



Your host in this call:
David Warner (Microsoft)

Microsoft 365 & Power Platform Development – Bi-weekly call

May 12th, 2022



Agenda

- Latest on PnP Framework and Core SDK extension
- Latest on PnP PowerShell
- Latest on yo Teams
- Latest on Microsoft Graph Toolkit
- Latest Microsoft Teams samples
- Latest on Power Platform samples
- Picture time with the **Together Mode!**
- **Stephan Bisser** - How to build a SSO bot using yo teams for Microsoft Teams
- **André Lage** - List Formatting Demo – Discussion Boards
- **Chris Kent** - List Formatting Magic



Opportunities to Participate in the community

Demo solution
or technical
pattern

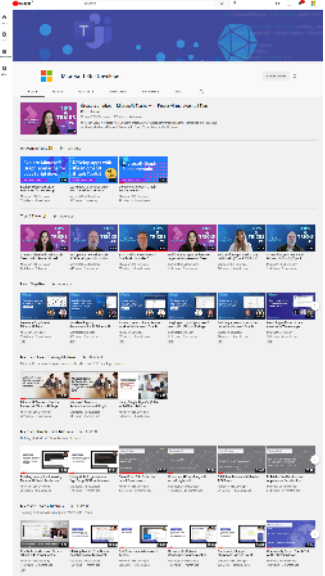
Contribute on
GitHub

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.

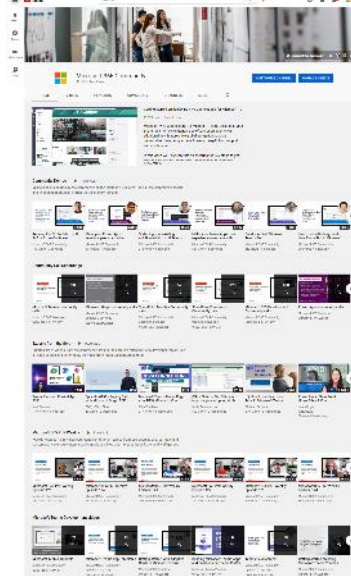
Request a demo spot on the call
<https://aka.ms/m365pnp/request/demo>

Microsoft 365 developer videos



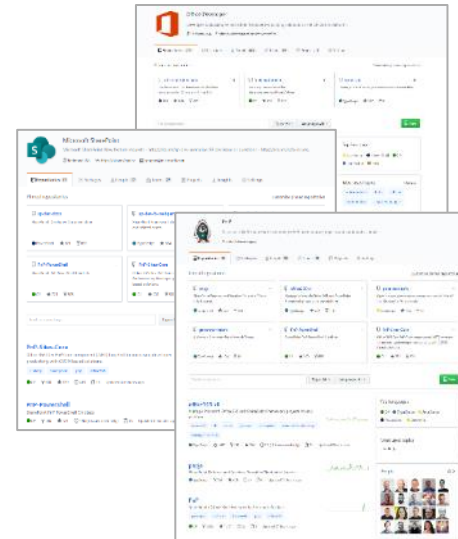
aka.ms/m365devyoutube

Microsoft 365 community videos



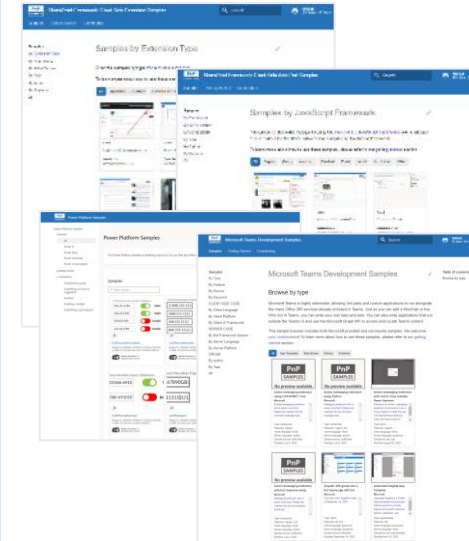
aka.ms/m365pnp/videos

Open-source



github.com/sharepoint
github.com/pnp
github.com/officedev
github.com/microsoftgraph

