

Your host in this call:  
Patrick Rodgers 🇺🇦

# Viva Connections & SharePoint Framework Bi-weekly sync

August 11<sup>th</sup>, 2022

Microsoft 365 PnP Team



# Agenda

- Latest update on the SharePoint Framework
- Patterns and Practices Updates
  - PnPjs
  - CLI for Microsoft 365
  - Reusable PnP SPFx controls
- New Community Samples
- Picture time with Together Mode!
- Demos
  - **Markus Möller** – React Taxonomy File Explorer
  - **Elio Struyf** – Introduction to new Viva Connections Toolkit VS Code extension to streamline your development



# 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

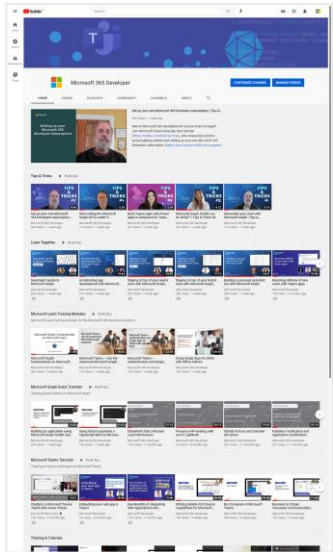
- How are the calls?
- Documentation needs?
- Where can we help?
- Positive is OK too!

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>

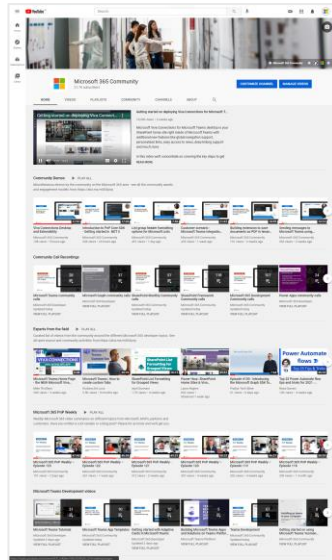


## Microsoft 365 developer videos



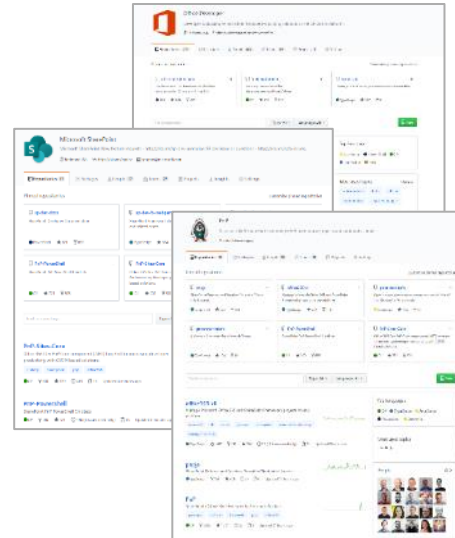
[aka.ms/m365devyoutube](https://aka.ms/m365devyoutube)

## Microsoft 365 community videos



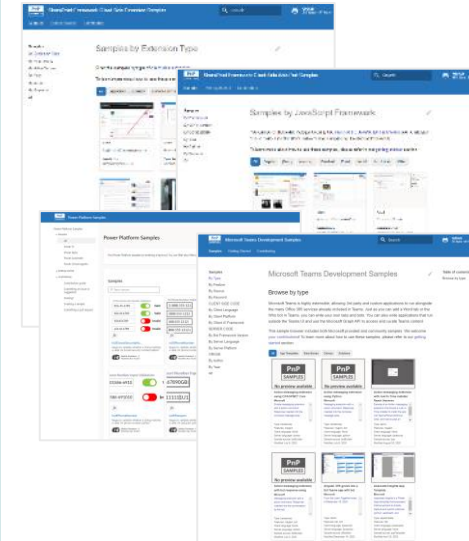
[aka.ms/m365/videos](https://aka.ms/m365/videos)

## 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/m365/community](https://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 1<sup>st</sup> and 31<sup>st</sup> 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>

