Microsoft

Your host in this call:
David Warner (Microsoft)

Microsoft 365 & Power Platform Development – Bi-weekly call

April 28th, 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!

- **Natalie Pienkowska & Roy Paar** - Updates on Independent Publisher Connectors & GitLab Connector Demo

- **André Lage** - List formatting magic - Discussion board formatting

- **Thomas Gölles** - TeamsFx .Net - Teams Explorer Sample

Opportunities to Participate in the community

Demo solution or technical pattern

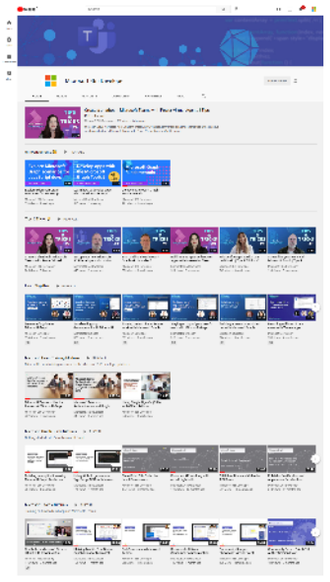
Contribute on GitHub

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.

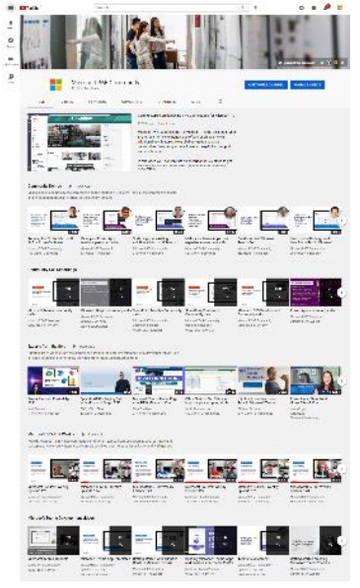
Request a demo spot on the call
https://aka.ms/m365pnp/request/demo

