



Microsoft 365
COMMUNITY CONFERENCE



The Future of SharePoint Extensibility: What's New, What's next?

Alex Terentiev (Microsoft)
Vesa Juvonen (Microsoft)

21st of April 2026

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Uhova

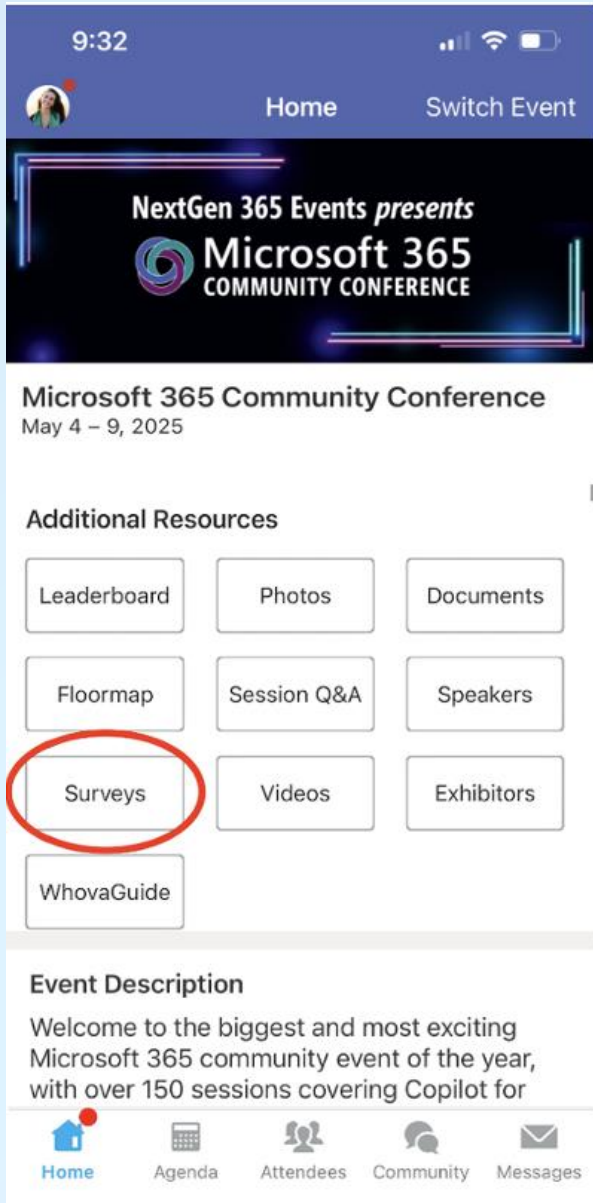
The official event app for the
Microsoft 365 Community Conference

Event invitation code: Orlando2026



Join the event app to access:

- ➔ Event announcements
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- ➔ Networking, meet-ups, messages
- ➔ Event documents



Session feedback surveys

We want to hear from YOU!

Share your feedback to make next years conference even better!

Here's how –

- Simply go to the Whova App on your smartphone.
- Scroll down on the M365 Community Conference Homepage to 'Additional Resources' to click "Surveys".
- Click Session Feedback.
- Scroll down to find this session title.
- Complete the session feedback survey.
- Finally, click 'Submit'.

It's just that easy!



Alex Terentiev

Principal Software Engineer
Microsoft



Vesa Juvonen

Principal Product Manager
Microsoft

Building SPFx experiences in Microsoft 365

Modern, scalable, enterprise-ready - SPFx powers experiences already used by tens of millions of Microsoft 365 users each day 🚀