# GUIDANCE

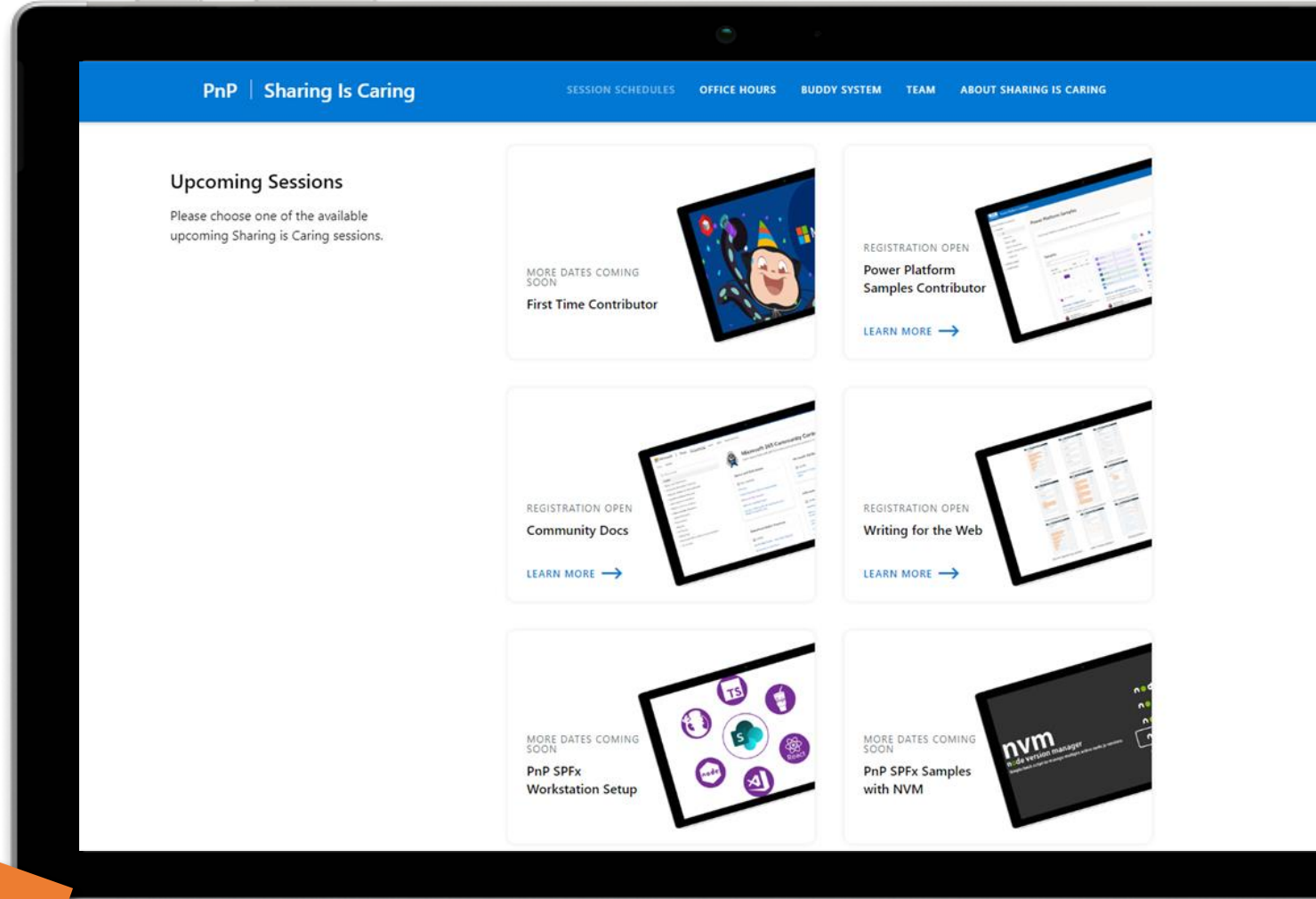
Learn how to get started in the open-source PnP community!