Microsoft 365 developer videos



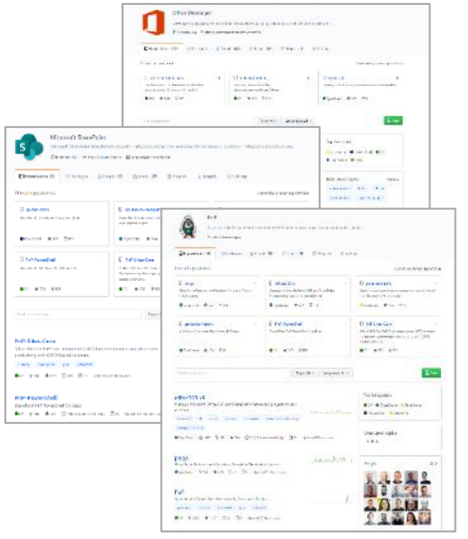
aka.ms/m365devyoutube

Microsoft 365 community videos



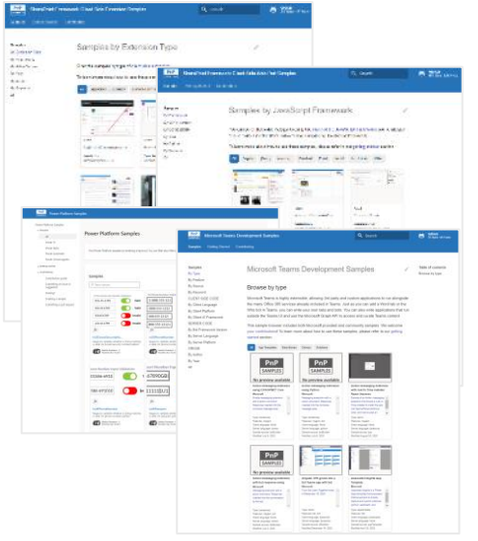
aka.ms/m365pnp/videos

Open-source



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

Sample galleries



aka.ms/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/m365pnp

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

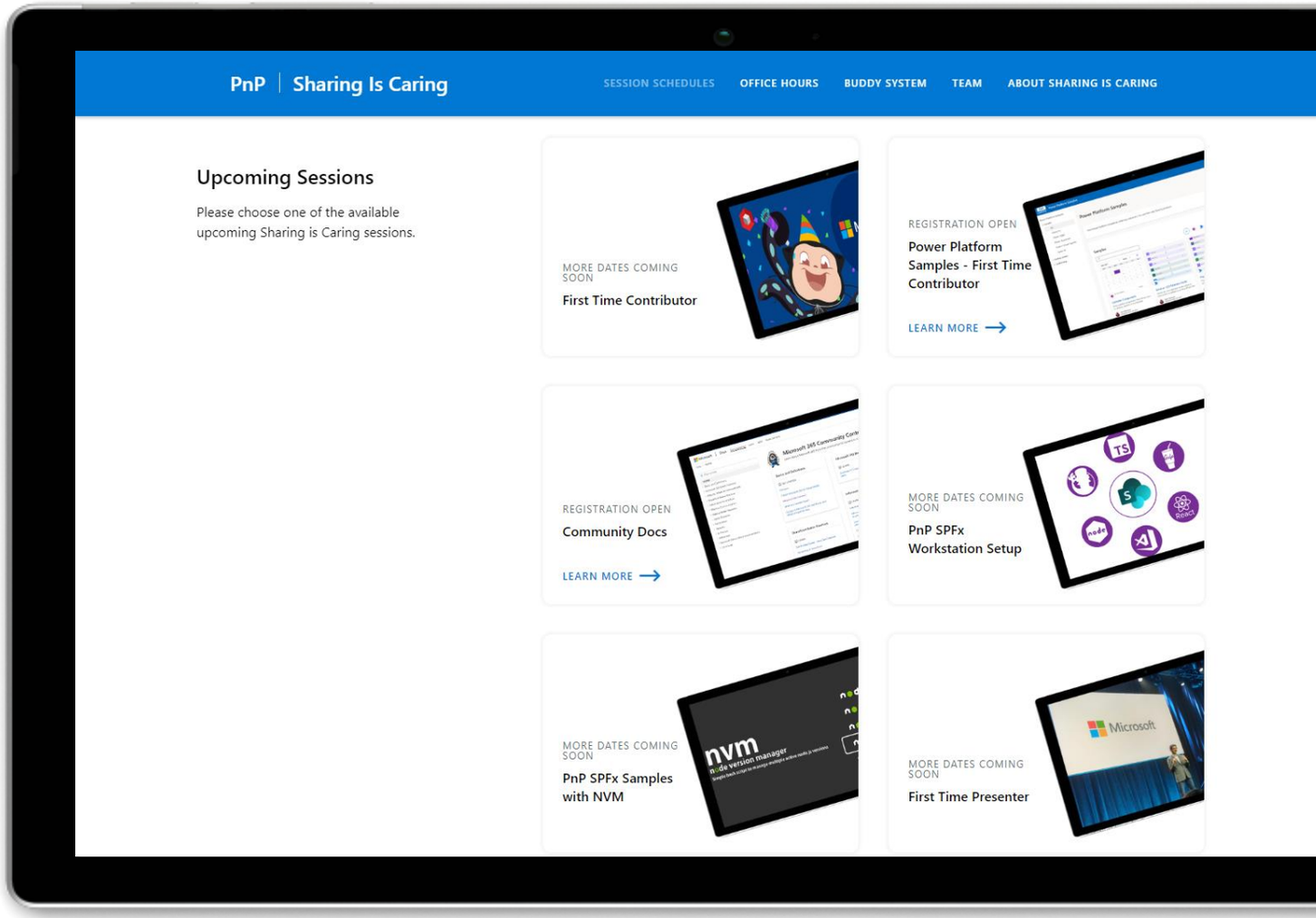
https://aka.ms/m365/calls

GUIDANCE

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

Upcoming Sessions:

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



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

SCRIPT SAMPLES

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

Site now has 149 scenarios and **212 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

New Scenarios

Get Hub Sites Details and Export it to CSV (**Chandani Prajapati**)

Export OneDrive Admins (**Matt Maher**)

Updates or scenarios implemented with alterative tools

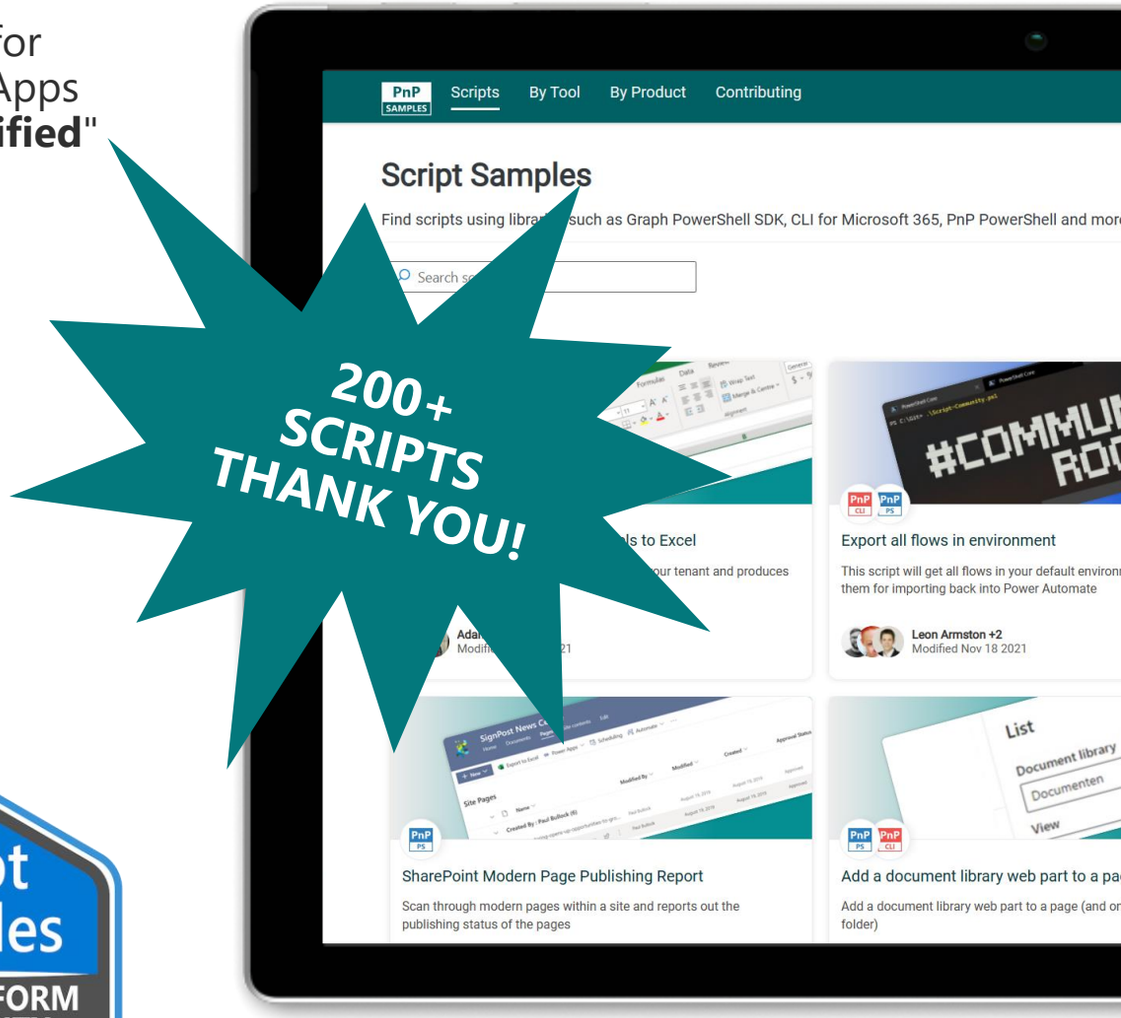
Get Hub Sites Details and Export it to CSV – Two additional tool updates (**Jasey Waegebaert & Chandani Prajapati**)