Sample galleries



aka.ms/m365/samples
aka.ms/teams-samples
aka.ms/spfx-webparts
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/PowerPlatformMonthlyCall>

Microsoft 365 & Power Platform Development (bi-weekly)

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

Viva Connections & SharePoint Framework (bi-weekly)

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

Download recurrent invites from

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

AGENDA

Microsoft 365 platform call 17th 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
- Community together mode group photo
- **Mounika Narayanan** - Integrate Graph connector content on Office.com
- **Waldek Mastyskarz and Paolo Pialorsi** - Your Microsoft 365 app within the fingertips of employees with Viva Connections



GUIDANCE

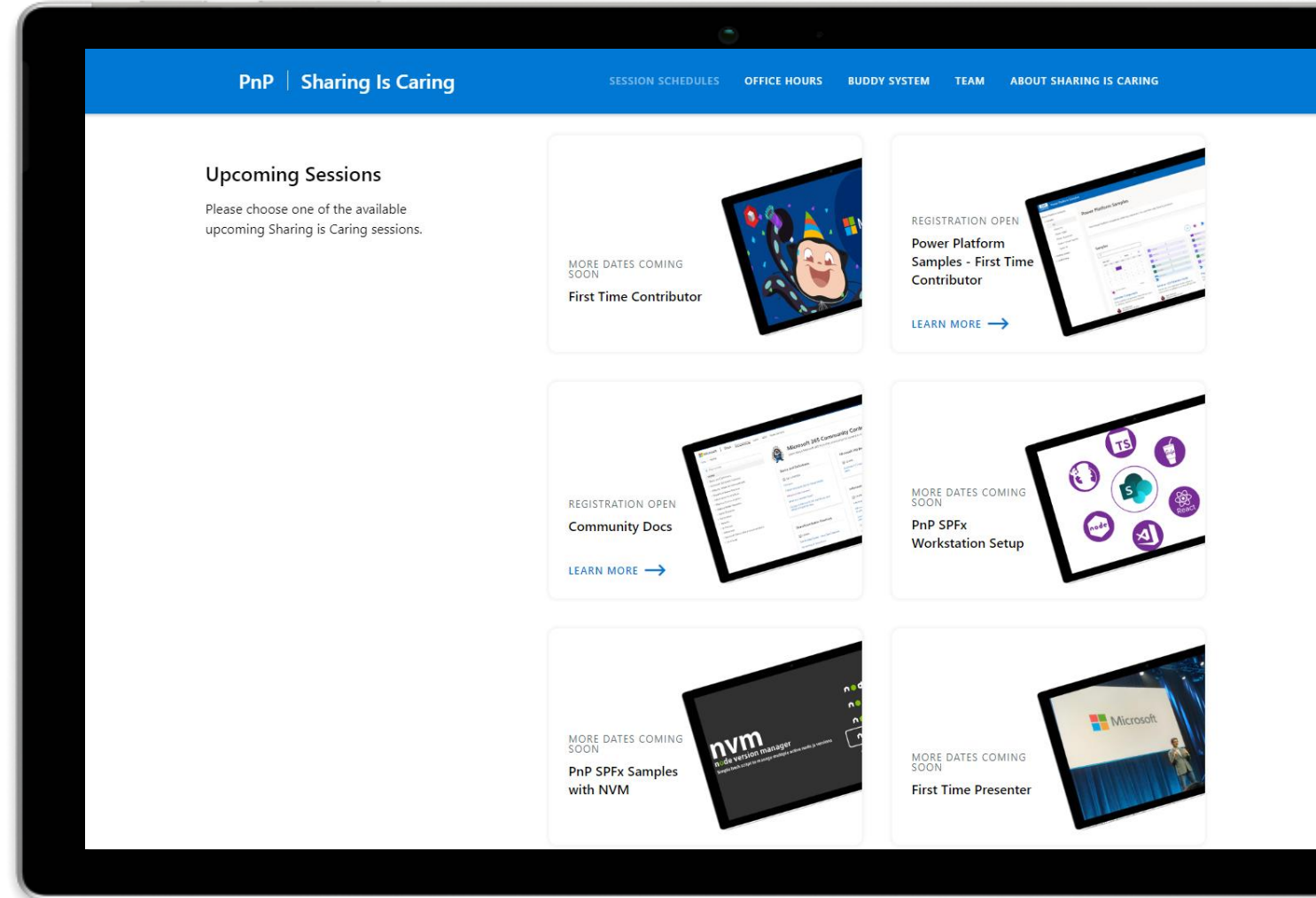
Learn how to get started in the open-source PnP community!