## Upcoming Sessions:

- 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

**August & September Dates**

- **Power Platform Samples Contributor**
- **Writing for the Web**



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

# COMMUNITY



## 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

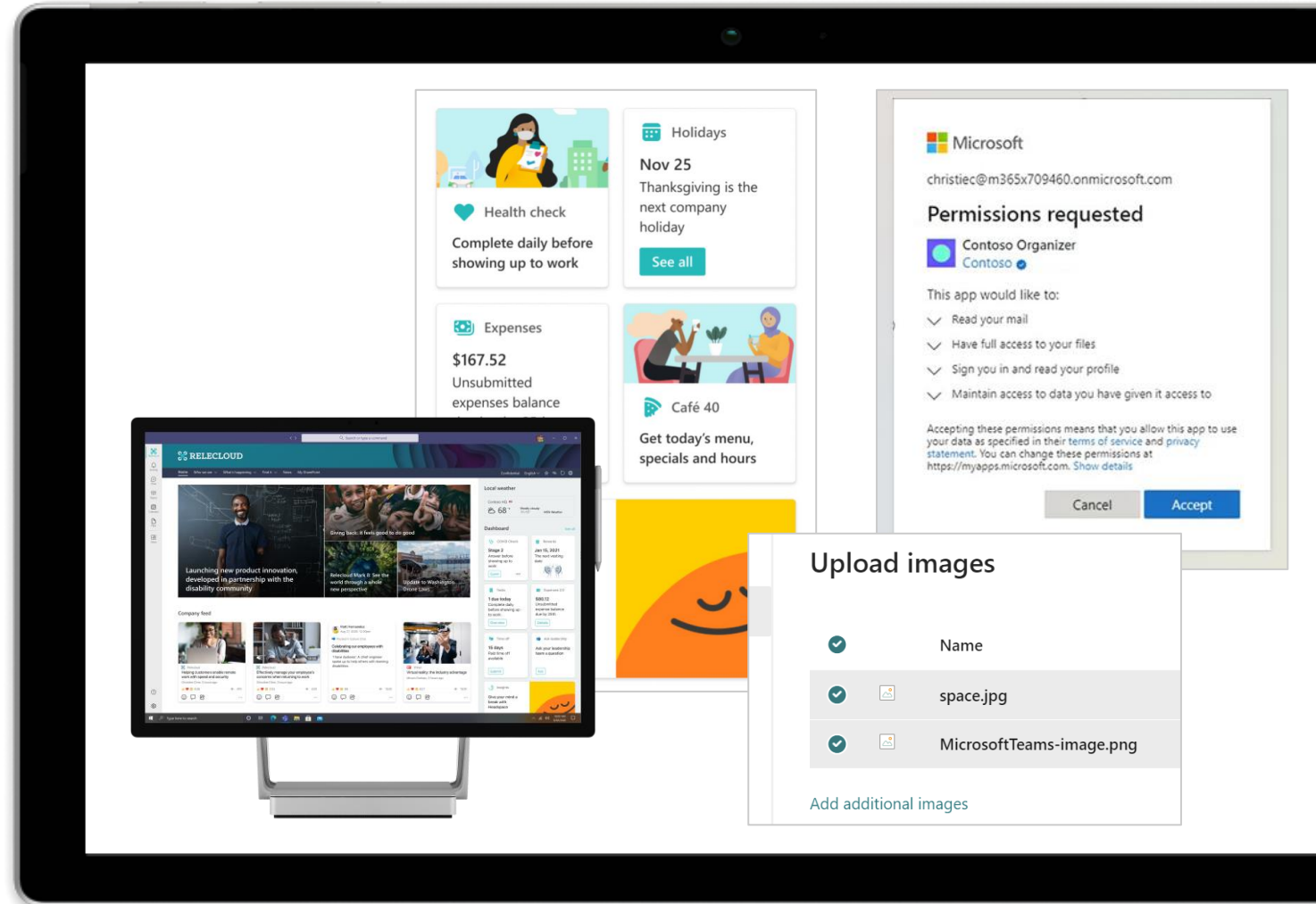


**RELEASE**

# SharePoint Framework 1.15.2 now available!

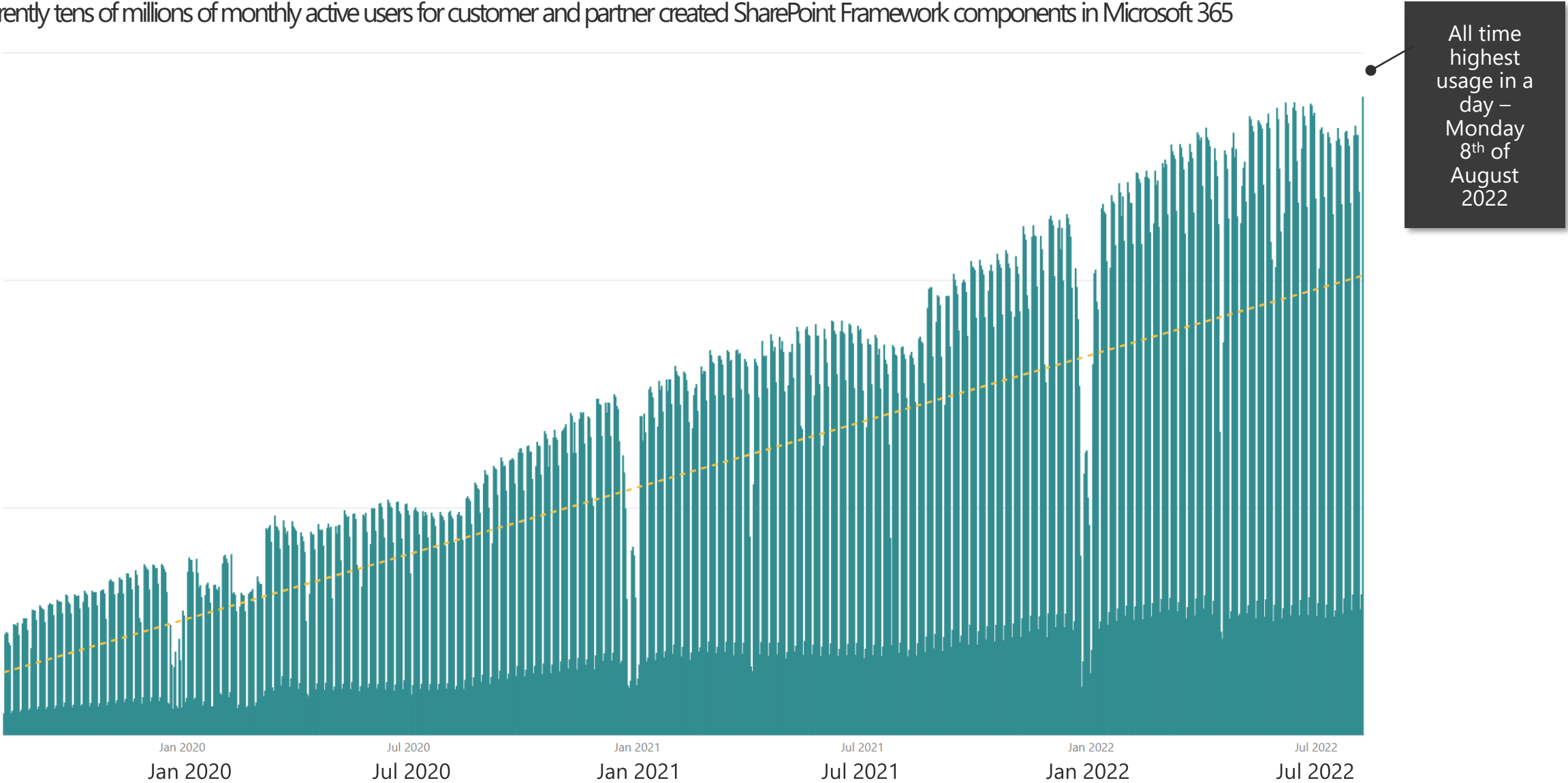
New updated version of SharePoint Framework is now available with updated features for Microsoft Teams, Microsoft Viva and SharePoint Online