List Guests within Teams in a tenant (**Jasey Waegebaert**)

Export a csv report on all Whiteboards (**Nanddeep Nachan**)

Thank you for your samples and contributions! 👏

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



Script Samples
M365 PLATFORM COMMUNITY
★
2022

aka.ms/script-samples

Microsoft

COMMUNITY

PnP Recognition Program

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

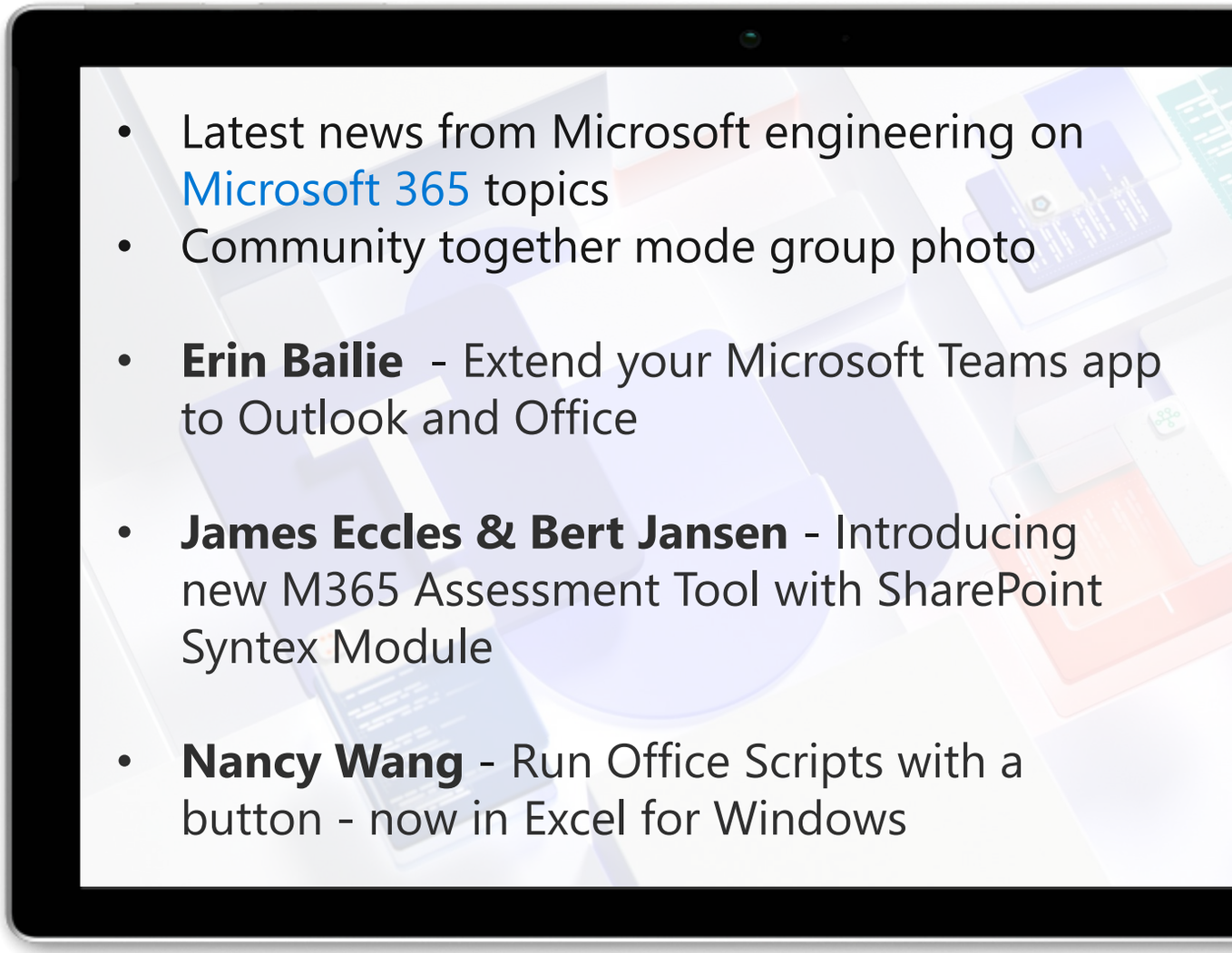
https://aka.ms/m365pnp-recognition

AGENDA

Microsoft 365 platform
call 3rd 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



