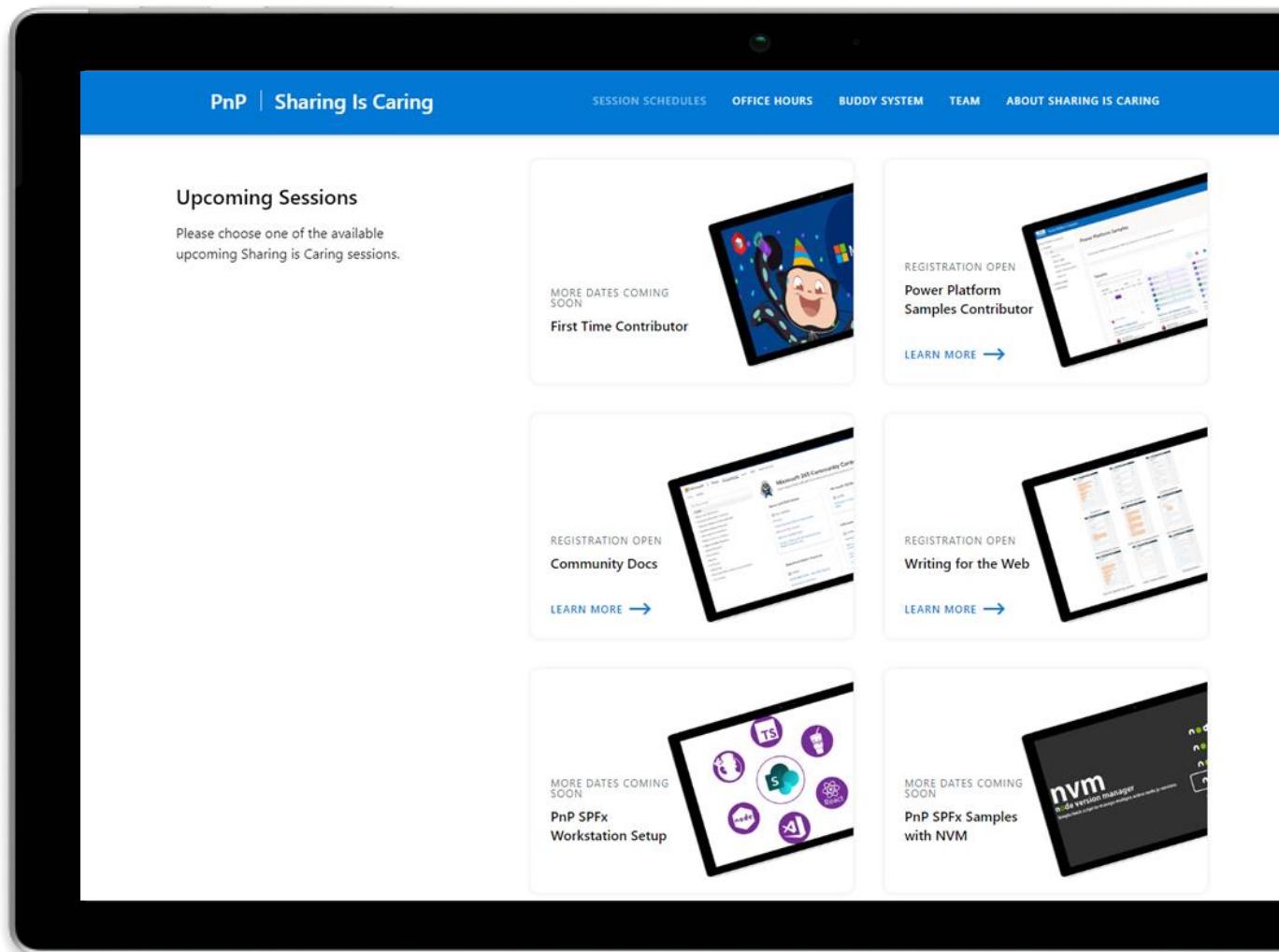


GUIDANCE

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

Upcoming Sessions:

- First-time contributor
- **Power Platform Samples Contributor**
- **Writing for the Web**
- 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



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

- Power Platform – Power Pages – Coming Soon!!!