Upcoming Sessions:

- First-time contributor
- Power Platform Samples – Contributor
- SPFx Developer Workstation Setup
- Using PnP SPFx samples w/ NVM
- More than code with VS Code
- First-time presenter
- M365 Maturity Model Practitioners

NEXT WEEK

Community Content Docs



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

COMMUNITY



PnP Recognition Program

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



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

SCRIPT SAMPLES

Site now has 149 scenarios and **214 scripts**, using Microsoft Graph, CLI for Microsoft 365, PnP PowerShell, SPO Management Shell tooling, Power Apps PowerShell, Azure CLI, and more... 😊 AND samples integrated into "**Unified**" Solution Gallery 🤖

Samples Include

Updates or scenarios implemented with alternative tools

Testing user preferred language of SharePoint Site (**Adam Wójcik**)

Update User Profile Properties (**Jasey Waagebaert**)

Flow run day summary (**Leon Armston**)

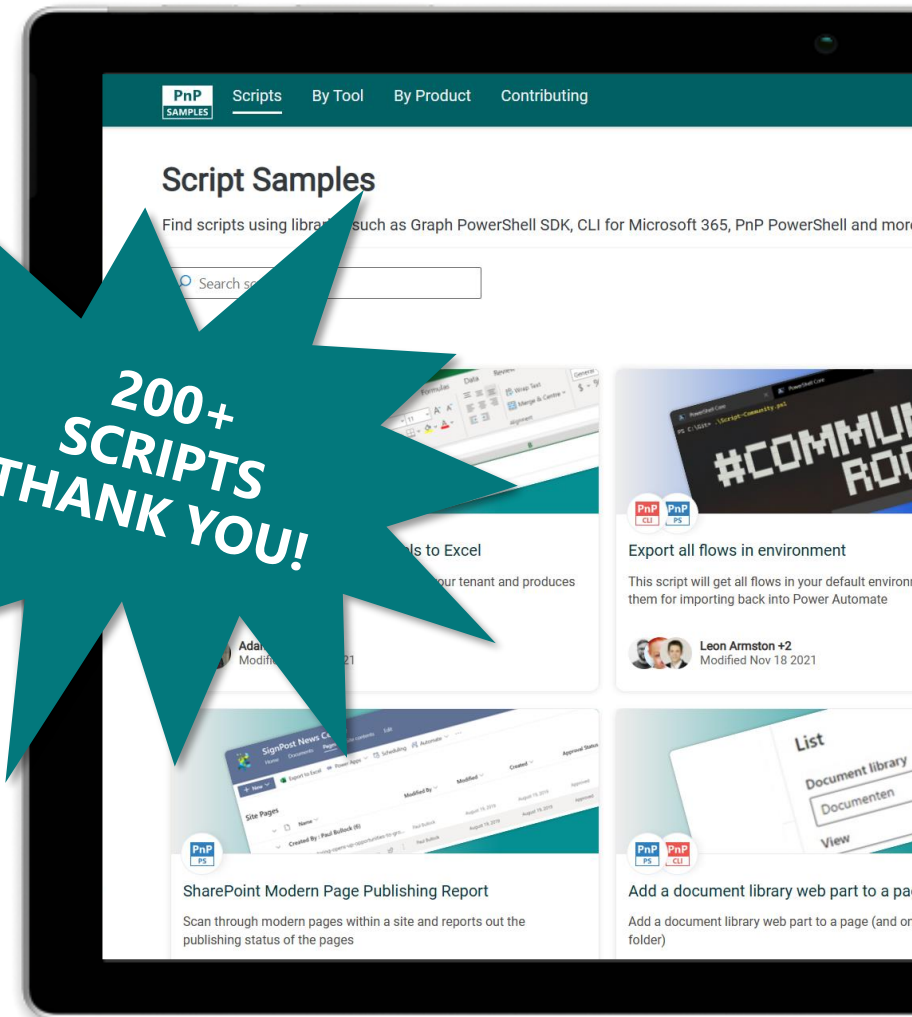
Scenario is a task performed by a script e.g.,
Undelete items from the Recycle Bin which can be achieved by more than one script tool e.g. CLI for Microsoft 365, PnP PowerShell

