



Componentize Your Power Apps!

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Session slides: o365Nashville.org/slides

Event evaluation: o365Nashville.org/2020eval

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Meeting Interaction

Remember to use the chat window to ask questions!

Keep your microphone muted, except to ask a question

(don't forget to turn the mute back on)

Your Audio Device

Choose 'more actions'

- Open 'Show device settings'
- Choose correct audio device

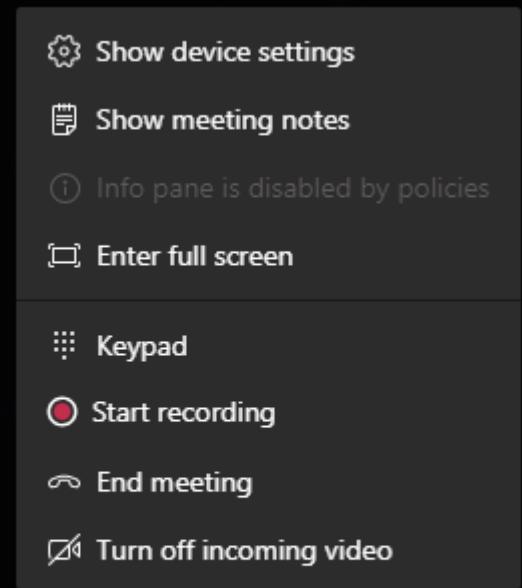
Muting and Unmuting Microphone

- Click on the Phone/Microphone icon to mute & unmute

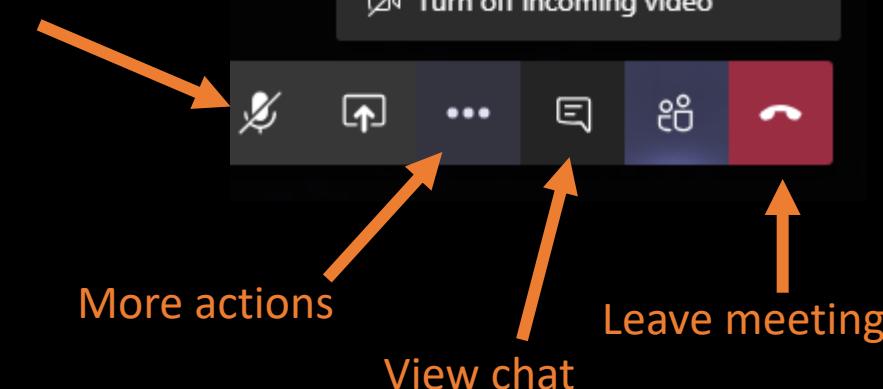


Having issues? Sometimes leaving the meeting and rejoining helps.

Due to the nature of this event, we are unable to give personalized help for troubleshooting your PC or connection. Learn more about Teams here: o365Nashville.org/LearnTeams



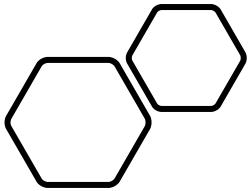
Stay muted!



About Me

- Partner Technical Architect,
Microsoft
 - Former MVP
 - Active Blogger and Speaker
 - Twitter: @aprildunnam
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 - Youtube:
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Agenda



WHY
USE COMPONENTS



WHAT
ARE COMPONENTS



HOW
DEMOS

Have you ever?

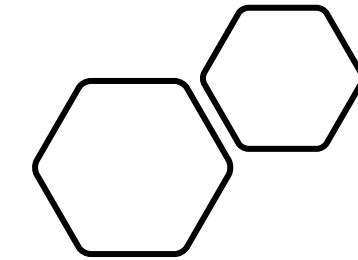
- Copied and pasted the same header controls to a gazillion screens in a gazillion different apps....only to realize that you need to change something with it?
- Tried to collaborate with a colleague to work on a Power Apps together and saw the “locked for editing” message?



WHAT IF I TOLD YOU



THERE'S A BETTER WAY



Why Use Components?