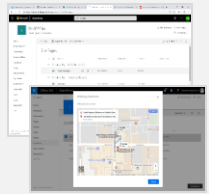


SharePoint

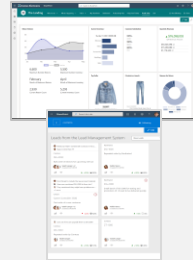
Web Parts



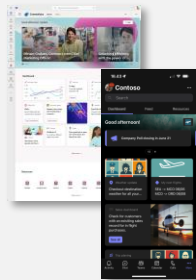
Extensions



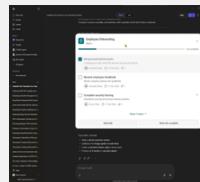
App pages



Cards

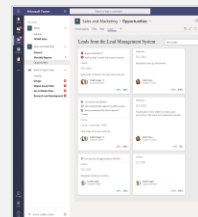


Copilot

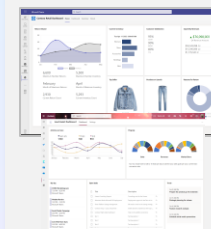


Microsoft Teams

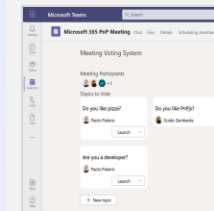
Channel tabs



Personal Apps



Meeting extensions



Message extensions



Copilot





Outlook

WorkIQ | Microsoft Graph


Content driven apps | SSO | Automatic hosting | Modern web tooling | Governance

SharePoint Framework (SPFx) Roadmap

● v1.22 – December 2025

- 1.22 released on 10th of December 
- Addressing all **npm audit issues** 

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- New **debugging toolbar** improving the in-page development experience + FPS survey | **Roll out: 100%** 

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- **New open-sourced SPFx CLI (preview) for replacing existing Yeoman generator**
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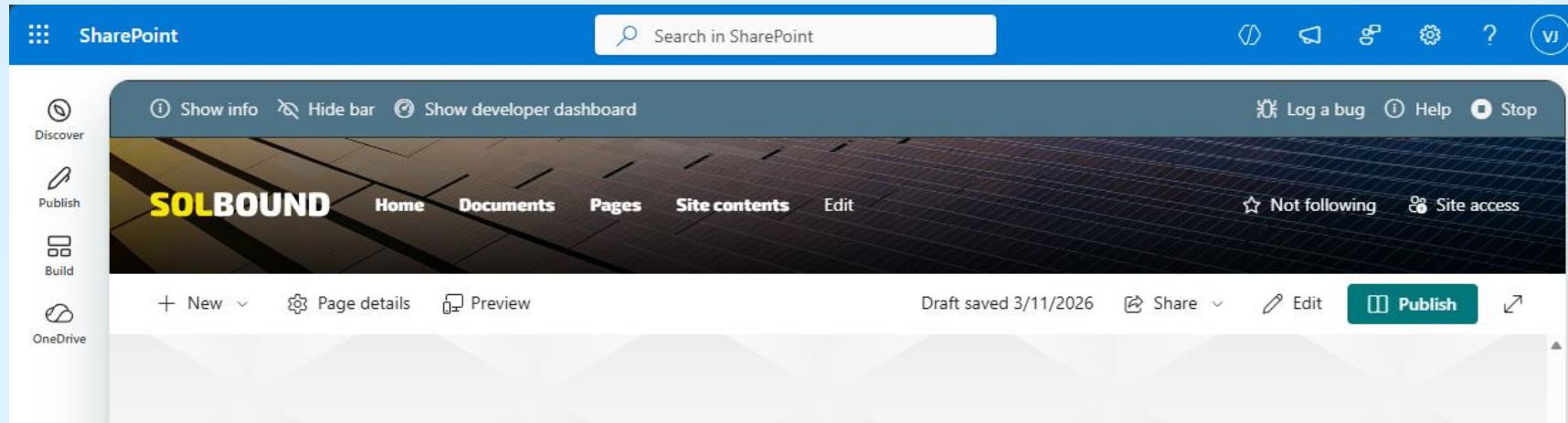
Top of mind

- **React 18 update**

SPFx is the most widely used 3P extensibility platform in Microsoft 365 with continuous growth on usage 



Developer toolbar



- New **developer toolbar** started rolling to production in February 2026 (server-side update)
- Automatically visible when you are doing live debugging from localhost
- Enables easier debugging and also exposes options to log a bug, get help
- Will trigger randomized SPFx feedback surveys – please provide feedback when you're asked 🙏
- Is planned to eventually replace online workbench with easier debugging options in live pages