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



# 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 – SPFx roadmap

- **1.15.2 – Released 2 weeks ago**
  - Enable Service Principal Registration in app acquisition flow
  - New media action type for Viva Connections
  - ESLint support update based on community feedback
  - Bug fixes and adjustments based on GitHub issues
- **1.16 preview in late August (TBD)**
  - Teams JavaScript SDK v2 native support in SPFx solutions
  - Bots Powered Adaptive Card Extensions (Beta)\*\*
  - ... and more... 🚀
- **1.16 General Availability in by end of 2022**
- **1.17 ETA in December/January**

and more across Microsoft Viva, Microsoft Teams and SharePoint



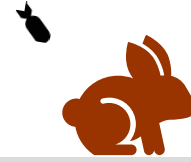
# PnPjs Client-Side Libraries







# PnPjs Client-Side Libraries



## Version 3.6 to be released Aug 12<sup>th</sup>

- General documentation updates
- Graph support for lists, content-types, columns
- Update for URL encoding
- Graph support for Special folders

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





# CLI for Microsoft 365

## New v5.6 with:

- Support for upgrading and validating SPFx projects to v1.15.2
- Support for returning associated groups from SPO Groups
- Support for renaming files stored in SharePoint
- And more...

## Install and run v5.6:

```
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/>



@climicrosoft365 #CLIMicrosoft365 on Twitter

📖 [aka.ms/cli-m365](https://aka.ms/cli-m365)

💬 [github.com/pnp/cli-microsoft365/discussions](https://github.com/pnp/cli-microsoft365/discussions)

# SPFx Reusable Components







# Reusable SPFx Controls

## React Controls – 3.9.0

- New controls: EnhancedThemeProvider, FieldPicker, ContentTypePicker, ModernAudio, AdaptiveCardDesignerHost
- Enhancements to DateTimePicker, Toolbar, PeoplePicker, DynamicForm
- Various fixes

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

## React Property Controls – 3.8.0

- Localization for en-gb
- Enhancements for fast-serve, PropertyFieldSitePicker, PropertyFieldCollectionData
- Various fixes

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

