

Microsoft 365 platform community call

November 15, 2022

Your host in this call:
Vesa Juvonen

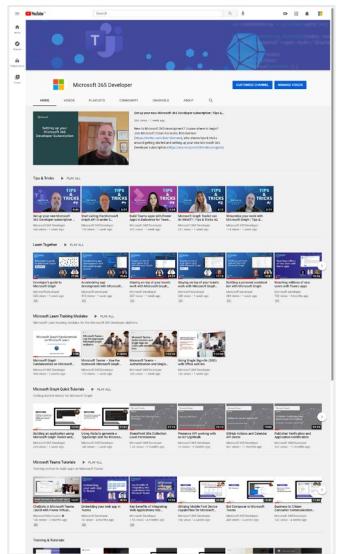


Agenda

- Latest updates and news on the Microsoft 365 platform
- Latest news across the Microsoft blogs
- Group picture time with Together Mode!
- Demos
 - Brian Jackett & Jason Johnston – Calling Microsoft Graph from Polyglot Notebooks (.Net Interactive)
 - Garry Trinder – Add single sign-on to your Microsoft Teams bots using Teams Toolkit for Visual Studio Code

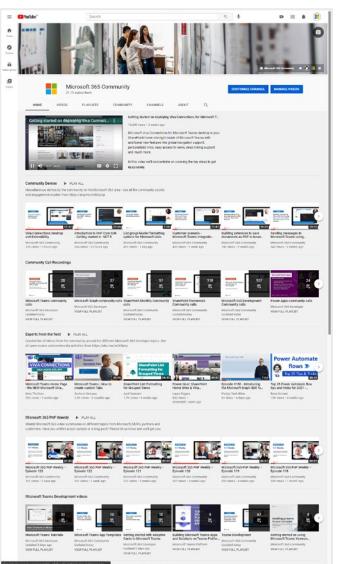


Microsoft 365 developer videos



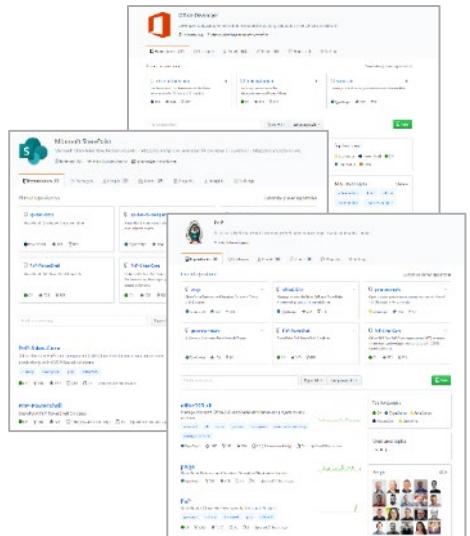
aka.ms/m365devyoutube

Microsoft 365 community videos



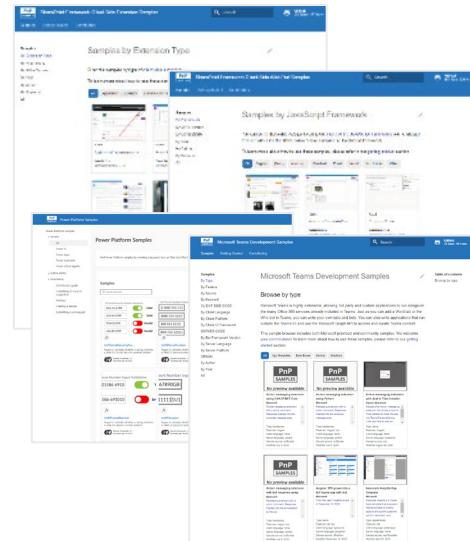
aka.ms/m365/videos

Open-source



github.com/pnp
github.com/OfficeDev
github.com/sharepoint
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>

Microsoft identity platform

Office Add-ins

Power Platform

Microsoft 365 and Power Platform community (bi-weekly)

Viva Connections & SharePoint Framework (bi-weekly)