Microsoft

PnP .NET libraries

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

UPDATE

Microsoft 365 Assessment tool 1.0.0 release

aka.ms/microsoft365assessment

- Supporting adoption and deprecation scenarios
- Will replace the Modernization Scanner overtime
- Initial module: SharePoint Syntex Assessment

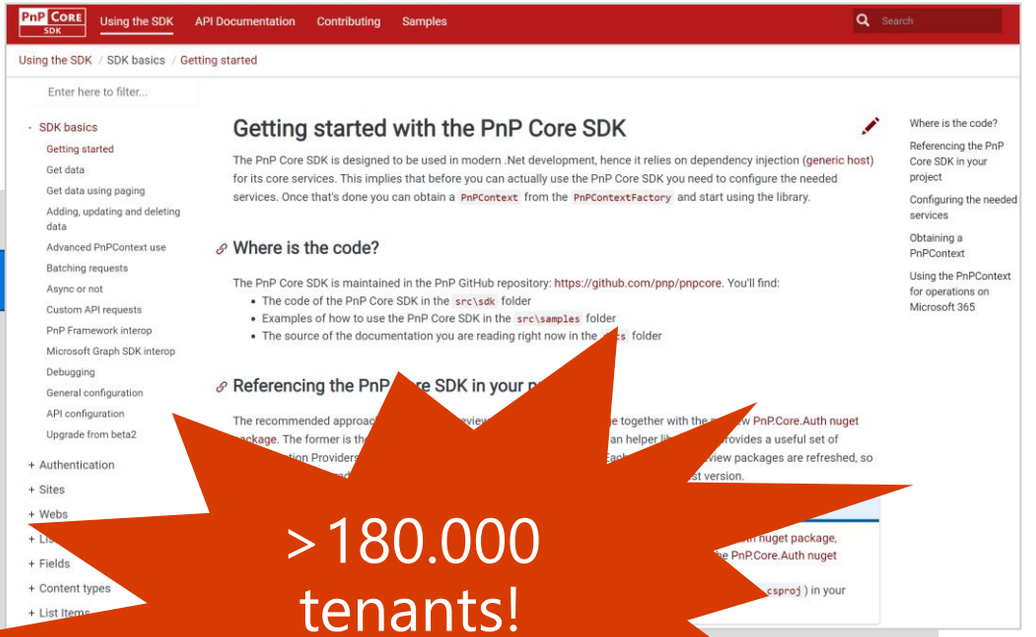
Microsoft

PnP .NET libraries

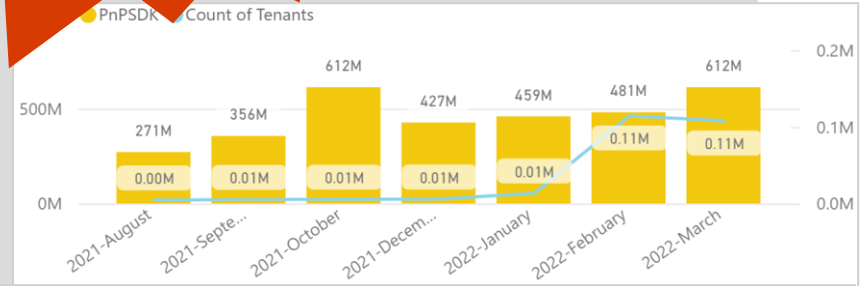
	PnP Framework	PnP Core SDK

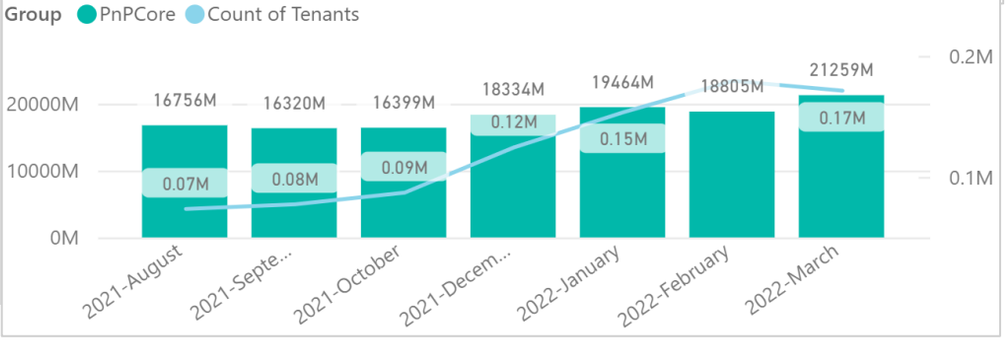
Working on it	▪ 489,000 downloads!
	▪ **Version 1.9.0 released!**
	▪ Prepping 1.10.0:
	  ▪ Merge pending PRs
	  ▪ General fixes and improvements: 👍 Koen Zomers, Sergei Sergeev
		▪ 669,000 downloads!
		▪ **Version 1.6.0 released!**
		▪ Prepping for 1.7.0:
		  ▪ Navigation support, Team tab channel creation improvements, file & listitem copy/move functionality using CopyJobs API and Teams Chat support : Mathijs Verbeeck 👍 🦾 🚀
		  ▪ Fixes and improvements: cleaning up bug list and discussions… 👍 Dennis van Niel, Sergei Sergeev, Koen Zomers and Bert Jansen