COMMUNITY



PnP Recognition Program

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



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

SharePoint Framework

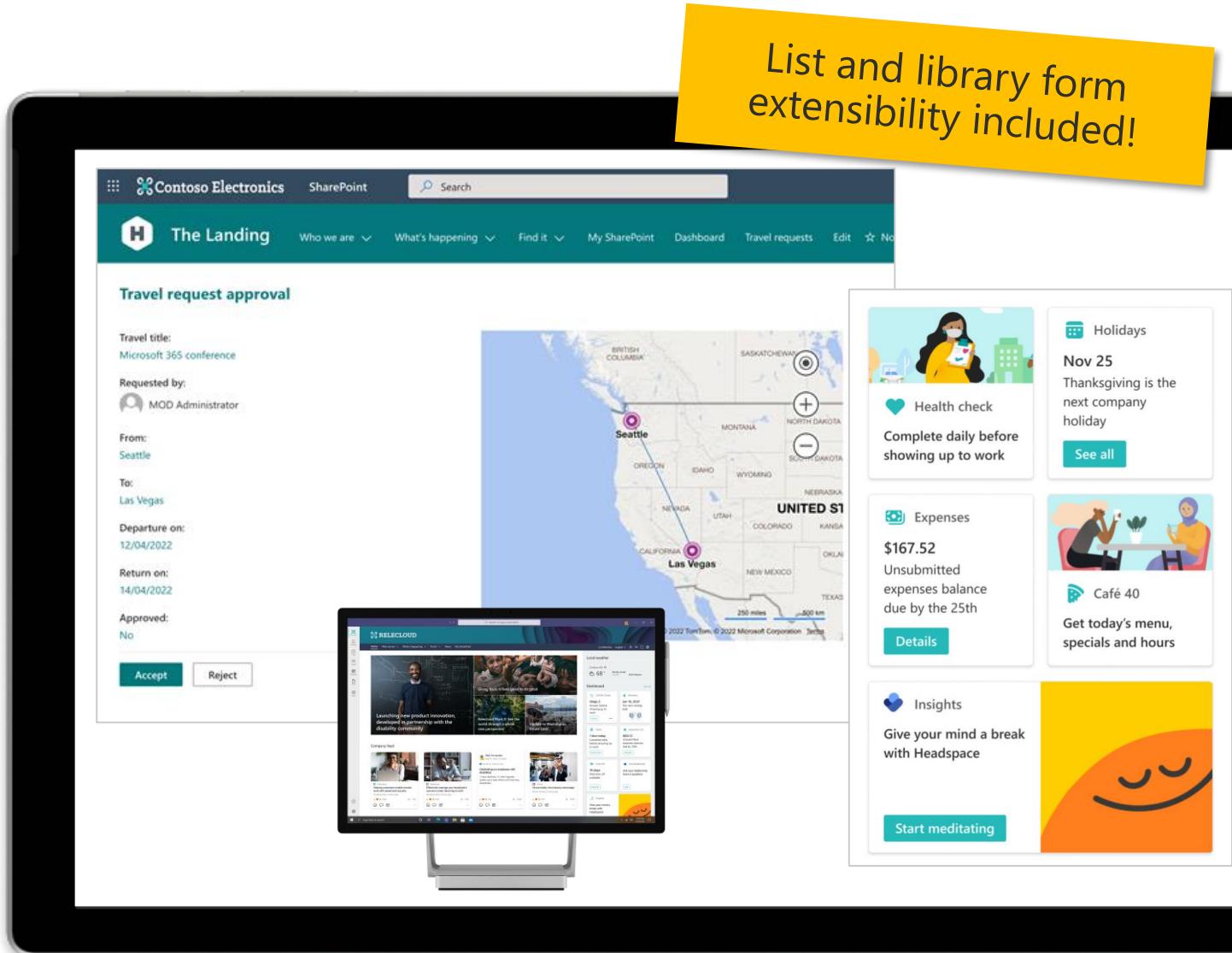
Latest from Microsoft engineering for Microsoft Viva, Microsoft Teams and SharePoint extensibility

UPDATE

SharePoint Framework 1.15 Release Candidate (RC) now available!