demo



Developer Toolbar



SPFx CLI – replacing gradually Yeoman generator

- New **Command Line Interface (CLI)** to create and manage **SPFx solutions** – eventually replacing old Yeoman generator
- **Open-sourced tooling in GitHub**, welcoming PRs and contributions to CLI implementation and the available templates
- All previously existing templates will be provided through the new model
 - Templates are also open-sourced and are open for adjustments
- CLI can be also pointed on **your specific templates** which are used on behalf of the Microsoft provided templates

```
Windows PowerShell
----- package-solution started -----
Found manifest: 11111111-1111-1111-1111-111111111111.manifest.json
Found client-side build resource: minimal-web-part_65fd7a1c4c0034dcf0fe.js
Found client-side build resource: minimal-web-part_65fd7a1c4c0034dcf0fe.js.LICENSE.txt
Found teams icons: 11111111-1111-1111-1111-111111111111_color.png
Found teams icons: 11111111-1111-1111-1111-111111111111_outline.png
Verifying configuration...
Done!

Normalizing solution information...
Attempting creating component definitions for {1} manifests
Created component definitions for {1} manifests
feature.componentIds not set! Adding 1 components to feature { @spfx-template/webpart-minimal Feature }.
Done!

Reading custom Feature XML...
Done!

Validating App Package...
Done!

Reading resources...
Done!

Reading Sharepoint Assets & Creating XML...
Done!

Writing solution XML to D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug...
Cleaned D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\AppManifest.xml
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\_rels\AppManifest.xml.rels
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\_rels\_rels
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\ContentTypes.xml
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\feature_33333333-3333-3333-3333-333333333333.xml.rels
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\_rels\feature_33333333-3333-3333-3333-333333333333.xml.rels
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\feature_33333333-3333-3333-3333-333333333333.xml.config.xml
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\33333333-3333-3333-3333-333333333333\WebPart_11111111-1111-1111-1111-111111111111.xml
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\ClientSideAssets.xml
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\_rels\ClientSideAssets.xml.rels
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\ClientSideAssets.xml.config.xml
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\ClientSideAssets\minimal-web-part_65fd7a1c4c0034dcf0fe.js
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\ClientSideAssets\minimal-web-part_65fd7a1c4c0034dcf0fe.js.LICENSE.txt
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\ClientSideAssets\11111111-1111-1111-1111-111111111111_color.png
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\debug\ClientSideAssets\11111111-1111-1111-1111-111111111111_outline.png
Created file: D:\git\spfx\examples\webpart-minimal\sharepoint\solution\@spfx-template\webpart-minimal.sppkg
Done!

ALL DONE!

----- package-solution finished (3.206s) -----
----- Finished (3.22s) -----
```

demo

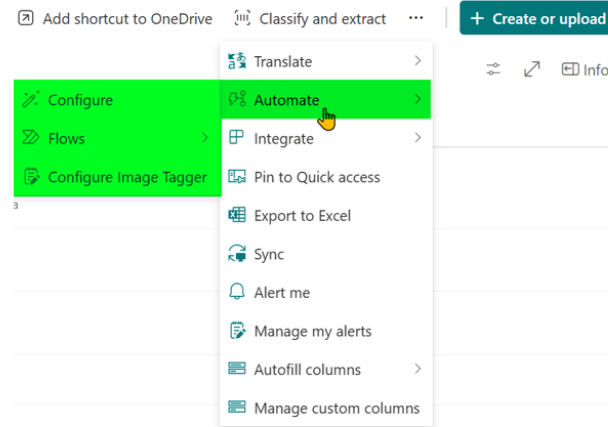


SPFx CLI

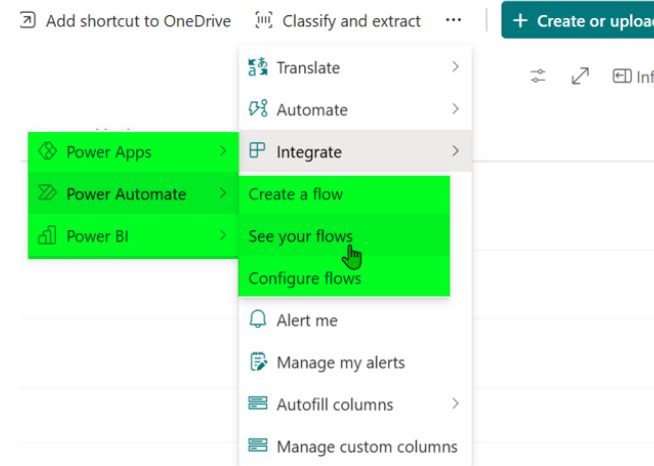
Command set grouping



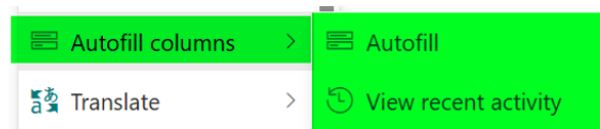
First level grouping for “Automate” from the toolbar



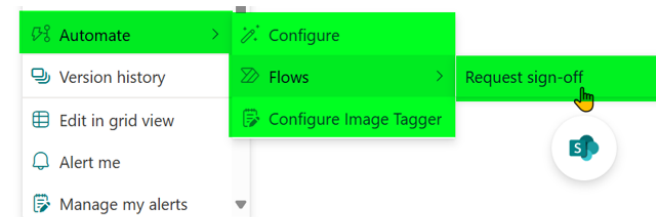
Second level grouping for “Power Automate” from the toolbar