Roadmap	https://github.com/pnp/pnpcore/blob/dev/src/sdk/CHANGELOG.md	
	nuget.org/profiles/pnp	nuget.org/profiles/pnp
	aka.ms/pnp/framework	aka.ms/pnp/coresdk



>180.000 tenants!





PnP PowerShell

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

PnP PowerShell

Cross Platform PnP PowerShell

Working on it

V1.10.0 released!

- **Many updates and fixes!**
- **1.6 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

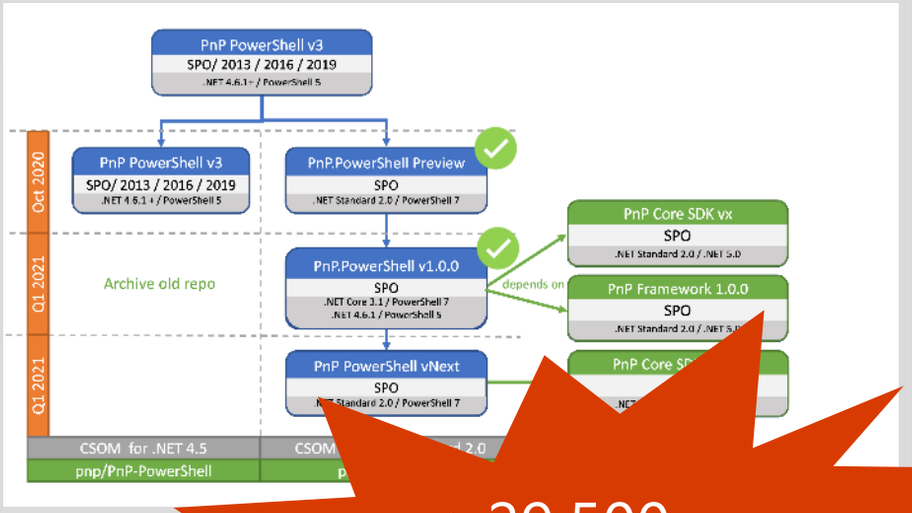
- PnP PS runs in **PS 5**, **PS 7**, **Azure CloudShell**, **Azure Functions, Azure Runbooks & Raspberry Pi**

- **Bug Fixes**
  - More Autocomplete additions to the cmdlets
  - Added **Add-PnPTeamsChannelUser** for adding owners/members to a private channel in a team
  - Added **ResourceBehaviorOptions** to New-PnPMicrosoft365Group cmdlet
  - New blogpost covering the **1.10 release** : https://pnp.github.io/blog/pnp-powershell/pnp-powershell-v1-10/

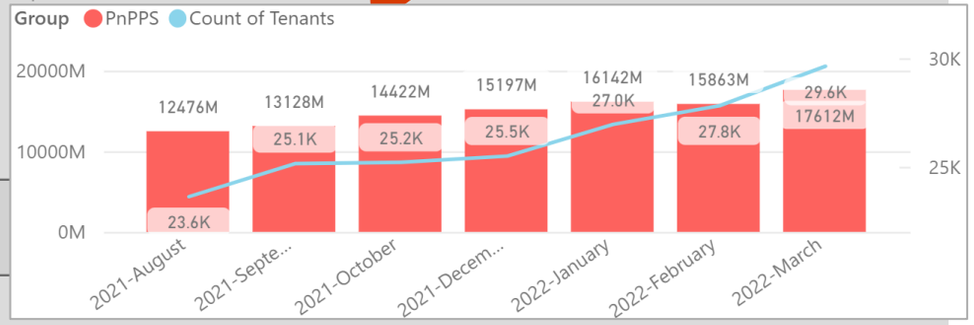
https://github.com/pnp/powershell/blob/dev/CHANGELOG.md

github.com/pnp/powershell

www.powershellgallery.com
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: n/a []

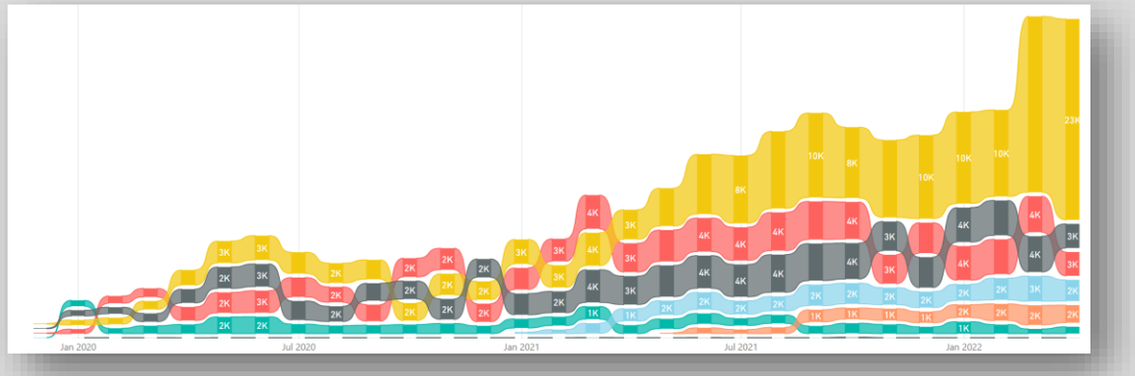
Documentation updates

Next: 4.0.0-next(.2) [2011-12-17]

