GLOBAL POWER PLATFORM BOOTCAMP

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Enhanced component properties, a new way to work with Component Library

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Microsoft

#GlobalPowerPlatformBootcamp
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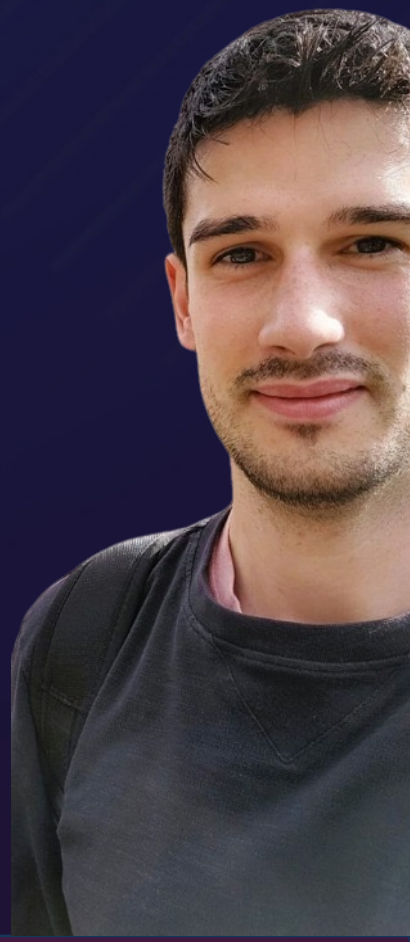

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Agenda

Overview

- Why should you be interested in Power Apps Canvas ?
- What are custom connector and component library ?
- What is enhanced component properties?
- Demo

WHY SHOULD YOU BE INTERESTED IN POWER APPS CANVAS?

Reducing IT cost and complexity, increase speed and agility to accommodate various demand without losing IT governance.

Rapid delivery reduce technical skills barriers and agility to change behaviors according to the business needs.

MISCONCEPTION

Low/no code doesn't mean "no technical skills"

DATA SOURCES

You can choose from different data sources especially Dataverse.

EXTEND

You can extend the platform:

- Using Power Apps Component Framework
- Creating custom connector

CUSTOM CONNECTOR

There are many connectors but yours might be missing. Managing the security and authentication is easy.

Adopting custom connector improve the collaboration between traditional developer and citizen developer.

STEP UP PROCESS TO WORK WITH CUSTOM CONNECTOR :

Custom API

Create

- General information
- Security
- Definition

Test

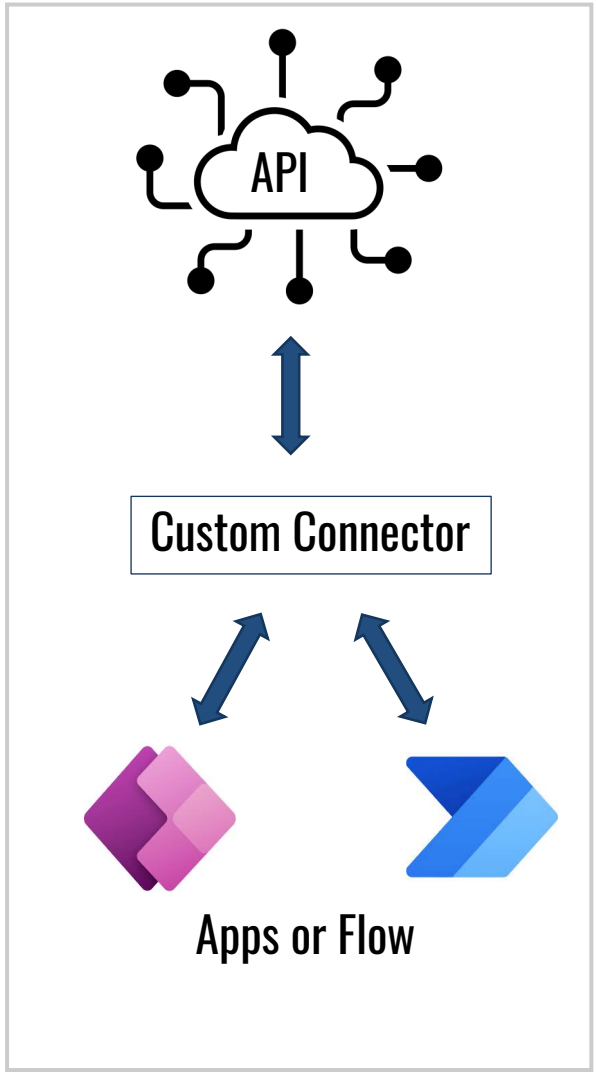
Test a specified operation of this custom connector

Share

Allowing user to edit, update, delete, and access (optional)

Use

Adding it in your app or flow



PITFALLS

PERFORMANCE

Power Apps' HTTP request is a crucial aspect for performance.