Thank you for your samples and contributions! 🙌

***Please reach out if you need support with submissions
or if you feel something can be improved!***



One centralized location for all scripts for helping your day-to-day life. Contribution's welcome!



aka.ms/script-samples

PnP .NET libraries

A set of libraries that helps Microsoft 365 .NET developers to be more productive when working with SharePoint and Teams



PnP .NET libraries

Working on it

Roadmap

PnP Framework

- 510,000 downloads!
- Version 1.9.0 released!**
- Prepping 1.10.0:
 - Merge pending PRs
 - General fixes and improvements: 👍 Koen Zomers, Sergei Sergeev

PnP Core SDK

- 693,000 downloads!
- Version 1.6.0 released!**
- Prepping for 1.7.0:
 - Retrieve web templates, share files and folders, event receiver support and mentioning support in Teams chat : Mathijs Verbeeck 👍👍🚀
 - Fixes and improvements: cleaning up bug list and discussions... 👍 Dennis van Niel, Daniel Pastoor and Bert Jansen

What key scenarios are still missing?

<https://github.com/pnp/pnpcore/blob/dev/src/sdk/CHANGELOG.md>

 nuget.org/profiles/pnp

 aka.ms/pnp/framework

 nuget.org/profiles/pnp

 aka.ms/pnp/coresdk



PnP PowerShell

Open-source cmdlets which provide you an easy way to manage your SharePoint and Teams environment.



PnP PowerShell

Cross Platform PnP PowerShell

V1.10.0 released!

- Many updates and fixes!
- 2 million downloads!
- 100 million cmdlets executed per day!!
- Docs shifted, no more **docs.microsoft.com**
- Documentation, Articles and tips available at <https://pnp.github.io/powershell>
- PnP PS runs in **PS 5, PS 7, Azure CloudShell, Azure Functions, Azure Runbooks & Raspberry Pi**

Bug Fixes

- Added cmdlets for **Viva Connections Dashboard ACEs**. Full support for CRUD operations on the dashboard.
- Added **Get/Stop-PnPFlowRun** cmdlet to get specific flow runs, all runs and stop a flow
- Added **Invoke-PnPGraphMethod** cmdlet. Full support for all Microsoft Graph requests
- Added **Remove-PnPTeamsChannelUser** to remove users from private channel
- Bug fixes and improvements continue.