Using @microsoft/teams-js version 2.0 (promise based)
Support for the m365DevPreview manifest
Allows you to build Tabs for Outlook and Office.com

Roadmap:

Azure AD App creation via M365 CLI
Meeting extensions
HTTPS support for local server (thanks @paolopia) – PR created
Deprecate some scaffolding options –potential targets: calling bots, localization, viva connections tab (Deprecation of scaffolding options for v4 · Discussion #304 · pnp/generator-teams (github.com))
Documentation and integration of how to use MGT components, in collaboration with Seb L. (#279)



yoteams-build-core

Latest release: 1.6.0 [2022-02-17]

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

Preview: n/a

Next: 1.6.0-next.1 [2021-12-17]

Support for the m365DevPreview manifest

Roadmap:

yoteams-deploy

Latest release: 1.1.0 [2021-11-18]

Telemetry for tasks

Preview: n/a

Roadmap:

Automatic updates of bot endpoints and Tab App ID URI for ngrok/Codespaces integrations

4.0.0 planned for mid-May

Preview in the next few weeks to include

- New @microsoft/teams-js SDK v 2.0
- Deprecation of a few unused features

Microsoft Graph Toolkit

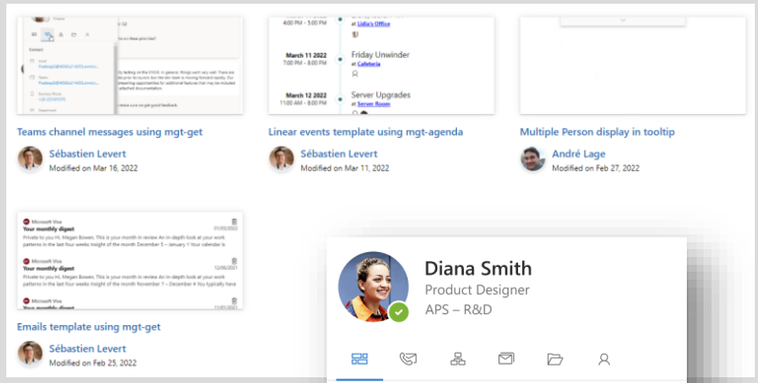
Web Components powered by Microsoft Graph