First level grouping for “autofill columns”



Second level grouping from the popup menu for “Flows”



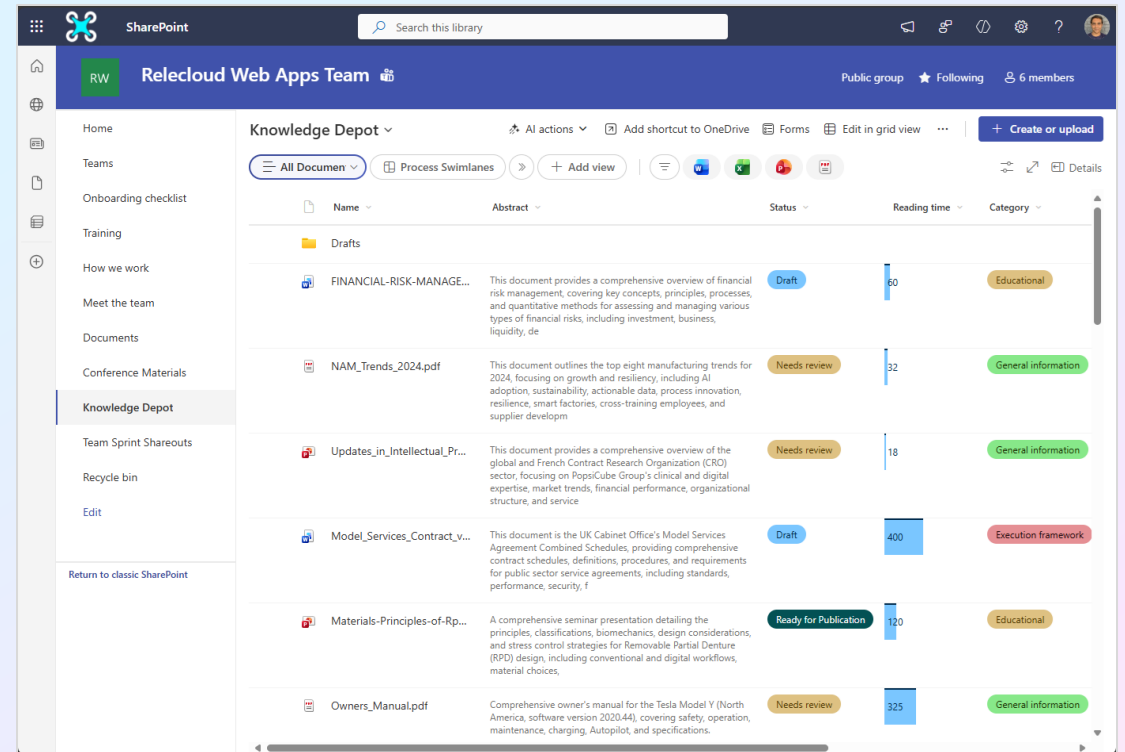
demo



Command Set Grouping

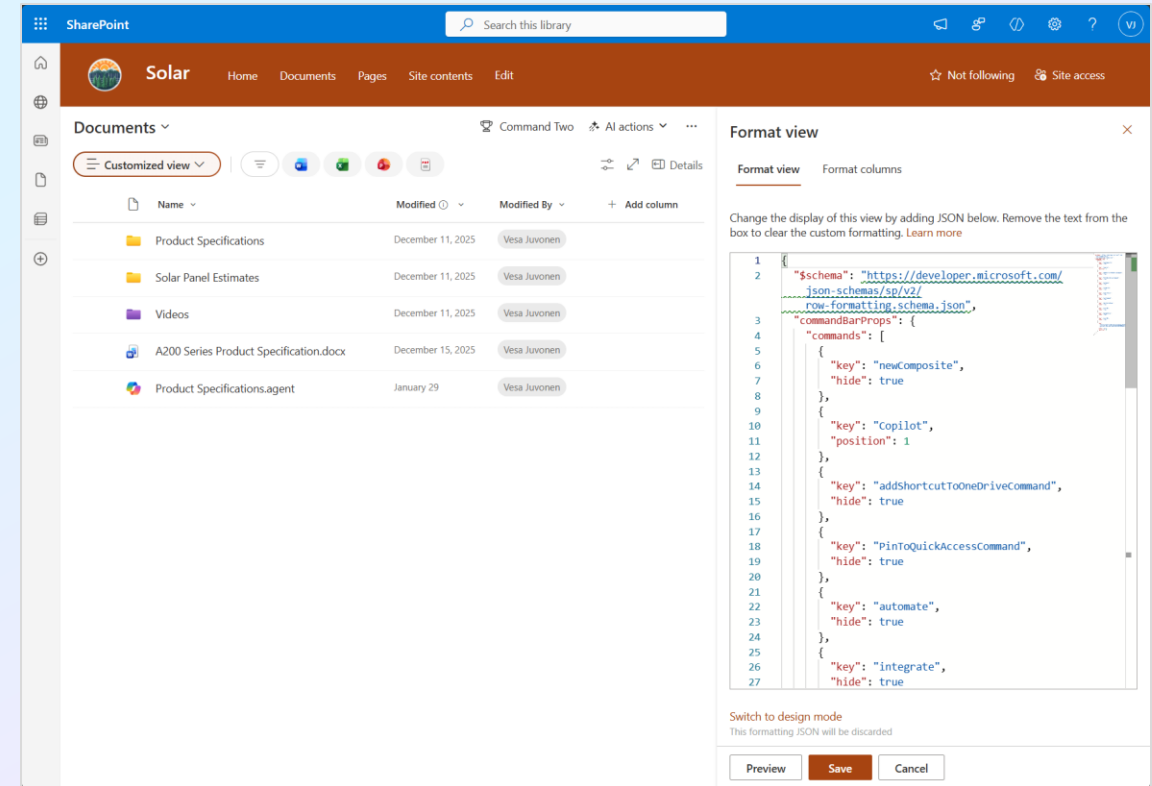
New document library experience (rolling in early 2026)

- Microsoft is introducing changes on the document library UX
- These changes might impact on how your potentially extensibility is rendered
- There are ways to control which custom commands and out of the box buttons are visible in the list and library level



Use view formatting to control actions in lists and libraries

- You can use view formatting and JSON to define which buttons are visible in the lists and libraries
 - Supported also for the deployed SPFx list view command extensions 💡
- This setting is supported in the view instance level
- There's no centralized option to control this (currently)
 - ⚠️ Notice that any user who has modified list permissions can adjust which buttons are visible and which are not