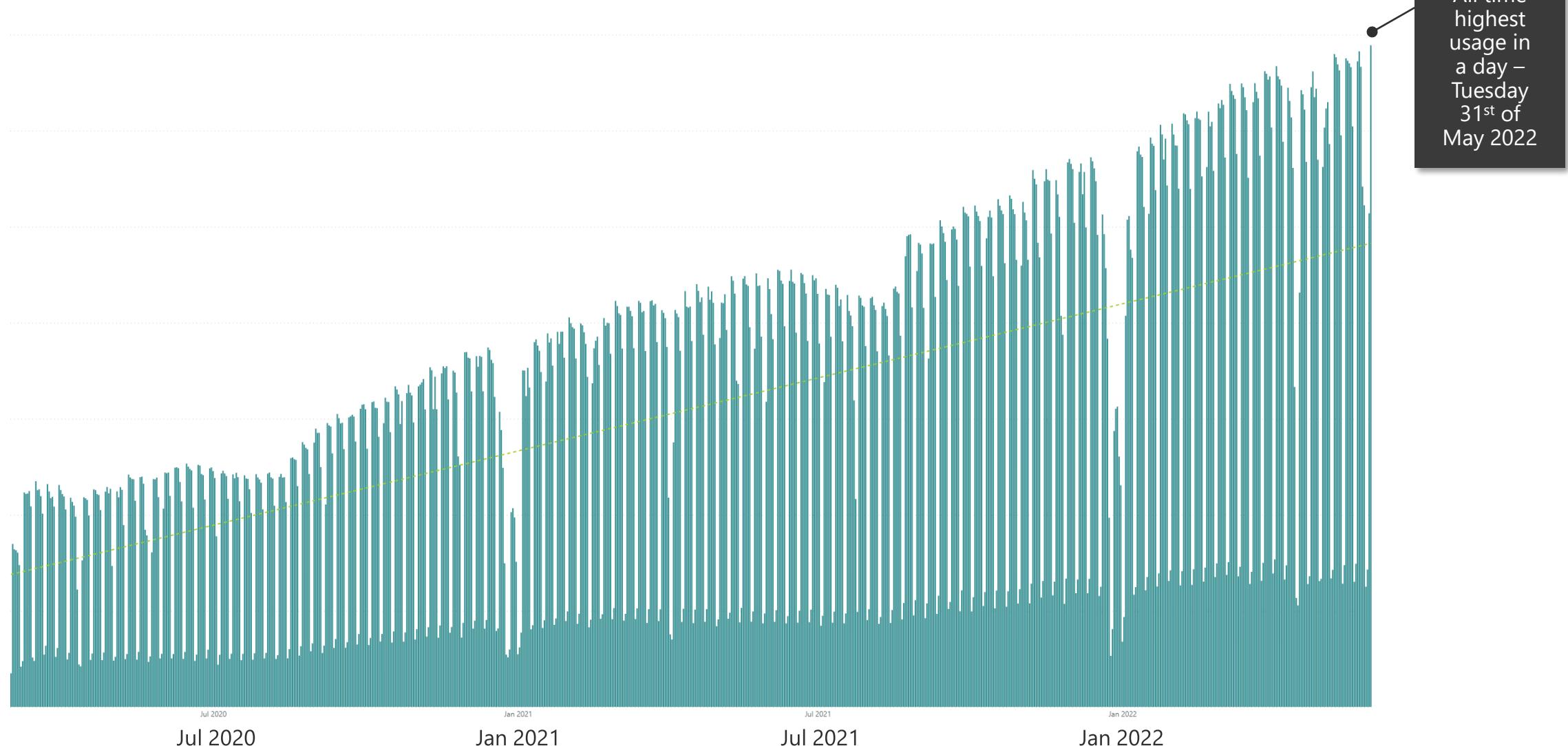
Release Candidate on the upcoming SharePoint Framework version now available with updated features for Microsoft Teams, Microsoft Viva and SharePoint Online

