

# Lord of the Custom Pages (One Script to Rule them all)



POWER PLATFORM  
COMMUNITY  
SWEDEN

# Agenda



- Who am I?
- What are Custom Pages?
- When and why use Custom Pages?
- The Script challenge
- The Solution
- Demo
- Questions





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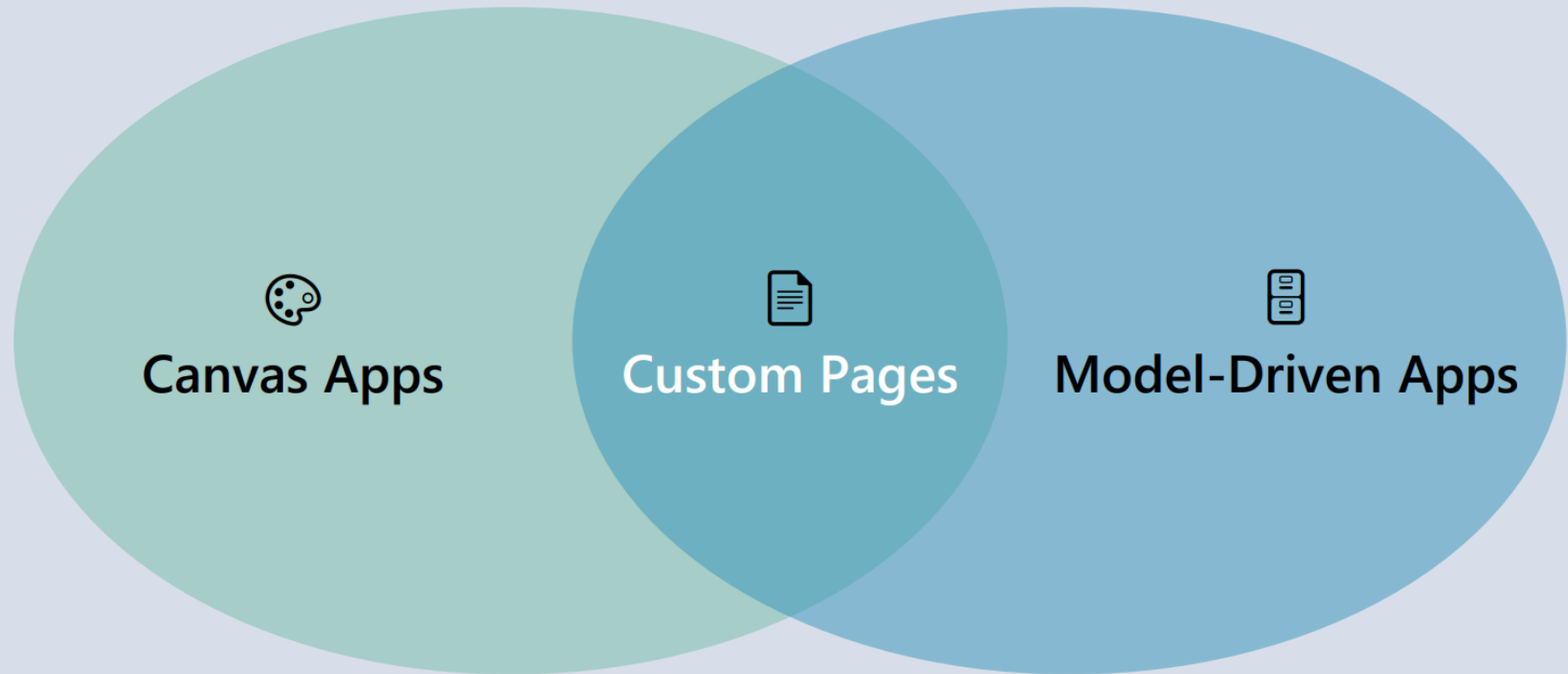
 <https://saralagerquist.com>