The screenshot shows the SharePoint interface for a document library named 'Solar'. The library contains several folders and documents. A 'Format view' dialog box is open on the right, allowing the user to customize the view by adding JSON. The JSON code is as follows:

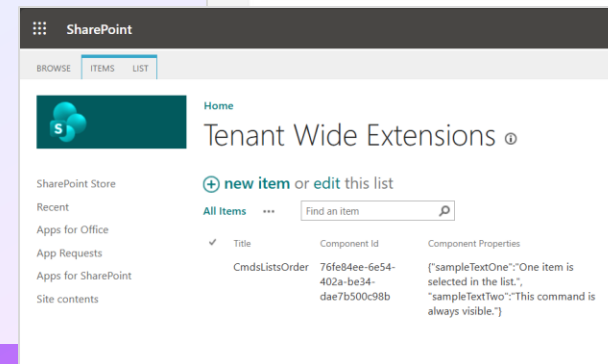
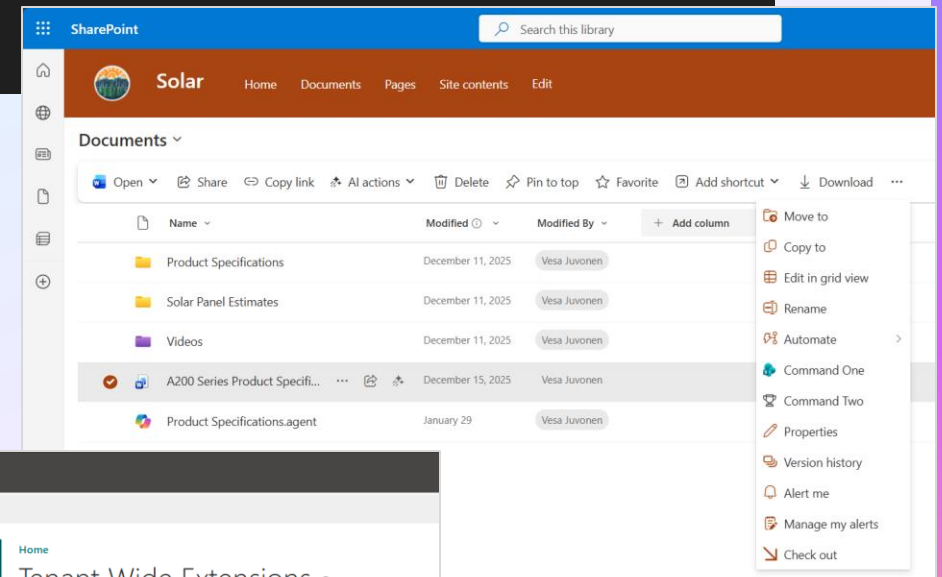
```
1 [{"schema": "https://developer.microsoft.com/
2 json-schemas/sp/v2/
3 row-formatting.schema.json",
4 "commandBarProps": {
5   "commands": [
6     {
7       "key": "newComposite",
8       "hide": true
9     },
10    {
11      "key": "Copilot",
12      "position": 1
13    },
14    {
15      "key": "addShortcutToOneDriveCommand",
16      "hide": true
17    },
18    {
19      "key": "PintoQuickAccessCommand",
20      "hide": true
21    },
22    {
23      "key": "automate",
24      "hide": true
25    },
26    {
27      "key": "integrate",
28      "hide": true
29    }
30  ]
31 }
32 }]
```