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



Rolling 28 days active users (MAU) 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

- 1.15 release candidate (RC) – Released yesterday
 - New Action types for media and geolocation – Tutorial just published
 - Support for Microsoft Graph SDK V3
 - ESLint support
 - Support for TypeScript V4.5
 - Support for Teams SDK v1.12.1
 - 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
 - Enable Service Principal Registration in app acquisition flow
 - Isolated Adaptive Card Extensions (Beta)
- Post 1.15 – 1.16 beta planned to get released in July
 - Bots Powered Adaptive Card Extensions (Beta)**
 - Support for Node V16 – Delayed unfortunately due to dependency on Office UI Fabric/Fluent version used in SharePoint Online*

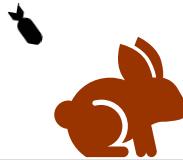


PnPjs Client-Side Libraries





PnPjs Client-Side Libraries



Version 3.4 to be released June 10th

- General documentation updates
- Updated packages
- SchedulePublish added for client-side pages
- Added paging support for graph library
- Additional fixes and updates in the works

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



CLI for Microsoft 365





CLI for Microsoft 365

New version v5.3 with:

- Managing list and list item permissions
- Retrieving list of security alert for your tenant
- Setting certificates on new and existing Azure AD apps
- Easily opening the management page for an Azure AD app in the Azure Portal
- Extended support for Planner