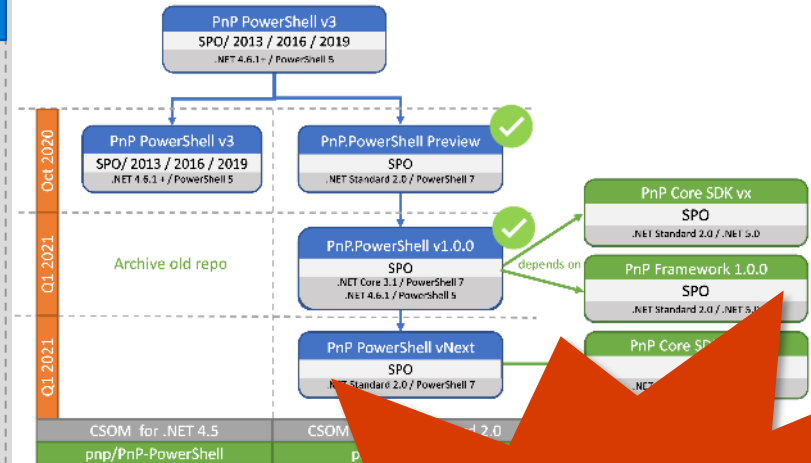
<https://github.com/pnp/powershell/blob/dev/CHANGELOG.md>



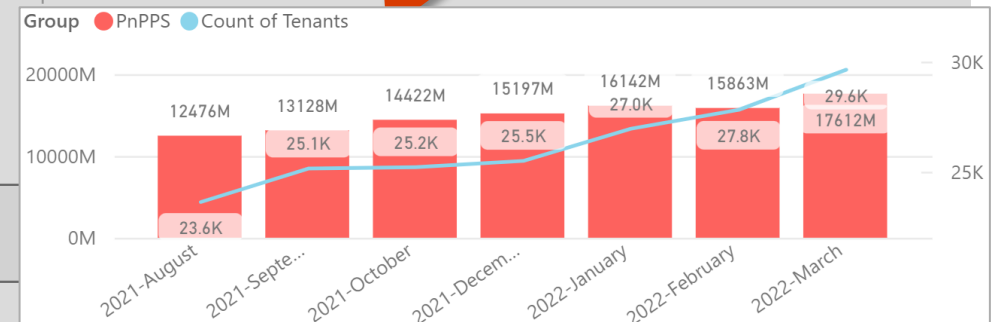
github.com/pnp/powershell



[www.powershellgallery.com](http://www.powershellgallery.com/PnP.PowerShell)
PnP.PowerShell



>29.500
tenants!



yo teams

Open-source Yeoman generator for Microsoft Teams development



yo teams <https://aka.ms/yoteams>

42K

Totals Downloads

generator-teams – The Teams apps generator

📖 Docs published at <https://pnp.github.io/generator-teams/>

🚀 Latest release: 3.5.0 [2021-11-18]

Improved telemetry (<https://pnp.github.io/generator-teams/about/telemetry/>)
Brand new template used for bot scaffolding – better aligned with Bot Fx code samples

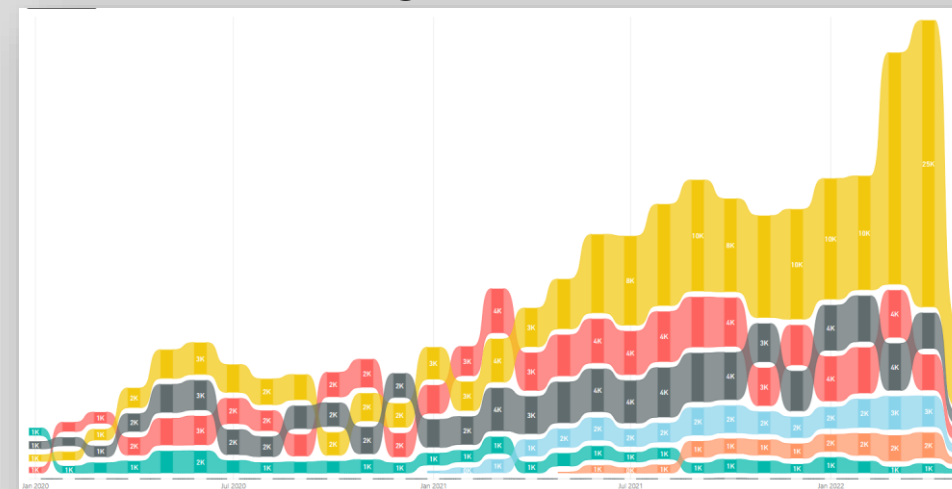
🔗 Preview: 4.0.0-preview.1 [2022-05-12]