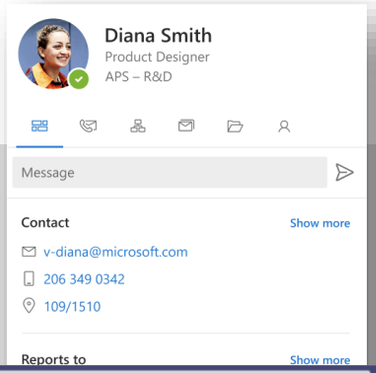
Microsoft Graph Toolkit

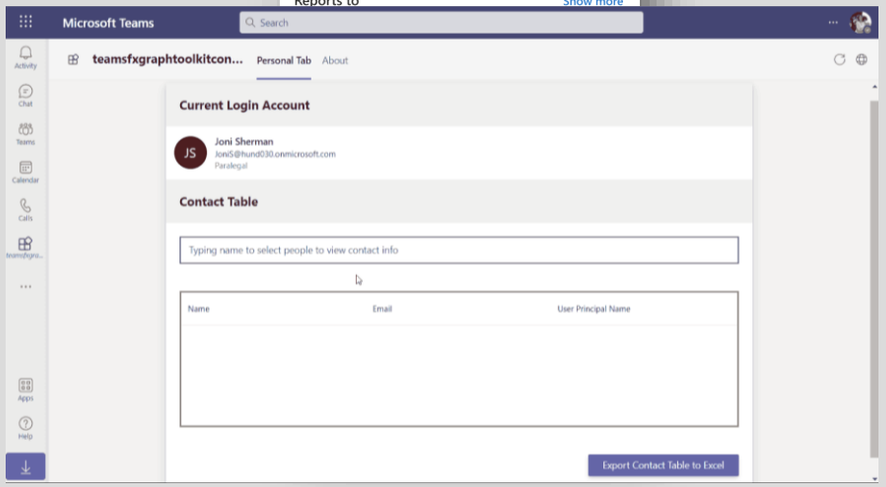
More information: aka.ms/mgt

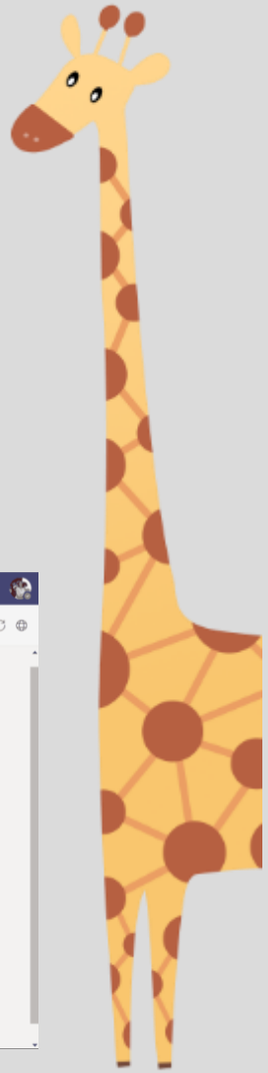
What's new

- 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

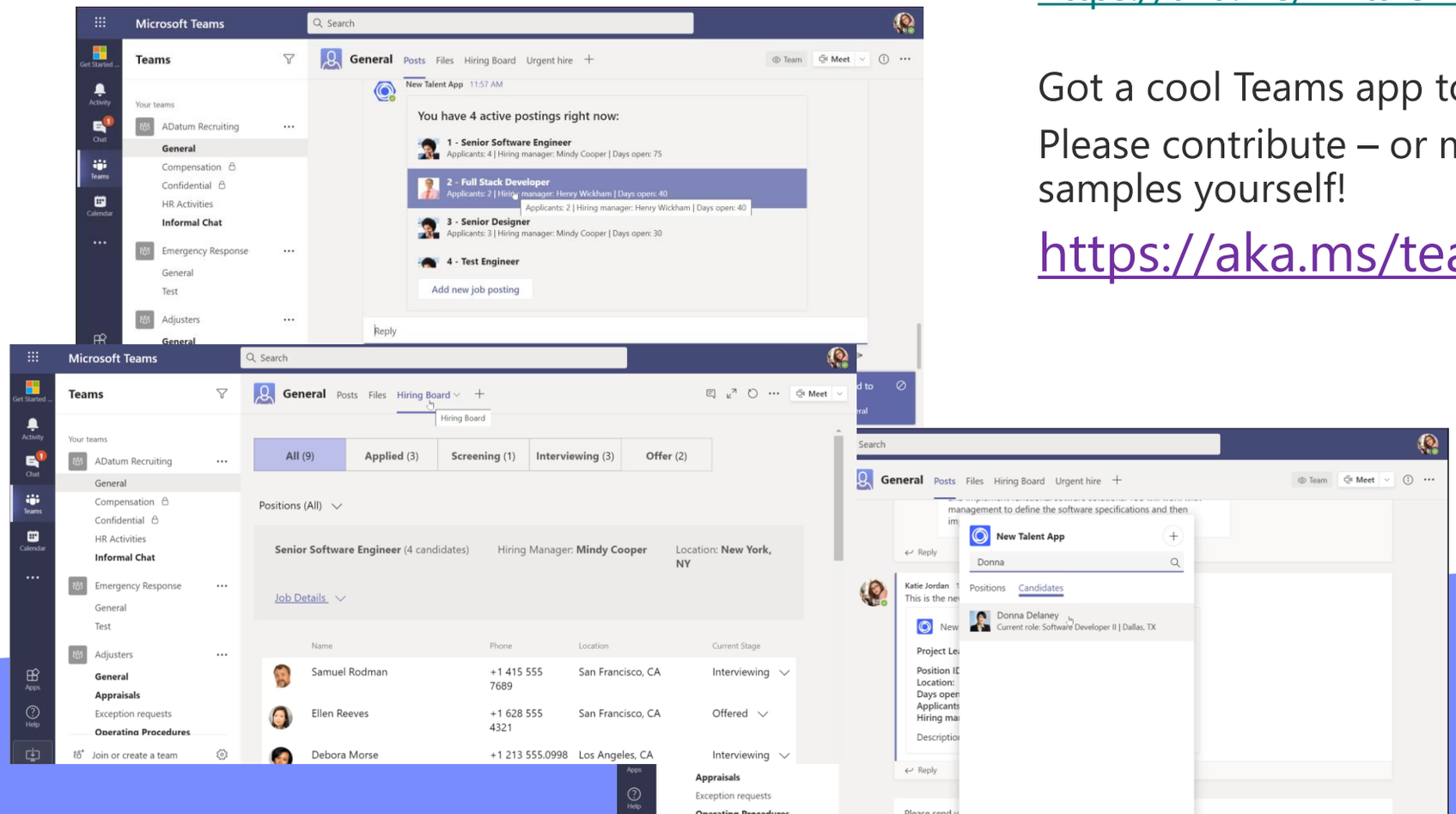
Microsoft Teams Samples

Now in Node/Typescript!

HR Talent App sample and tutorial

Scott Perham

Jack Lewis



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!

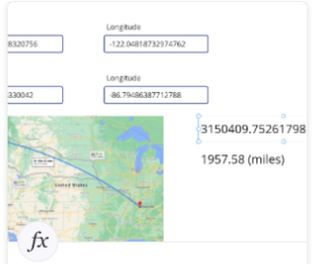
https://aka.ms/teams-samples

Power Platform Samples

aka.ms/powerplatform-samples

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

- Power Automate flow templates
- PowerBI
- Power Virtual Agents



TwoPoints

Calculate distance in unit of meter and compass heading.