Install v5.3:

```
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/#v530>

The screenshot shows the GitHub repository page for 'CLI for Microsoft 365'. The page has a red header with the repository name and a navigation bar with links like Home, User Guide, Commands, Concepts, Sample Scripts, and About. The main content area features a large image of a porcupine mascot wearing a blue hoodie with 'PnP' on it. Below the image is a summary of what the CLI does: '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 call-to-action button at the bottom says 'Go to the page https://microsoft.com/devicelink and enter the code 1234567890 to open the page https://microsoft.com/devicelink and enter the code 1234567890'.

Available natively in Azure Cloud Shell

@climicrosoft365 #CLIMicrosoft365 on Twitter

book aka.ms/cli-m365

chat bubble 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

- **Adaptive Card support in the dev branch**
- **v4.6.1 – April 2022 release**
 - <https://github.com/microsoft-search/pnp-modern-search/releases/latest>
 - Thank you @gszdev, @kachihiro, @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, 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 a modal dialog titled "Edit results template" containing a code editor with HTML and CSS code for the search results template. The code includes placeholders for adaptive cards and promoted results. At the bottom of the dialog are "Save" and "Cancel" buttons.

PnP SPFx Samples

**PnP
SAMPLES**



PnP SPFx Samples

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

- Contributions welcome

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

- **Frequently Asked Questions with Property Field Collection Data**

Arun Kumar Perumal | arunkumarperumal

- **Pages Hierarchy**

Nick Brown | @techienickb

- **My Awards**

Luis Mañez | @luismanez

- **Filterable Image Gallery**

Ari Gunawan | arigunawan

- **Page Navigator**

Jasey Waegebaert | Jwaegebaert

- **ACE Strategy Pattern**

Marcin Wojciechowski | @mgwojciech

The collage includes:

- Microsoft Viva Topics FAQ**: A screenshot of a SharePoint page showing a navigation menu with items like "Admin and controls", "General", "Microsoft Viva Topics and SharePoint", and "Topic generation, curation, and discovery".
- SharePoint Anchor Nav**: A screenshot of a SharePoint page titled "Test Anchor Nav" showing a navigation bar with "AnchorNavSC" and a sidebar with sections like "Introduction", "Content", "Purpose", and "Scope".