Using @microsoft/teams-js version 2.0 (promise based)
Support for the m365DevPreview manifest
([Deprecation of scaffolding options for v4 · Discussion #304 · pnp/generator-teams \(github.com\)](#))
Allows you to build Tabs for Outlook and Office.com

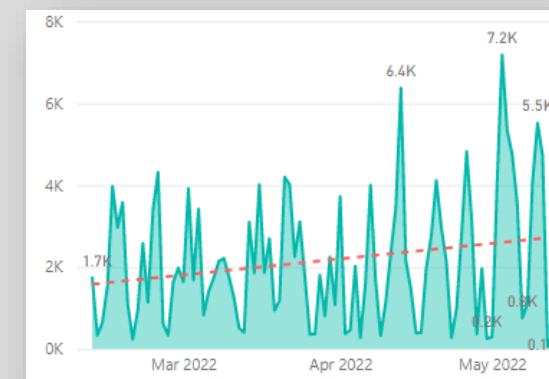
📅 Roadmap:

4.0.0 GA release for //Build

Package Downloads



Daily build events



yoteams-build-core

🚀 Latest release: 1.6.0 [2022-02-17]

PR #278, from Paul Schaefflein, with additional
gulp-inject options
Support for schema m365DevPreview and 1.12

🔗 Preview: 1.7.0-preview.2 [2022-05-12]

Support for the m365DevPreview manifest
Fixed telemetry bug

📅 Roadmap:
n/a

yoteams-deploy

🚀 Latest release: 1.1.0 [2021-11-18]

Telemetry for tasks

🔗 Preview: : 1.2.0-preview.2 [2022-05-12]

Dependency updates

📅 Roadmap:

n/a

Microsoft Graph Toolkit


Web Components powered by Microsoft Graph



Microsoft Graph Toolkit

 More information: aka.ms/mgt



What's new

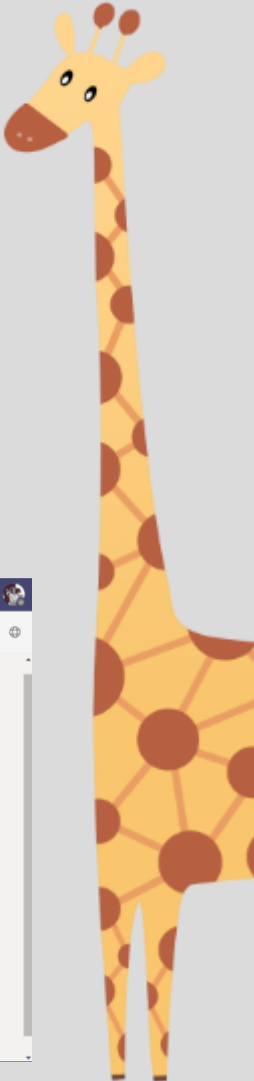
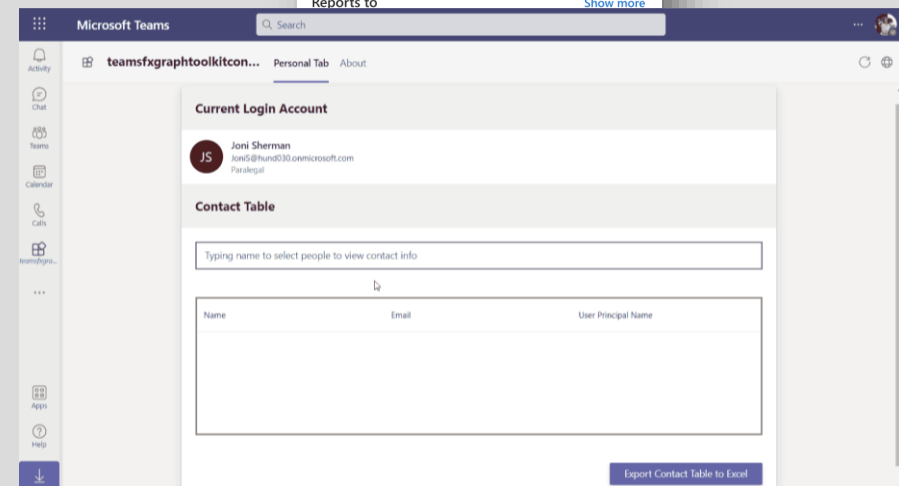
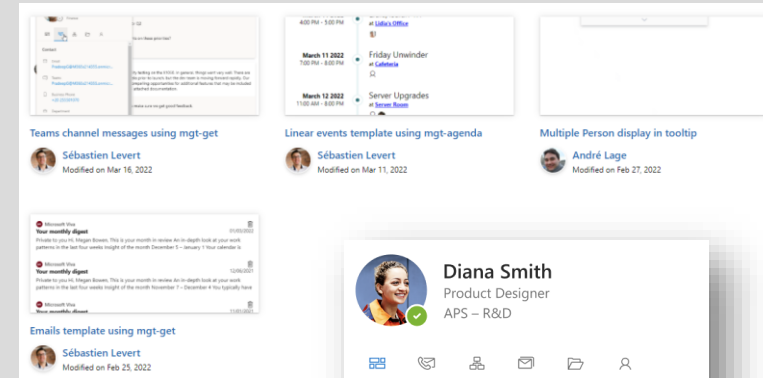
- The MGT samples repository is now LIVE! <https://aka.ms/mgt/samples>
- v2.4.0 was released! Update your packages! <https://aka.ms/mgt/v2.4.0>
 - Updates to our mgt-file, mgt-people-picker and mgt-person components and our mgt-teams-msal2-provider!
 - Thanks @NathZ1 and @PaulMcManus23 for your contributions 
- We have a preview release for our TeamsFxProvider!
 - `npm i @microsoft/mgt@next.teamsfx`
- Our playground is now a PWA! Have a look <https://aka.ms/mgt/dev>

What's next?

- Aligning all Toolkit components to Fluent UI Web Components
- Msal2 and Teams providers improvements!

We need your help

-  Help us fix bugs
-  Help us build/improve features
- help-wanted & good-first-issue -> <https://aka.ms/mgt/issues>



Microsoft Teams Samples

Now in Node/Typescript!

Try the sample:

<https://aka.ms/hr-talent-app-node>

Got a cool Teams app to share?

Please contribute – or make use of the samples yourself!