<https://aka.ms/IDDevCommunityCalendar>

<https://aka.ms/officeaddinscommunitycall>

<https://aka.ms/PowerAppsMonthlyCall>

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

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

Download recurrent invites from

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

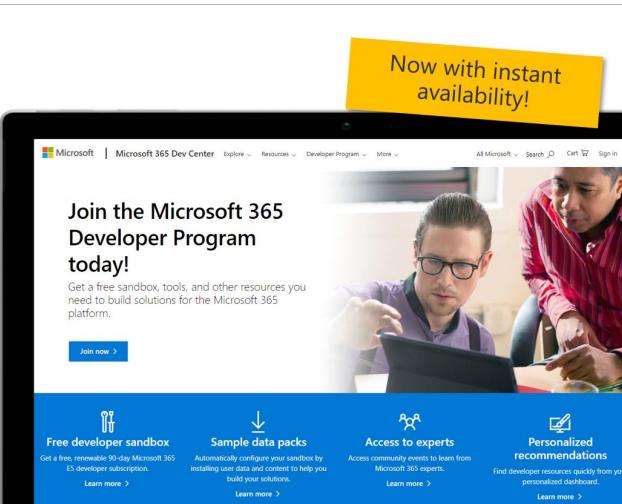


Getting started assets for Microsoft 365 dev

GUIDANCE

Register to Microsoft 365 Developer Program for **free** E5 developer tenant and other assets

aka.ms/m365/devprogram



Now with instant availability!

Join the Microsoft 365 Developer Program today!

Get a free sandbox, tools, and other resources you need to build solutions for the Microsoft 365 platform.

Join now >

Free developer sandbox

Sample data packs

Access to experts

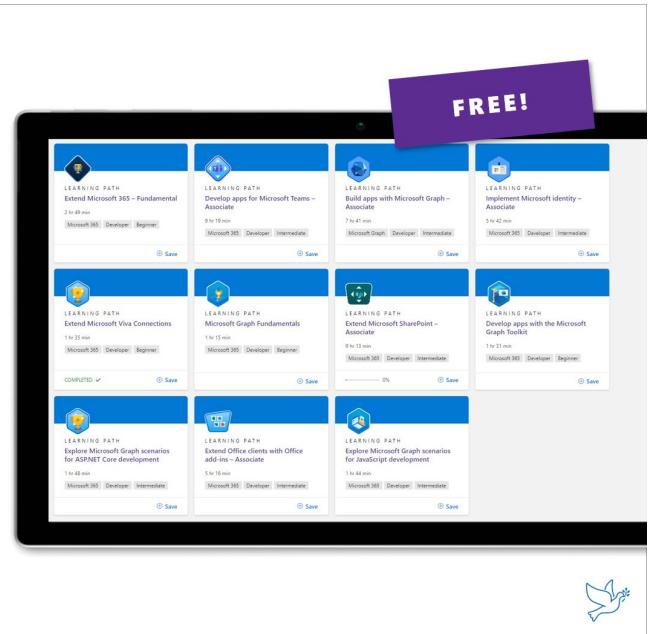
Personalized recommendations

aka.ms/m365/devprogram

LEARN

Get started on learning Microsoft 365 platform capabilities with these free training modules!

<http://aka.ms/m365/dev/learn>



FREE!

LEARNING PATH Extend Microsoft 365 – Fundamental

Extend Microsoft 365 – Associate

LEARNING PATH Develop apps for Microsoft Teams – Associate

LEARNING PATH Build apps with Microsoft Graph – Associate

LEARNING PATH Implement Microsoft identity – Associate

LEARNING PATH Extend Microsoft Viva Connections

LEARNING PATH Microsoft Graph Fundamentals

LEARNING PATH Extend Microsoft SharePoint – Associate

LEARNING PATH Develop apps with the Microsoft Graph Toolkit

LEARNING PATH Explore Microsoft Graph scenarios for ASP.NET Core development

LEARNING PATH Extend Office clients with Office add-ins – Associate

LEARNING PATH Explore Microsoft Graph scenarios for JavaScript development

aka.ms/m365/dev/learn

Microsoft 365 Developer podcasts



The screenshot shows the Microsoft 365 Developer Podcast website. It features a red header with the text "Microsoft 365 Developer Podcast" and a photo of two hosts. Below the header, there's a summary of the podcast, its hosts (Jeremy Thake and Paul Schaelein), and its official account on Twitter (@m365devpodcast). A "Following" button is visible. At the bottom, there's a Microsoft logo and a small blue bird icon.