Hiroaki Nagao
Modified Mar 06 2021

AddTopValue

Adds a value to a list of values ready to use in a drop down box. Returns a single column, named Result, table.

Laura GB
Modified Mar 05 2021

IsTime

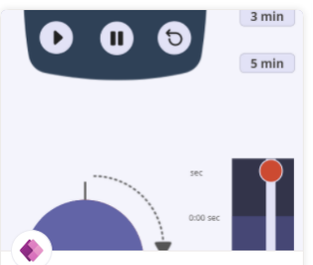
Regex to validate time format [hh:mm:ss]/[hr:min:sec]/[mm:ss]/[m:s]/[ss]/[s]

Geetha Sivasaiam +1
Modified Feb 28 2021

Custom Font Samples

177 custom font samples for Power Apps

Matthew Devaney
Modified May 12 2021



timer

Example of how to use the timer function as a stopwatch

Michael Roth
Modified May 03 2021

Expandable Navigation

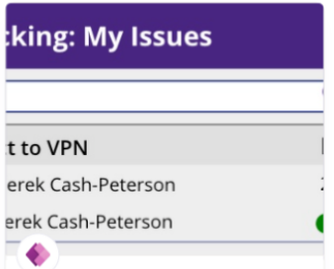
This Canvas Application is an example for a expandable navigation using Fluent UI icons.

Luise Freese
Modified Apr 25 2021

Tag Box

Contains a textbox that adds items into a dynamic list.

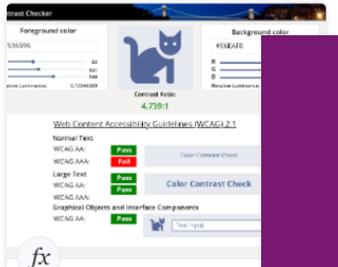
Carmen Ysewijn
Modified Apr 23 2021



Status Indicator

Shows how to add a status indicator in a display form.

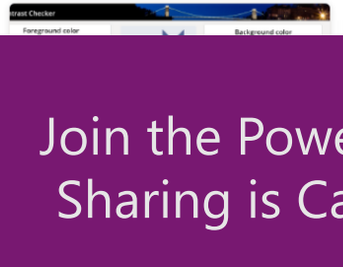
Derek Cash-Peterson
Modified Feb 23 2021



chkContrast

Calculates the contrast between two colors

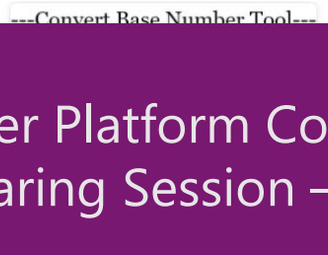
P3N
Modified May 07 2021



getLuminance

Calculates the relative luminance of linearized RGB colors

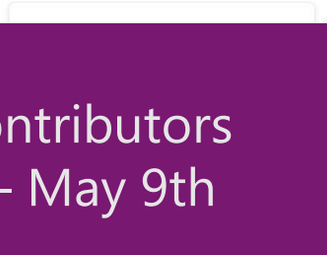
P3N
Modified May 07 2021



HexToDecimal

This function is used to convert hex to decimal.

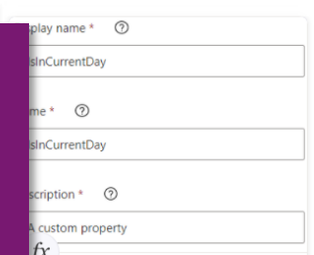
Korune
Modified Mar 13 2021



ConvertUnit

Perform unit conversion for length.

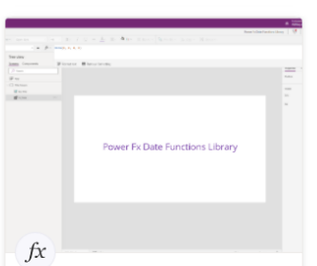
Hiroaki Nagao
Modified Mar 06 2021



IsInCurrentDay

Checks if a date occurs within the current day

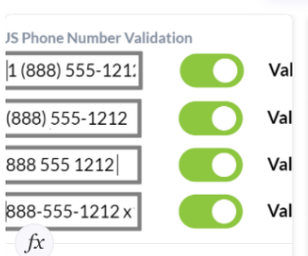
Matthew Devaney
Modified Feb 07 2021



IsLeapYear

Checks if a date belongs to a leap year

Matthew Devaney
Modified Feb 07 2021



IsUSPhoneNumber

Regex to validate whether a string matches a valid US phone number pattern

Geetha Sivasaiam +1
Modified Apr 17 2021

IsURL

Regex to validate whether a string matches a valid URL pattern

Geetha Sivasaiam +1
Modified Apr 17 2021

Join the Power Platform Contributors Sharing is Caring Session – May 9th

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

- Updates on Independent Publisher Connectors & GitLab Connector Demo
  - Natalie Pienkowska
  - Roy Paar

- List formatting magic - Discussion board formatting
  - André Lage

- TeamsFx .Net - Teams Explorer Samples
  - Thomas Gölles

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 | @M365PnP

Next M365 General Dev call: **May 12th at 07:00am PT**
Next Viva Connections & SharePoint Framework call: **May 5th at 07:00am PT**
See all other community calls from https://aka.ms/m365pnp

Microsoft

Microsoft

Thank you