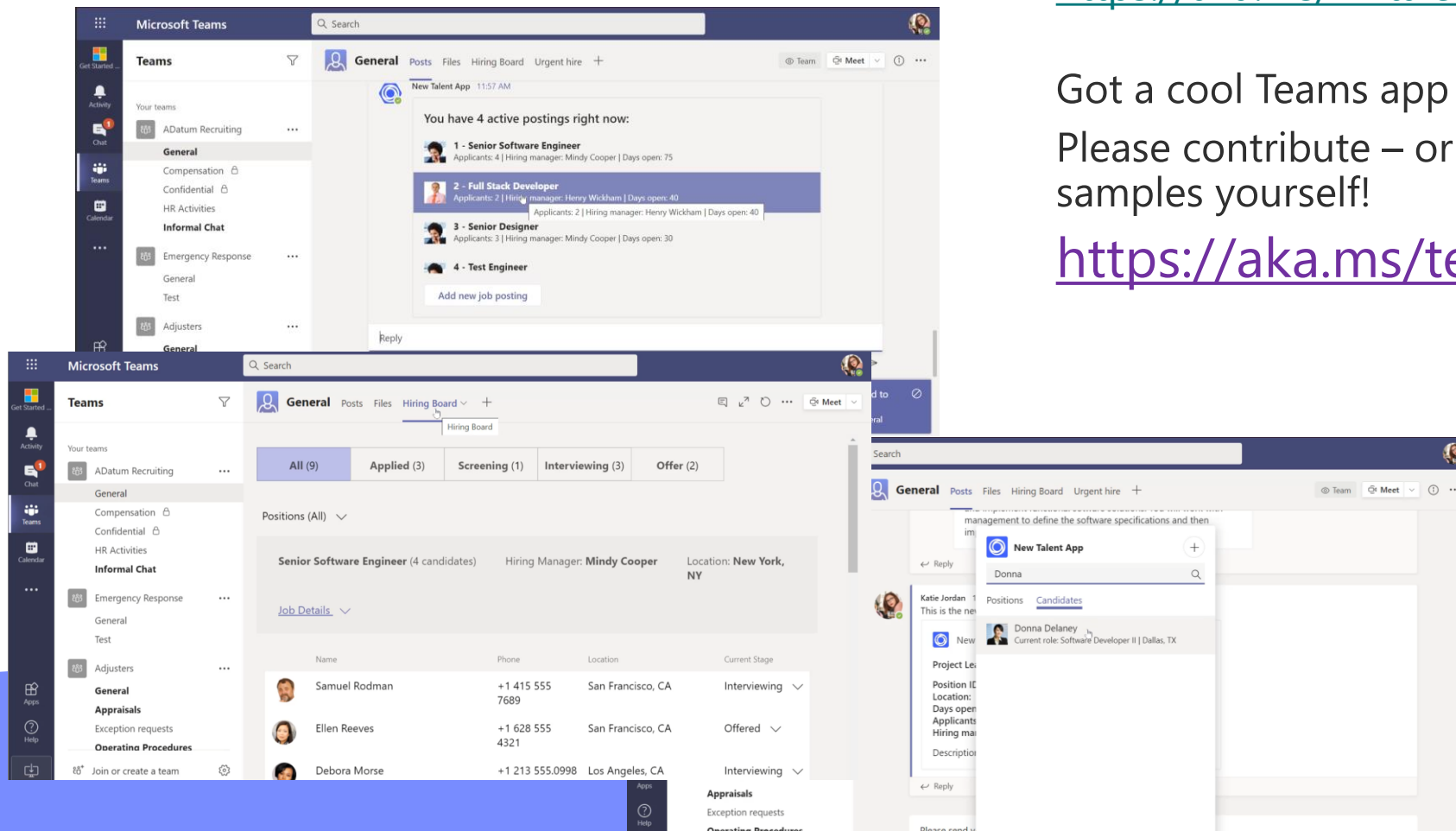
<https://aka.ms/teams-samples>



Scott Perham



Jack Lewis





- Power Apps templates
- Power Apps components
- Power Apps connectors
- Power Fx Custom Functions

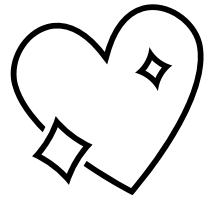
- **Power Automate flow templates**
- **PowerBI**
- **Power Virtual Agents**

Join the Power Platform Contributors Sharing is Caring Session – Tuesday May 31st

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'll give us the permission to share your picture in social media.



DEMO



- How to build a SSO bot using yo teams for Microsoft Teams – Stephan Bisser



- List Formatting Demo – Discussion Boards – André Lage



- List Formatting Magic – Chris Kent

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 M365 General Dev call: **May 26th at 07:00am PT**

Next Viva Connections & SharePoint Framework call: **May 19th at 07:00am PT**

See all other community calls from <https://aka.ms/m365/community>





Thank you