- Topic Filterable Image Gallery**: A screenshot of a SharePoint page titled "Topic" showing a grid of images with filters for "Department" and search functionality.
- SharePoint My Awards**: A screenshot of a SharePoint page titled "My Awards" displaying three Microsoft certification badges: "M365 Platform Community Contributor 2022", "Microsoft Certified Associate", and "Microsoft Specialist: Developing Microsoft Azure Solutions".
- SharePoint Page Navigator**: A screenshot of a SharePoint page titled "United States of America" showing a navigation bar with "Spaceship Earth", "Africa", "Antarctica", "Asia", "Australia", and "Edit".
- SharePoint ACE Strategy Pattern**: A screenshot of a SharePoint page titled "Comments" showing a comment section with a placeholder "Add a comment... Type to mention someone".



PnP SPFx ACEs

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

UPDATES:

- **Office Locations – Image Card**
 - **Unread Emails – Primary Text Card**
 - **My Calendar Plan – Primary Text Card**
 - **News Feed – Primary Text Card**
- Nick Brown | @techienickb

Additional PR's Being Processed
***** We Love New Samples *****

The screenshot shows a GitHub repository page for `pnp/sp-dev-fx-aces`. The repository has 2 branches and 0 tags. The main branch contains several commits from the user `estruyf`, with the latest commit being a merge from `main` to `master` 18 days ago. The repository is described as a sample for Viva Connections Adaptive Card Extensions (ACEs). It includes sections for About, Releases, Packages, and Contributors.

About

Repository for the Microsoft Viva Connections Adaptive Card sample solutions from Microsoft and community. aka.ms/viva/connections/extensibility

Code

`github` Added missing schema + removal of docs
`samples` Update master to main branch in samples
`templates` Updated pattern
`.gitignore` Add DS_Store to gitignore.
`CONTRIBUTING.md` telemetry fixes and contribute fix
`LICENSE` Initial commit
`README.md` Updating readme wording around Viva Connections

Viva Connection Adaptive Card Extensions (ACEs) sample repository

Repository for the Viva Connections Viva Adaptive Card (ACE) sample solutions from Microsoft and community. ACEs are build using [SharePoint Framework](#). This repository contains community samples that demonstrate different usage patterns for the SharePoint Framework client-side web parts.