## Update to SPFx 1.15.2 - work in progress

Special thanks to our contributors: Annie-Johnson, Daniel Watford, Dennis Kuhn, Fabio Franzini, Gautam Sheth, Jake Stanger, Jasey Waeghebaert, Joseph Halvey, IRRDC, Markus Langer, Markus Möller, Milan Holemans, Morten Andersen, Peter Cox, Richard Gigan, Rico van de Ven, ryanexner, Sergio Villalta.

### More information:

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

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

**Twitter:** @M365PnPControls

### Audio Control



### Select your field(s)

▼

Number of Likes

Number of Ratings

Rating (0-5)

### Select your content type

▼

Discussion

Folder

Summary Task

# PnP Modern Search

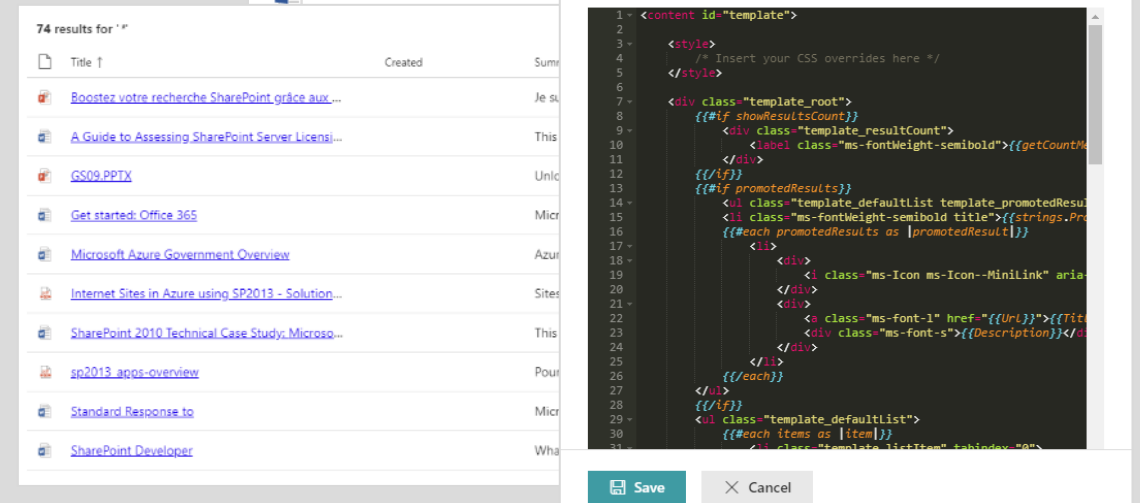
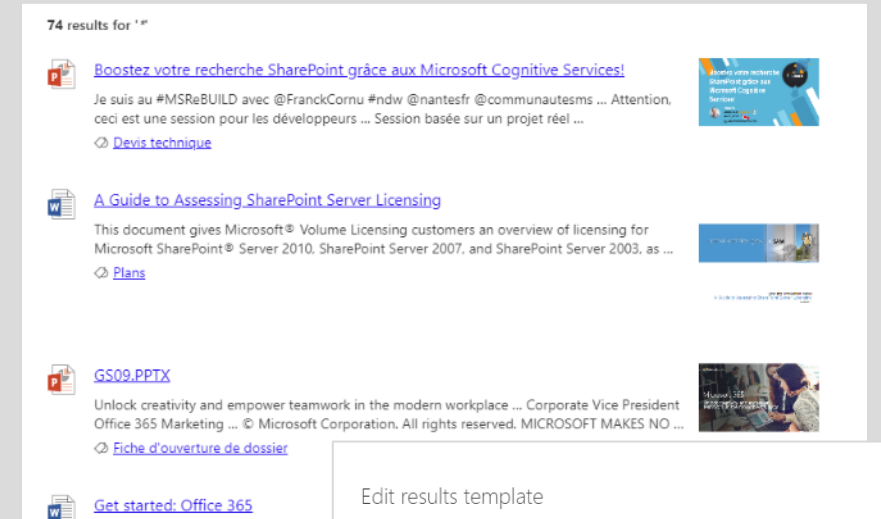


# PnP Modern Search

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

## Building modern Search experiences with flexible web parts

- **v4.7.0-beta – June 2022 release**
  - <https://github.com/microsoft-search/pnp-modern-search/releases/tag/4.7.0-beta>
- Thank you @d-martins, @bruzie, @rick-brown-slalom, @mrjarbenne, @davemehr for your support
- Support for Adaptive Card rendering