At the bottom of the dialog, there are buttons for 'Preview', 'Save', and 'Cancel'. A note indicates that the formatting JSON will be discarded if the user switches to design mode.

Deploying custom SPFx commands to lists and libraries

- You can use SPFx to deploy custom buttons and actions as toolbar buttons and menu items
- Enables you to introduce additional extensibility and capabilities to end users
- SPFx supports centralized deployment using Tenant Wide Extensions list with targeting options
 - Activation targeting supported based on list and template types

```
17
18   "items": {
19     "COMMAND_1": {
20       "title": { "default": "Command One" },
21       "iconImageUrl": "data:image/png;base64,iVBORw0KGgoAAAANSU...AAACAAAAAgCAYA",
22       "type": "command"
23     },
24     "COMMAND_2": {
25       "title": { "default": "Command Two" },
26       "iconImageUrl": "data:image/png;base64,iVBORw0KGgoAAAANSU...AAACAAAAAgCAYA",
27       "type": "command"
28     }
29   }
30 }
31
```



demo

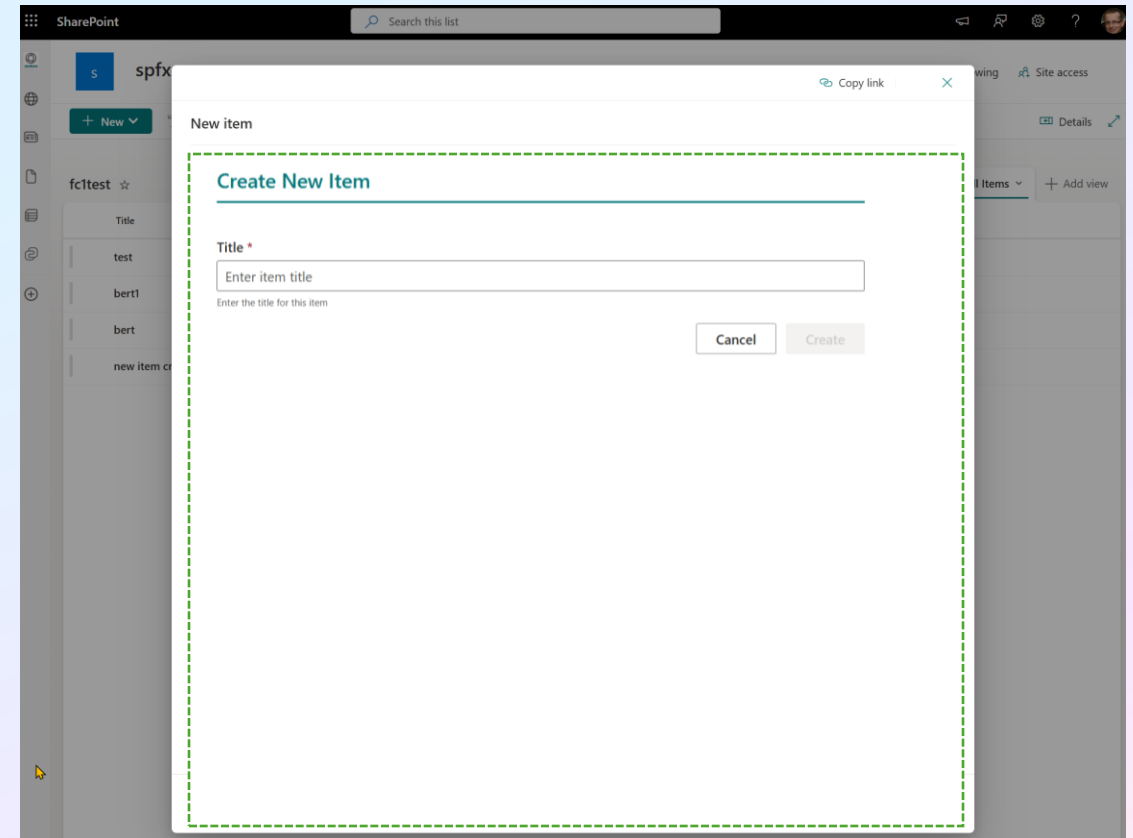


View formatting and button
visibility with SPFx & JSON

Form customizers in List/Library panels



- Support for one of the **most highly requested** extensibility scenarios
- Enables **developers to choose** between full page and panel-based form experiences
 - SPFx introduces a new `isPanelExperienceEnabled` flag in the manifest
- Provides greater flexibility in customizing list and library form interactions



demo



SPFx list forms in panels



Communication site

Home Documents Pages Test Site contents Edit

Not following Site access

+ Add new item
Edit
Undo
Share
Copy link
Comment
Delete
Integrate
Group One
Group Two
...
1 selected
Details

Sales Leads ☆

Filter, Sort, View: All Items, Add view

Title	Status	Client	Market	Installation Type
Greg & Dana Harmon - Residen...	status-won	Greg & Dana Harmon	Northeast	Residential
Brightwater Logistics LLC - Commercial - ...	status-proposal	Brightwater Logistics LLC	Northeast	Commercial
Pelham Unified School District - Commer...	status-proposal	Pelham Unified School District	Northeast	Commercial
Vantage Cold Storage Inc. - Industrial - No...	status-site-survey	Vantage Cold Storage Inc.	Northeast	Industrial
Linh & David Nguyen - Residential - Nort...	status-lead	Linh & David Nguyen	Northeast	Residential
TriState Renewable Partners - Utility-Scale ...	status-won	TriState Renewable Partners	Northeast	Utility-Scale