 <https://www.linkedin.com/in/saralagerquist/>

# What is Custom Pages?



Power Apps





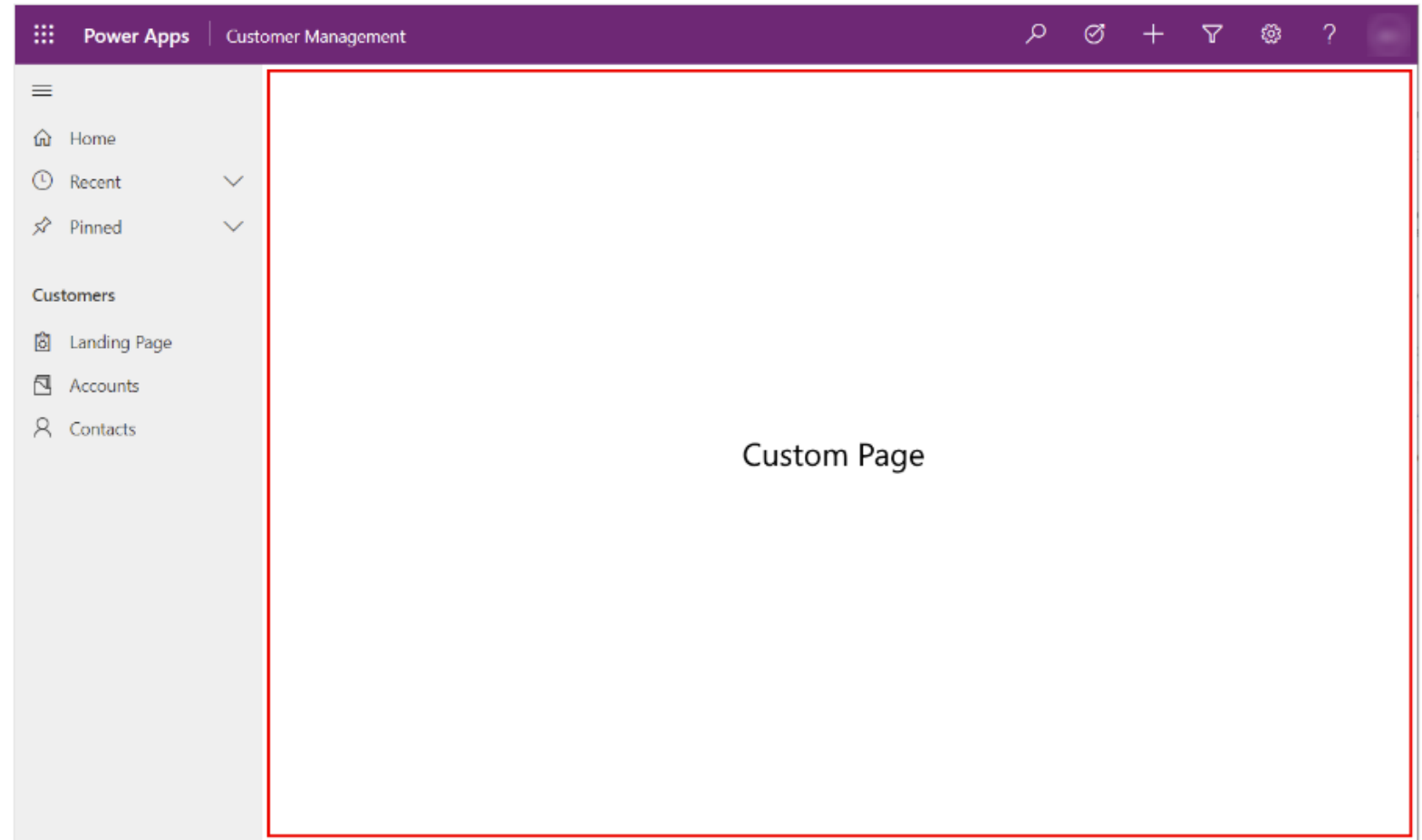
# When and why?