- 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



# PnP SPFx Samples





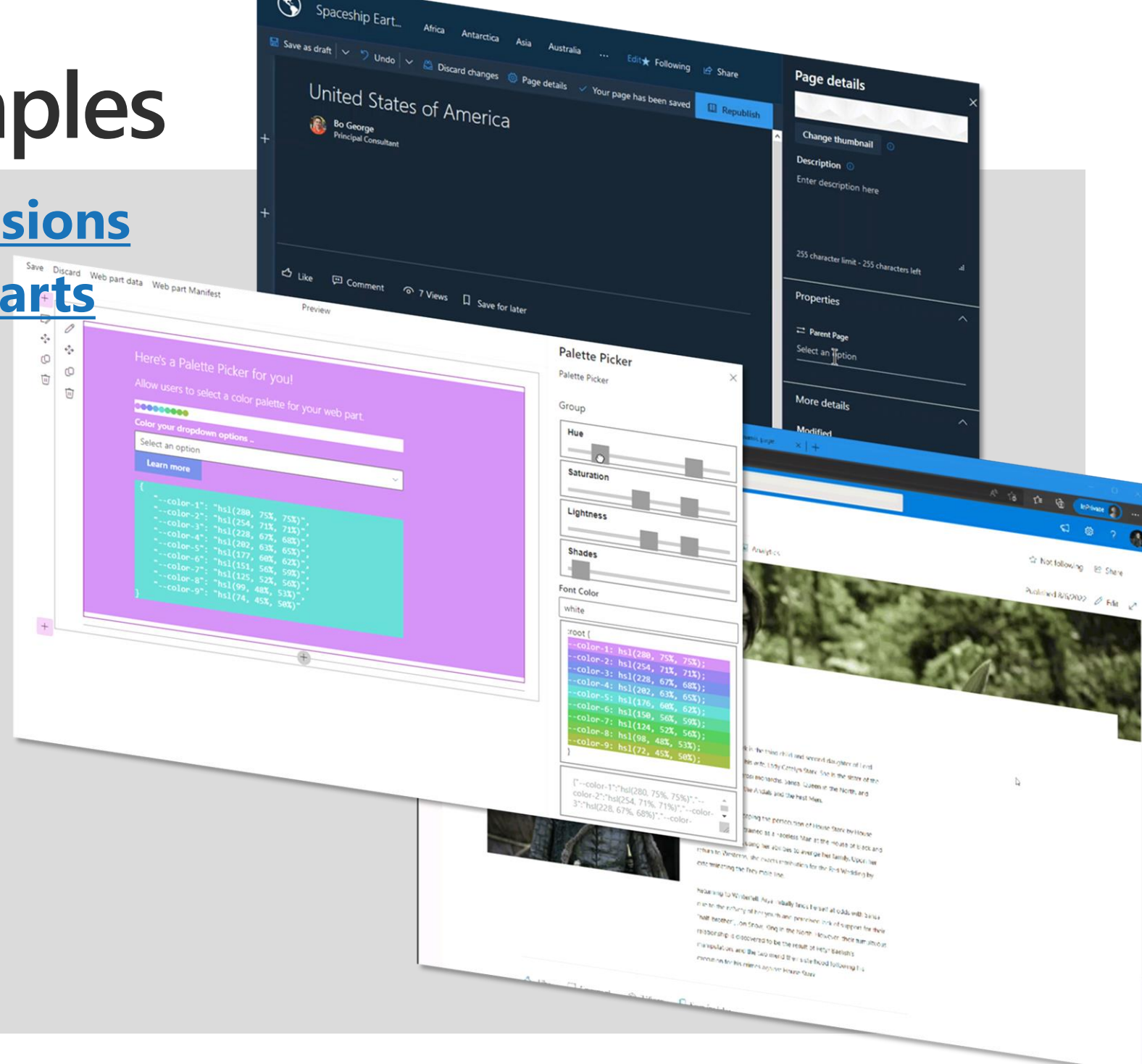


# PnP SPFx Samples

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

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

- **Pages Hierarchy**  
SlowRobot
- **My Awards**  
Luis Manez | luismanez
- **Palette Picker**  
flowerbot



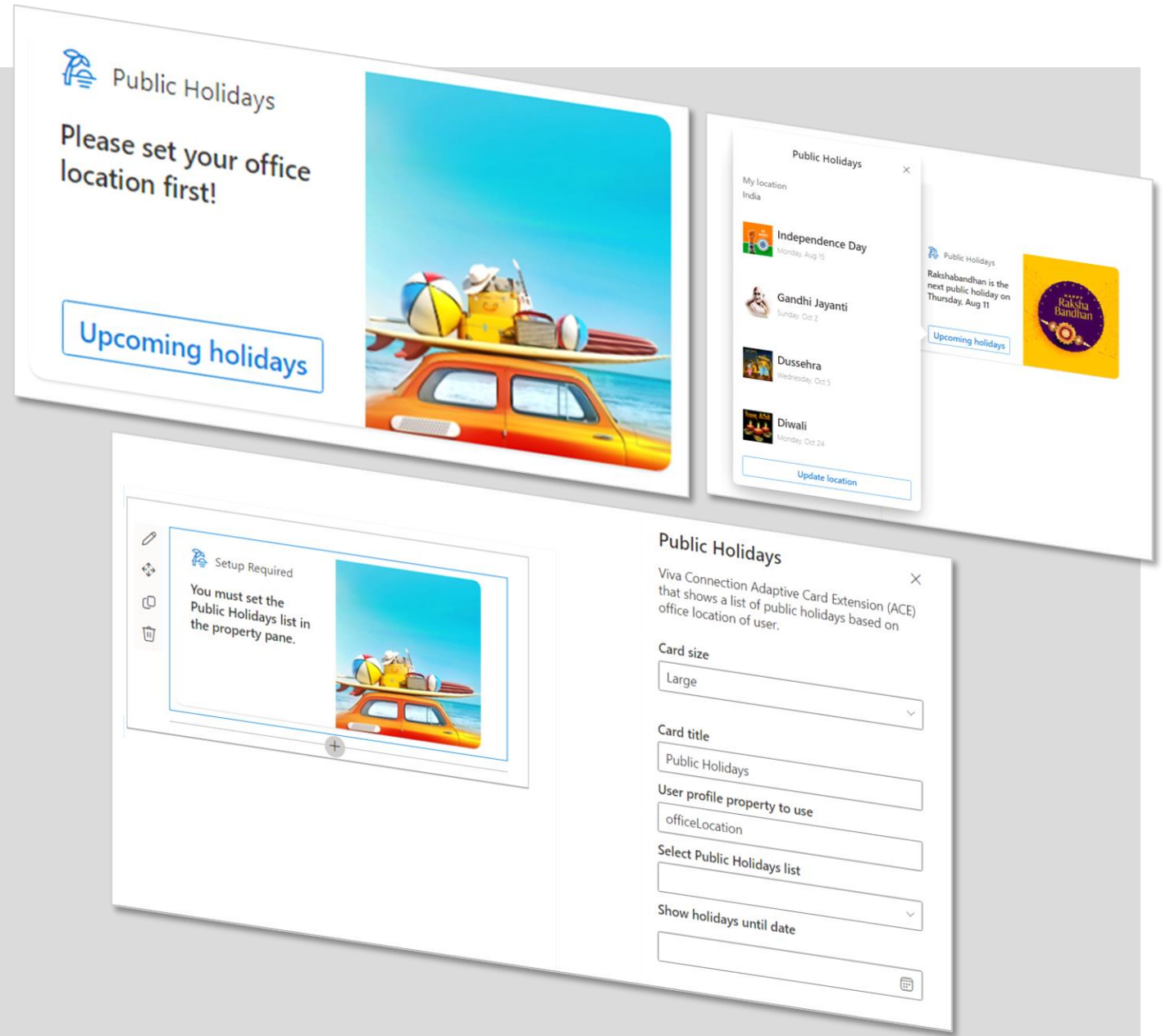


# PnP SPFx ACEs

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

**Public Holidays**  
Nanddeep Nachan | @NanddeepNachan

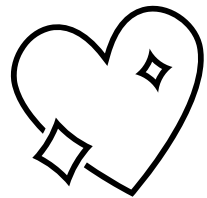
\*\*\* We Love New Samples \*\*\*



# 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.*





# DEMO

- React Taxonomy File Explorer  
– Markus Möller
- Introduction to new Viva  
Connections Toolkit VS Code  
extension to streamline your  
development  
– Elio Struyf





# 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](#) | [@M365PnP](#)

Next Viva Connections & SPFx call: **August 25<sup>th</sup> at 07:00am PT**

Next M365 General Dev call: **August 18<sup>th</sup> at 07:00am PT**

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