Frank Castellano - Residential - Northeast	status-lost	Frank Castellano	Northeast	Residential
Sunrise Commons Property Group - Com...	status-proposal	Sunrise Commons Property Group	Southeast	Commercial
Hollis Family Farms LLC - Commercial - So...	status-won	Hollis Family Farms LLC	Southeast	Commercial

Save Cancel

Title *

Greg & Dana Harmon - Residential - Northeast

Status *

Lead
Site Survey
Proposal
Won
Lost

Installation Type

Residential
Commercial
Industrial
Utility-Scale

Market

Northeast

Client Information

Client

Greg & Dana Harmon

Site Address

142 Maple Ridge Rd, Concord, NH 03301

Name

Greg Harmon

Email



g.harmon@gmail.com

Phone


603-555-0142

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Top of mind

- **React 18 update**

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Few topics in top of mind – Copilot and AI

Agentic coding

Microsoft provided skills and instructions for ecosystem.

Open-source collection of skills and tools for the agentic development.

EVAL system(s) for the agentic coding.

Extend Copilot UI++


SPFx powered UX for Copilot – build with the MCP apps model, but with automatic hosting for SPFx solutions.

Make usage of Copilot APIs/Work IQ easy for SPFx solutions.

Vibe authoring

Support custom components with vibe authoring scenarios – page manipulation etc.

SharePoint skills deployment, packaging, governance etc. with SPFx solutions.

 Topics which we are currently actively working or evaluating for future investments

MICROSOFT 365 & POWER PLATFORM COMMUNITY

Learn from others how to build apps on Microsoft 365 & Power Platform. Don't reinvent the wheel. Focus on what truly matters for your organization.

Sharing is Caring!

<https://aka.ms/community/home>



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 DANK U WEL
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 БЛАГОДАРЯ
 DZIĘKUJĘ
 OBRIGADO
 감사합니다
 TACK
 GRACIAS
 MERCI
 SALMAT PO
 TAK
 TERIMA KASIH
 תודה
 KÖSZÖNÖM
 谢谢
 TEŞEKKÜRLER
 СПАСИБО
 多謝晒
 DANKE
 MULŢUMESC
 धन्यवाद
 HVALA
 謝謝
 ありがとうございます
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Microsoft 365 Copilot

Deliver value and employee satisfaction with our tools for Microsoft 365 Copilot deployment and adoption. This powerful technology combines the power of large language models (LLMs) with your organization's data – all in the flow of work – to turn your words into one of the most powerful productivity tools on the planet.