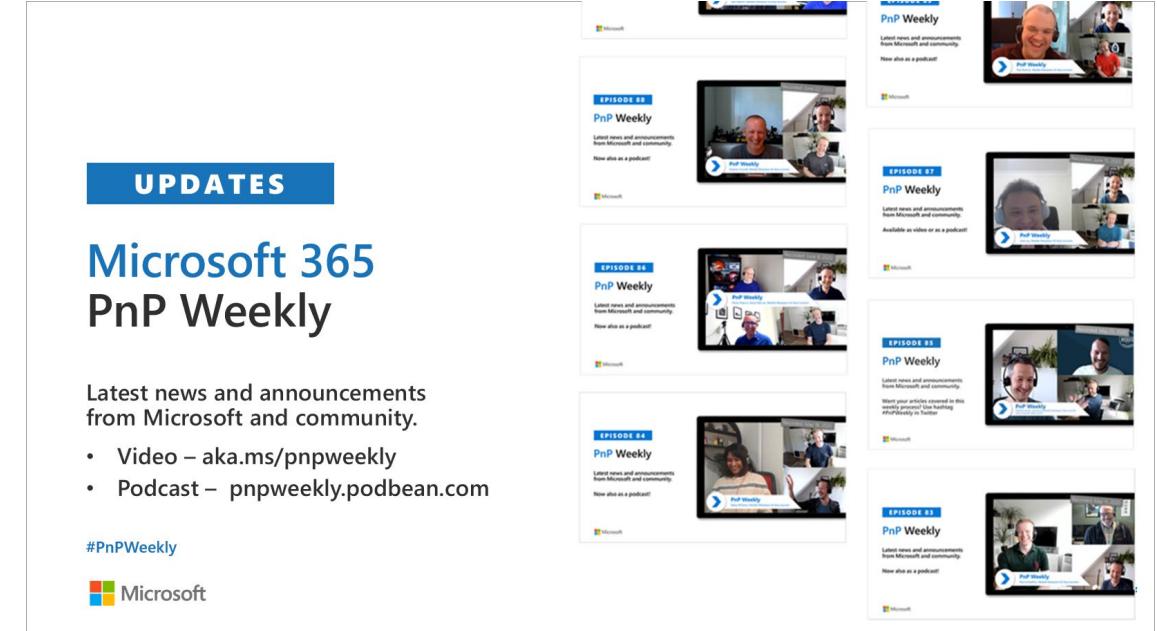
Microsoft 365 Developer Podcast

Weekly podcast concentrating fully to Microsoft 365 dev topics – hosted by Jeremy Thake (Microsoft) and Paul Schaelein (Addin365)

m365devpodcast.com

Microsoft

m365devpodcast.com



The screenshot shows the Microsoft PnP Weekly website. It has a "UPDATES" section with the title "Microsoft 365 PnP Weekly". Below the title, it says "Latest news and announcements from Microsoft and community." There are two bullet points: "Video – aka.ms/pnpweekly" and "Podcast – pnpweekly.podbean.com". At the bottom, there's a Microsoft logo.

UPDATES

Microsoft 365 PnP Weekly

Latest news and announcements from Microsoft and community.

- Video – aka.ms/pnpweekly
- Podcast – pnpweekly.podbean.com

#PnPWeekly

Microsoft

Video – aka.ms/pnpweekly
Podcast – pnpweekly.podbean.com

SAMPLES

New Microsoft 365 sample gallery with more than **1430** samples from Microsoft and community

aka.ms/m365/samples

The Microsoft 365 Sample Solution Gallery is a collection of over 1430 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 samples by product category.