We do welcome community contributions to the samples folder in this repository for demonstrating different use cases with SharePoint Framework. Notice that if you use 3rd party libraries, please make sure that library license allows distributions of it as part of your sample.

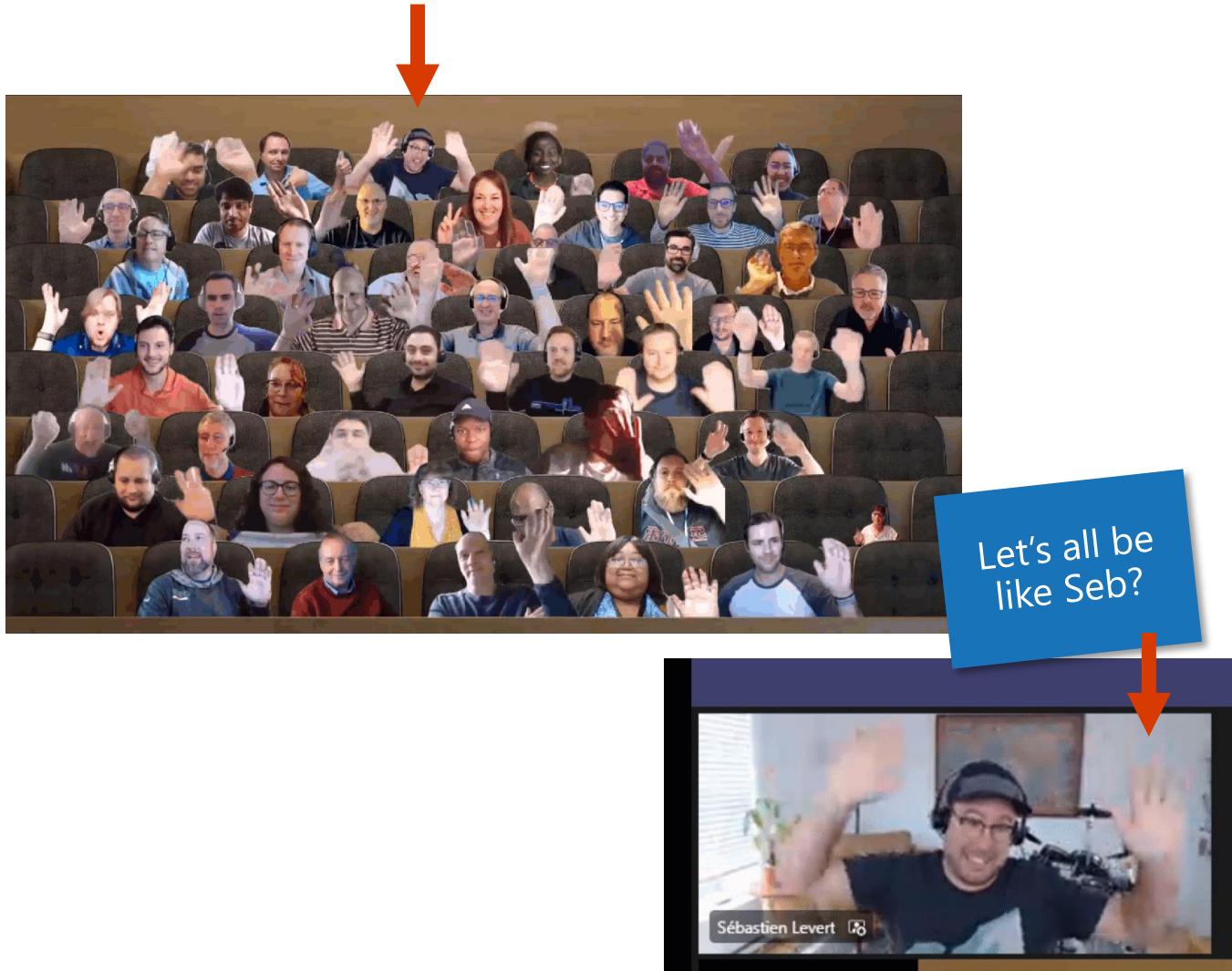
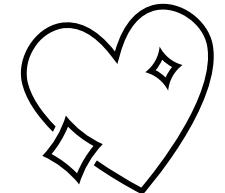
Contributors

20 contributors shown.

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 shirt, are looking at the board. They are standing in front of a whiteboard with some handwritten text and a small logo of a rabbit.

DEMO

- Frequently Asked Questions with Property Field Collection Data Arun – Kumar Perumal
- Solve Theme problems with the "Enhanced Theme Provider" PnP control – Fabio Franzini
- Getting started on building custom list forms with SharePoint Framework 1.15
 - updated story
 - Alex Terentiev
 - Vesa Juvonen

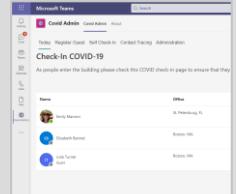
SharePoint Framework experiences in Microsoft 365

The easiest way to build your enterprise solutions for Microsoft Teams, Microsoft Viva and SharePoint Online

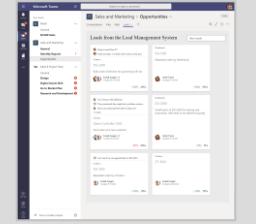


Microsoft Teams

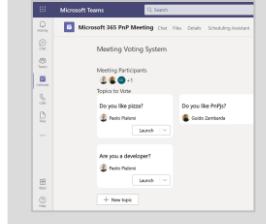
Personal Apps



Teams tabs



Meeting apps

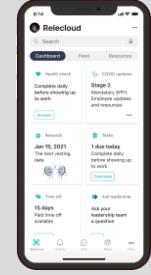


Messaging extensions



Microsoft Viva Connections

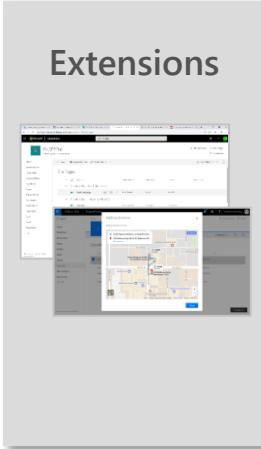
Cards



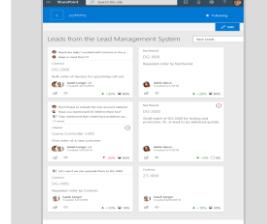
Web Parts



Extensions



App pages



SharePoint Online

Content driven applications | SSO | Automatic code hosting | Industry standard tooling

<https://aka.ms/spfx>

 Microsoft Search This forum < > Sign In

[Home](#) > [SharePoint](#) > Allow us to develop custom mod...

Posted in [SharePoint](#)

 The Microsoft Feedback Team • 7 months ago

Allow us to develop custom modern forms with custom edit experience

We would like to be able to create an SPFx form and associate it with the List/Content type Disp, Edit, New form so that no matter how a user finds a list item (search, OOB list view, custom list view, etc) they see our custom form. Currently our only option is to create a completely disconnected experience in which we write a custom list view that points to custom form pages.

Alternatively support field customizers with edit model to enable custom field editing experience.

Open SharePoint Framework

Official Microsoft response

Official Microsoft response
Thanks for your feedback! We're reviewing your suggestion

↑ 2,591 Votes □ 6 Comments ☆ Follow Share ▾ 0 Flags