Microsoft 365 Copilot Chat and in-app experiences provide real-time intelligent assistance, enabling users to enhance their creativity, productivity, and skills.

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Copilot Chat and agent starter kit

This new kit includes guidance on IT controls, setup, and resources to help prepare your tenant and enable your users to create and use agents.

[Explore the kit >](#)

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The Microsoft 365 Copilot community is your hub for the official blog, latest news, and discussions.

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Microsoft 365 COMMUNITY CONFERENCE

May 6-8 Las Vegas

Your front-row seat to the future of work

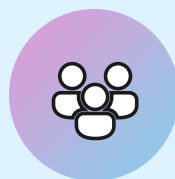
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Learn directly from the experts and redefine what's possible at work—join us at the Microsoft 365 Community Conference.

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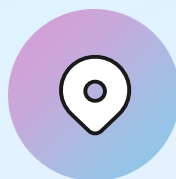
Engage with the best
community in tech...
There's something for
everyone!



Microsoft Tech Community

The community platform for Microsoft 365 –
forums, blogs, and events

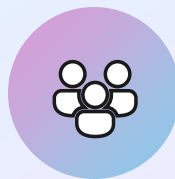
<https://aka.ms/joinMTC>



CommunityDays.org

Find or host a local event in your area
or to match your interests

www.communitydays.org



Microsoft Community on LinkedIn

News, announcements and training delivered to
your news feed

<https://aka.ms/microsoftcommunitylinkedin>



The one stop shop for Microsoft ecosystem community events

The screenshot displays the Microsoft Community Days website interface. At the top left is the logo "Community Days Supporting the Microsoft Community". On the right are navigation links for "Home", "Events", and "Calls". A large banner reads "Discover Community Events happening across the world." Below this is a search bar and filter controls. The "WHERE" section includes radio buttons for "Global", "Country", "Region", and "Sub Region". The "FILTERS" section includes checkboxes for "Registration Open", "Call for Speakers", "Call for Sponsors", "Hide Paid", and "Hide Others". The main content area is a grid of event cards, each with a unique background image and text. The cards include:

- FABRIC DATA DAYS**: Nov 4 - Dec 11, 2025. Location: Your city, Your country, United States. Format: Hybrid. Cost: Free.
- SMARTCLOUD 365 - 2025**: November 25, 2025. Location: Germany. Format: Virtual. Cost: Free.
- DYNUG AUTUMN CONFERENCE 2025**: November 25 - 26, 2025. Location: Oslo, Gardermoen, Norway. Format: Paid. Cost: 1,311.88.
- SHIFT ENTER SUMMIT 2025**: November 26, 2025. Location: Budapest, Hungary. Format: Paid.
- AI COMMUNITY CONFERENCE - TORONTO 2025**: November 28, 2025. Location: Toronto, Ontario, Canada. Format: Free.
- SEASON OF AI - MCP**: November 28, 2025. Location: Gurgaon, Haryana, India. Format: Hybrid. Cost: Free.
- ESPC25**: December 1 - 4, 2025. Location: Dublin, Dublin 1, Ireland. Format: Paid.
- MSREBUILD 2025**: December 2, 2025. Location: Nantes, Pays de la Loire, France. Format: Free.
- TECHBAYANIHAN 2025**: December 3 - 4, 2025. Location: Manila City, National Capital Region, Philippines. Format: Free.

www.communitydays.org



SharePoint at 25 short film: *More than Code*

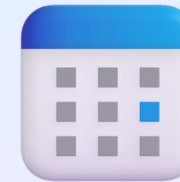
In honor of SharePoint's 25th birthday, *More Than Code* is a short film that explores the people, passion, and innovation behind one of the most transformative platforms in modern work. This film captures the stories of builders, leaders, and community champions who helped shape SharePoint into the knowledge backbone for collaboration, Copilot, and the next generation of agents.

SharePoint is more than code—it's 25 years of connection, innovation and impact.



Watch the digital premiere

Stream the documentary online globally in late April and celebrate SharePoint's 25-year journey from anywhere.



Watch the SharePoint at 25 digital event

Prepare for the film with a special digital event featuring insights, stories, and what's next for SharePoint in the era of AI.