- Adaptive Card Extentions Design Template Gallery and Personal App
- Wellbeing days requests and reminder - Adaptive Cards Extensions and Teams personal app
- Timeline in Board View
- Board tag format
- Let's go places
- Adaptive Card Extentions Design Template Gallery and Personal App

All Products

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

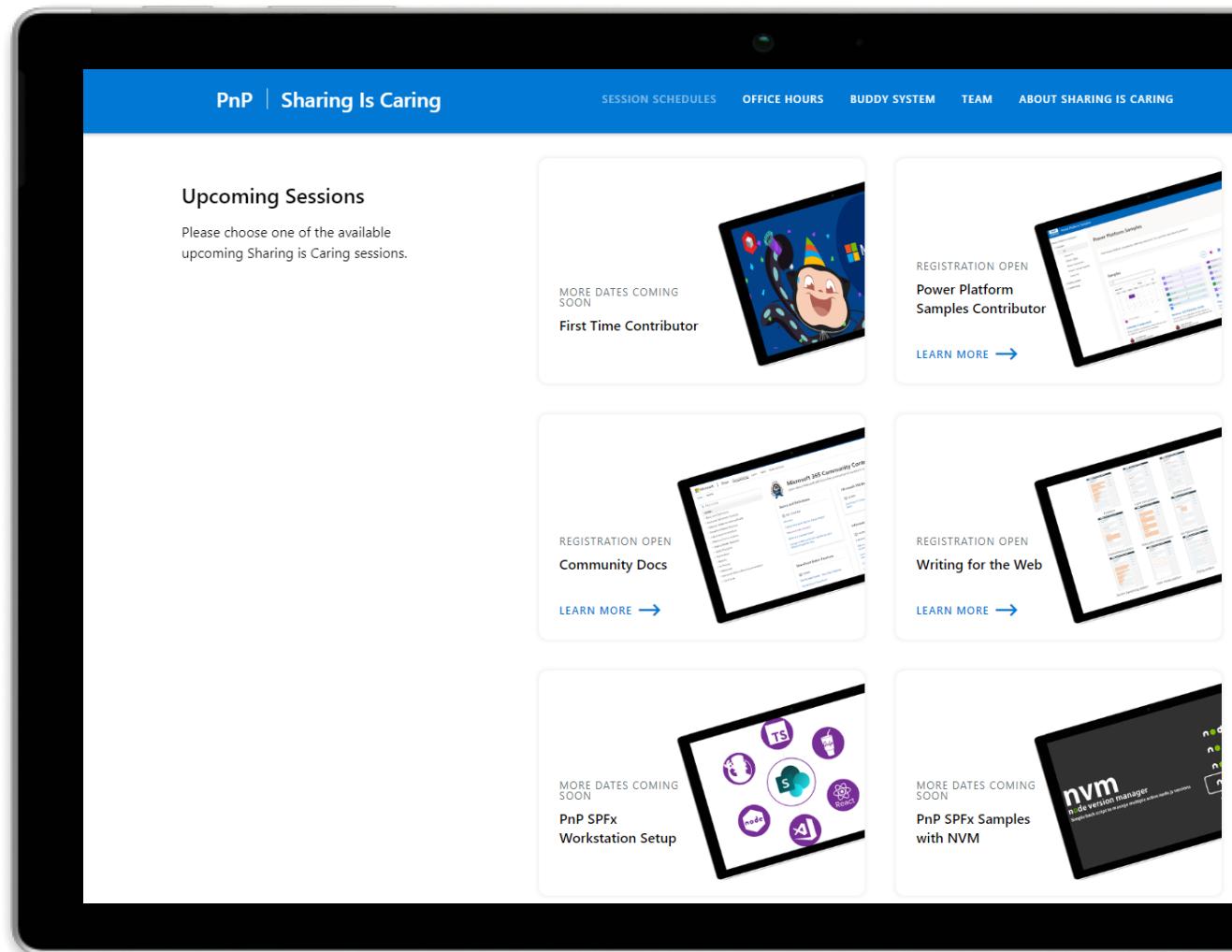
GUIDANCE

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

Upcoming Sessions:

- General First Time Contributor
- Power Platform Samples Contributor
- Writing for the Web
- SPFx Developer Workstation Setup
- Using PnP SPFx samples w/ NVM
- More than code with VS Code
- First-time presenter
- M365 Maturity Model Practitioners