REUSABILITY

CONSISTENCY

BRANDING

FLEXIBILITY

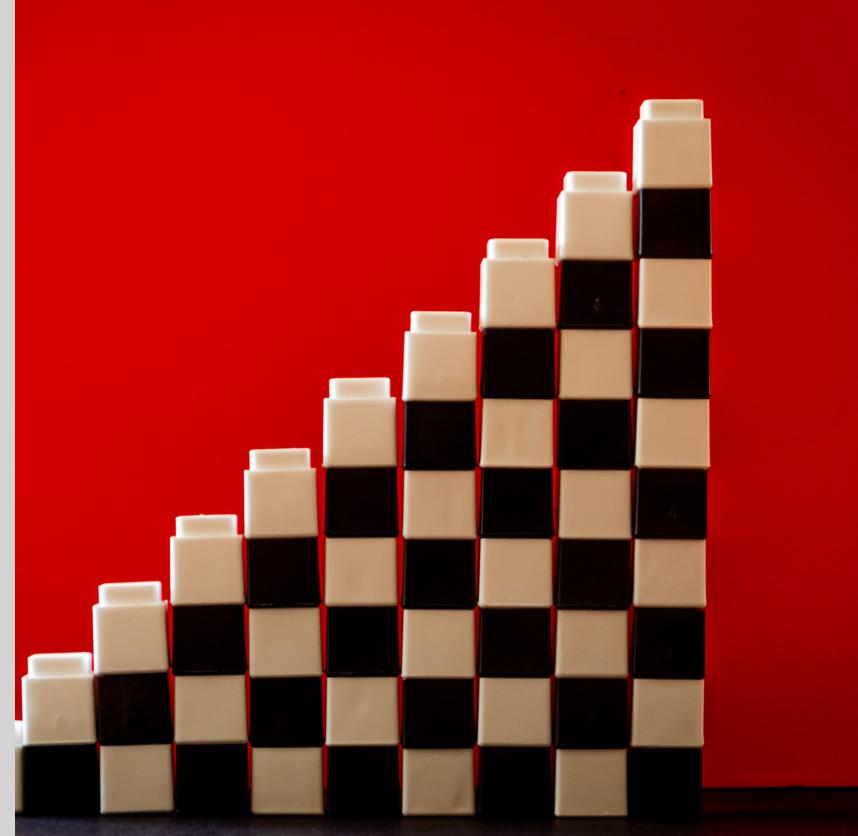
PERFORMANCE

COLLABORATIVE
DEVELOPMENT



What are Components?

- Reusable building blocks
- Define a set of controls
- Import components in other apps
- Master-Child Implementation



Component Properties

Input Properties

- Send information to the component
 - Color
 - Text to show
 - Navigation items to Display

Output Properties

- Get information from the component
 - Selected Item in a Gallery

Types of Components

Classic Components

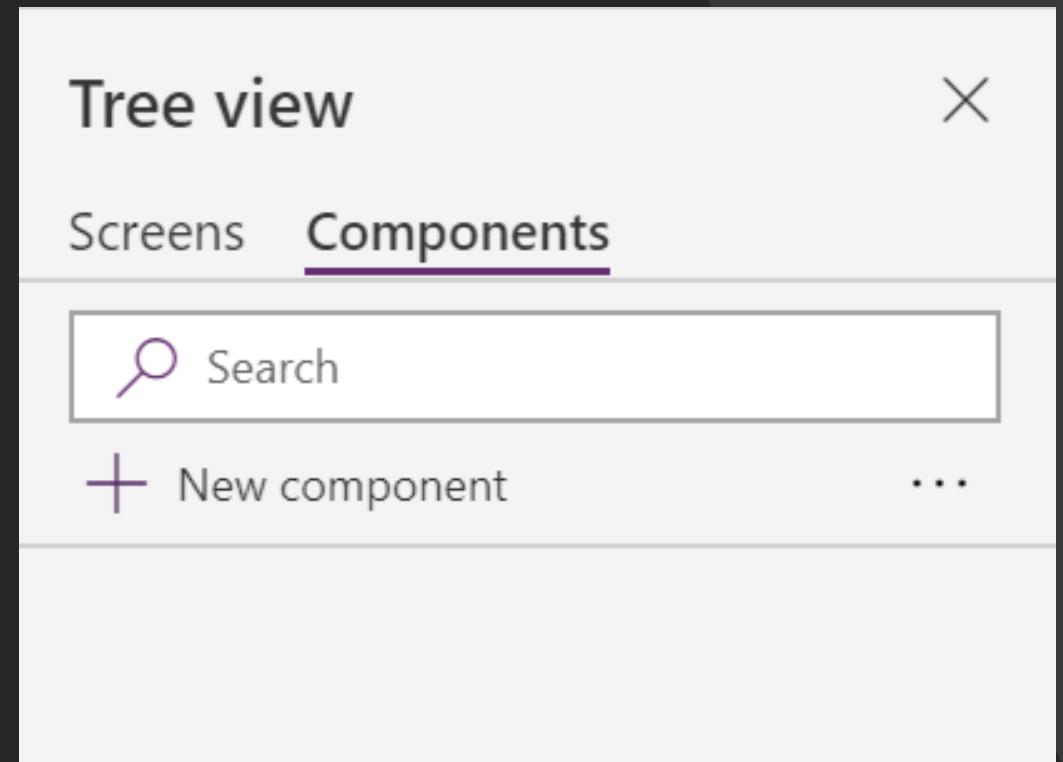
- Audience – Citizen Devs
- Create in Power Apps Studio with low/no-code

Code Components

- Audience – Pro Devs
- Create in VS Code with full code

Enabling Components

- On newly created apps this *should be enabled by default. Might need to enable on older apps
- File > App Settings > Advanced Settings > Toggle Components On
- In the Tree View, select Components
 - Create New Component from scratch or import existing
- Insert > Components – gives a list of components that you have created/imported within your App

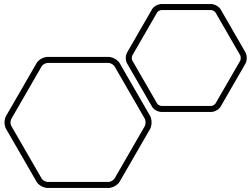


Component Libraries

- Containers of component definitions that make it easy to:
 - Discover and search components.
 - Publish updates across environments.
 - Notify app makers of available component updates.

DEMO Time!





Component Gotcha's



STILL IN PREVIEW



COLLECTIONS NOT FULLY
SUPPORTED



CONNECTORS NOT FULLY
SUPPORTED



CAN'T NEST INSIDE
GALLERIES, FORMS OR DATA
CARDS

A large orange circle is positioned on the left side of the slide, overlapping the white background. It has a slight shadow or gradient effect.

Learn More

- Canvas Component Blog:
<https://powerapps.microsoft.com/en-us/blog/components-available-in-preview/>
- Component Samples:
<https://github.com/microsoft/powerapps-tools/tree/master/Components>
- Component Libraries:
- <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/component-library>
- Component Framework:
<https://docs.microsoft.com/en-us/powerapps/developer/component-framework/overview>

Session Feedback

bit.ly/0365N-April



- Anonymous
- Results go to Speaker
- Greatly Appreciated