OVERUSING HTTP

Execute more than necessary HTTP request. You need to restrict them.

DUPLICATE INFORMATION

You are asking for an information that you already have.

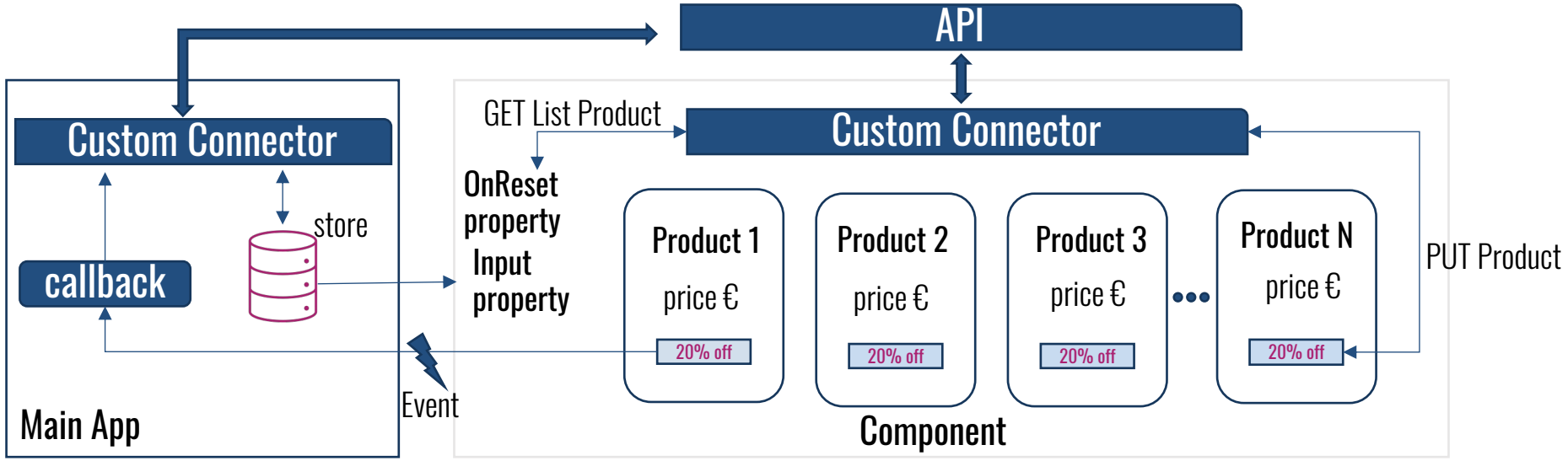
COMPONENT LIBRARY

Incorrect use of a component can lead to problems and compromise ongoing deployment and management.

COMPONENT LIBRARY

Using Component Library is the best way to archive components in one position and is strongly suggested when you work with a huge power apps canvas.

Component allows you to create custom controller which may be used in one or more apps. You can define input and output property for your component.



ENANCHED COMPONENT PROPERTY

You can fire a custom event from the component to the main app using **behavior property**. Also, you can pass **parameters** for a property evaluation.

Previously, you could get the same result using **Toggle** control or **OnReset property**. Both of them were complicated to manage.

WHY IS IT USEFUL ?

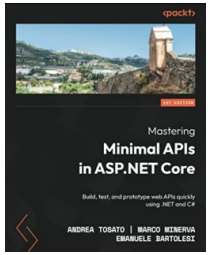
- Optimize connector's request
- Exchange of information between the component and main app is easier
- Data centralization
- Develop better components

DEMO

THANK YOU

Resources:

powerapps.microsoft.com/en-us/blog/enhanced-component-properties/



Mastering Minimal APIs in ASP.NET Core: Build, test, and prototype web APIs quickly using .NET and C# - Andrea Tosato, Marco Minerva, Emanuele Bartolesi

pahandsonlab.blob.core.windows.net/documents/PowerApps%20canvas%20app%20coding%20standards%20and%20guidelines.pdf

nicoloferranti.net/enhanced-component-properties/

Any Questions?

Please fill out the survey!

https://aka.ms/gppb23mifeedback

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