The image shows two screenshots of a SharePoint site. The left screenshot displays a 'List' view for a 'mylist' library. The ribbon navigation bar includes 'Home', 'Documents', 'Pages', 'mylist', 'Site contents', and 'Edit'. The toolbar contains 'New', 'Edit in grid view', 'Share', 'Export', 'Automate', 'Integrate', and a 'More' button. A green arrow points from the 'Item' option in the 'New' dropdown menu to the right screenshot. The right screenshot shows a custom SPFx component integrated into the SharePoint page. The component has a blue header bar with the 'comms' logo and a search bar. The main content area displays the text 'I'm a custom SPFx component! Wow!'.

- You will own the whole canvas and experience
- You can access the context details in your code – with list details (and item id details)
- Save and Close operations for you to call

API level support for in content types

- Initially CSOM and REST API level support for associating the required components in the ContentType level
 - Microsoft Graph API support in roadmap
- New properties
 - ContentType.NewFormClientSideComponentId
 - ContentType.NewFormClientSideComponentProperties
 - ContentType.DispFormClientSideComponentId
 - ContentType.DispFormClientSideComponentProperties
 - ContentType.EditFormClientSideComponentId
 - ContentType.EditFormClientSideComponentProperties

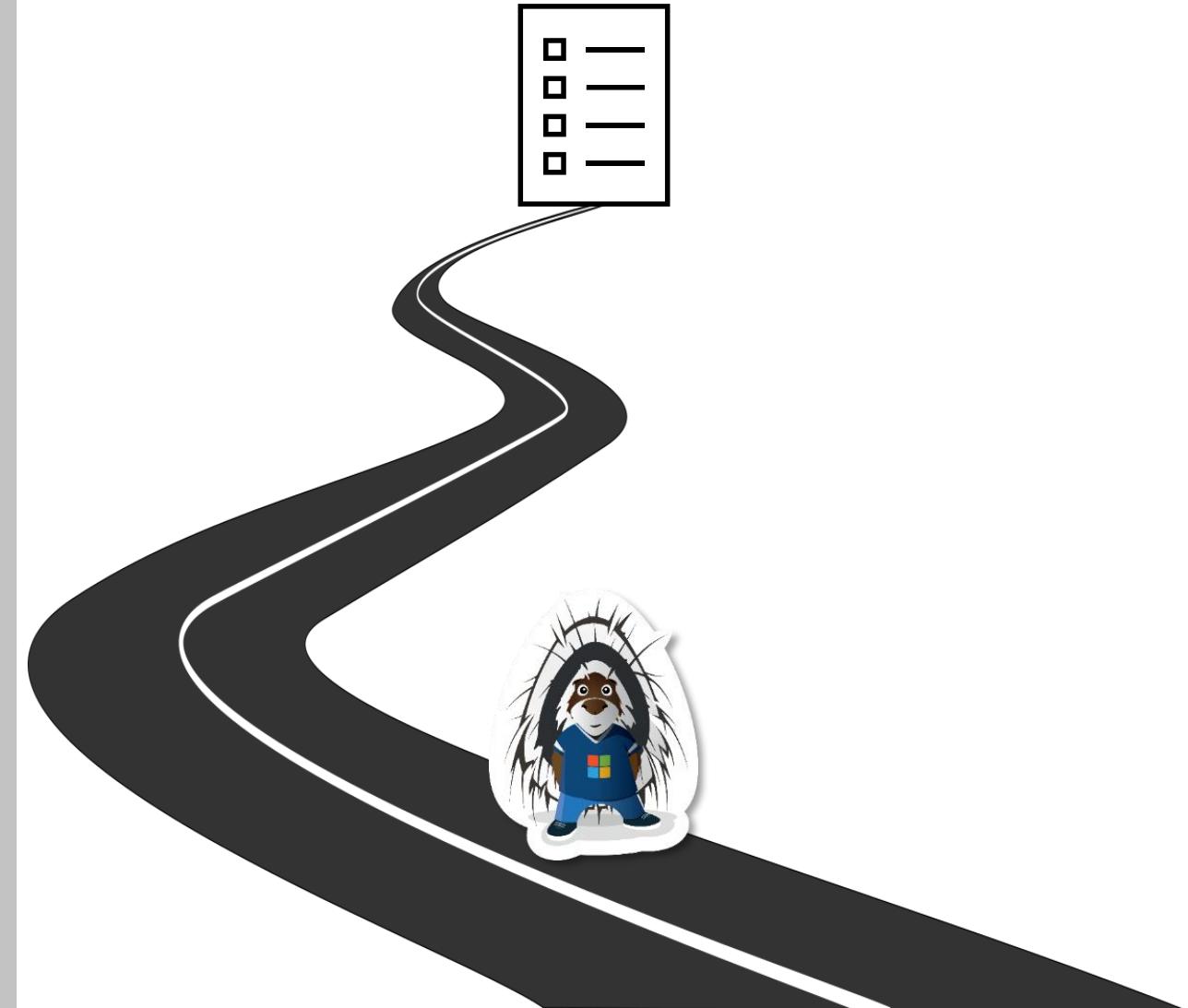
Included in CSOM NuGet
starting from version
16.1.22518.12000
(May 31st 2022 forward)

DEMO

Creating list form extension in SharePoint
Framework 1.15 and test the deployment

List extensibility roadmap

- Already out in 1.15 Release Candidate
 - Support overriding item level new, edit and view forms
 - Association done on the content type level – if exists in the list level, custom UX is rendered
 - API level support to associate custom rendering component at the content type level
 - Deployment support with elements.xml
 - Tutorial to get started with initial documentation
- Items in the roadmap and next steps (No ETA)
 - Support showing custom components in the list context panel without requirement to move to separate view
 - Support on overriding the list default view – when listing numerous items in the list
 - Tenant wide deployment list support for the list extensibility components
- Keep the feedback coming on what you need in this area as well



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: **June 16th at 07:00am PT**

Next M365 General Dev call: **June 9th at 07:00am PT**

All available community calls from <https://aka.ms/m365/calls>