**Power Platform
Samples Contributor
Nov 28th**



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



App Camp Workshop

November 29

4:00 PM - 5:00 PM PT



Agenda

- Introduction to Teams apps
- How to extend an existing app to Teams as a personal tab with Azure Active Directory Single Sign-On
- Q&A

Register – <https://aka.ms/TeamsAppCamp/Workshops>

Materials - <https://aka.ms/app-camp>



Microsoft 365 Developer Blog

A developer platform for building collaborative apps for hybrid work

<https://aka.ms/m365dev/blog>

<https://aka.ms/teams/blog>

<https://aka.ms/microsoftviva/blog>

<https://aka.ms/sp-blog>



No new blog posts
from Microsoft – more
announcements and
new cool stuff this week

1

Enable bots to receive all channel or chat messages



The ability for bots to receive all messages in chats using `ChatMessage.Read.Chat` is available only in public developer preview for Teams.

The `ChannelMessage.Read.Group` and `ChatMessage.Read.Chat` RSC permissions are being extended to bots. With user consent and app installation, these permissions:

- Allow a specified graph application to get all messages in channels and chats, respectively.
- Enable a bot defined in the app manifest to receive all conversations messages without being @mentioned in relevant contexts where the permissions apply.



- Services that need access to all Teams message data must use the Graph APIs that provide access to archived data in channels and chats.
- Bots must use the `ChannelMessage.Read.Group` and `ChatMessage.Read.Chat` RSC permission appropriately to build and enhance engaging experience for users to pass the store approval. The app description must include how the bot uses the data it reads.
- The `ChannelMessage.Read.Group` and `ChatMessage.Read.Chat` RSC permission may not be used by bots to extract large amounts of customer data.

Docs: aka.ms/TeamsDevDocs > Build bots > Bot conversations > Messages in bot conversations > [Receive all conversation messages with RSC](#)

2

Single sign-on (SSO) is available for Visual Studio

Before you begin, select anyone of the following application based on the environment in which you want to build an app

[Visual Studio Code](#) [Visual Studio](#)

Microsoft Teams provides single sign-on (SSO) function for application to obtain signed-in Teams user token to access Microsoft Graph and other APIs. Teams Toolkit facilitates the interaction by abstracting some of the Microsoft Azure Active Directory (Azure AD) flows and integrations behind some simple APIs. This enables you to add SSO features easily to your Teams application.

Add SSO to Teams app for Visual Studio

For applications that interact with the user in a chat, Team, or channel, SSO manifests as an Adaptive Card, which the user can interact with to invoke the Azure AD consent flow.

Advantages

The following are the advantages of SSO in Teams:

- SSO with Azure AD refreshes the authentication token in the background, which minimizes the number of times users need to enter their sign-in credentials.
- SSO signs-in the user in different devices automatically, while using the app.

Teams tabs and bots have similar flow for SSO support, for more information, see:

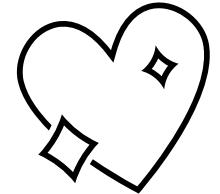
- SSO authentication in Tabs
- SSO authentication in Bots

Docs: aka.ms/TeamsDevDocs > Tools and SDKs > Teams Toolkit > Use Teams Toolkit to create your app > Develop your Teams app > [Add single sign-on to your Teams apps](#)

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.

A photograph showing three people in an office setting. A woman in a grey sweatshirt and light-colored pants is pointing towards a whiteboard with her right hand. Two other individuals, a man in a black t-shirt and a woman in a striped blouse, are looking at the whiteboard. The background shows office furniture and a window.

DEMO

- Calling Microsoft Graph from Polyglot Notebooks (.Net Interactive)
 - Brian Jackett
 - Jason Johnston
- Add single sign-on to your Microsoft Teams bots using Teams Toolkit for Visual Studio Code
 - Garry Trinder

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 Microsoft 365 Platform call: **November 22nd at 08:00 am PT**
All available community calls from <https://aka.ms/m365/calls>