- Going beyond OOB-functionality of MDAs
- Low-Code
- Multiple tables on the same screen
- Connect with other data sources than Dataverse
- Consistent UI

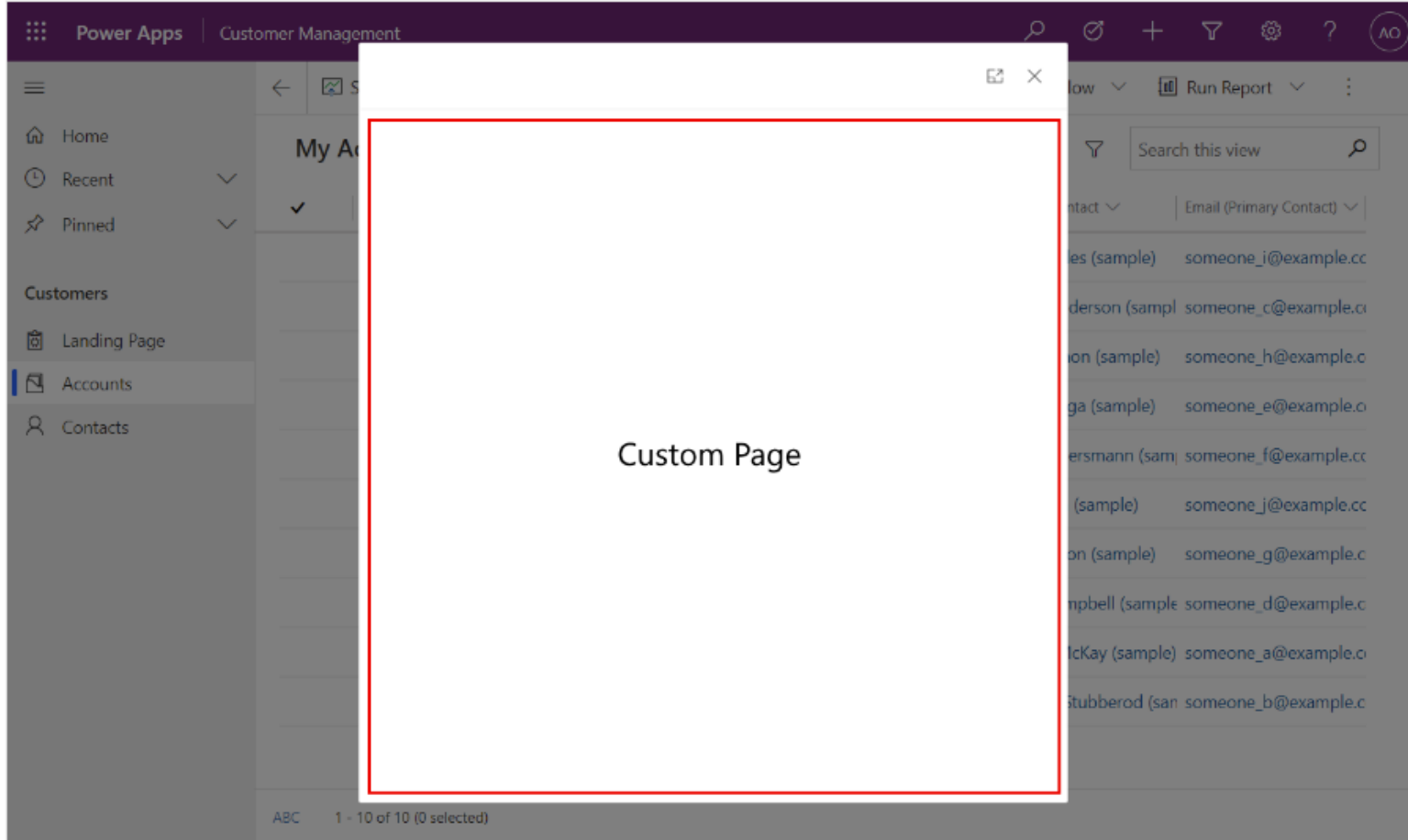


# Display as Main Page

- Added to Sitemap
- No code required
- Multiple Pages per app possible
- Seamless UX for users

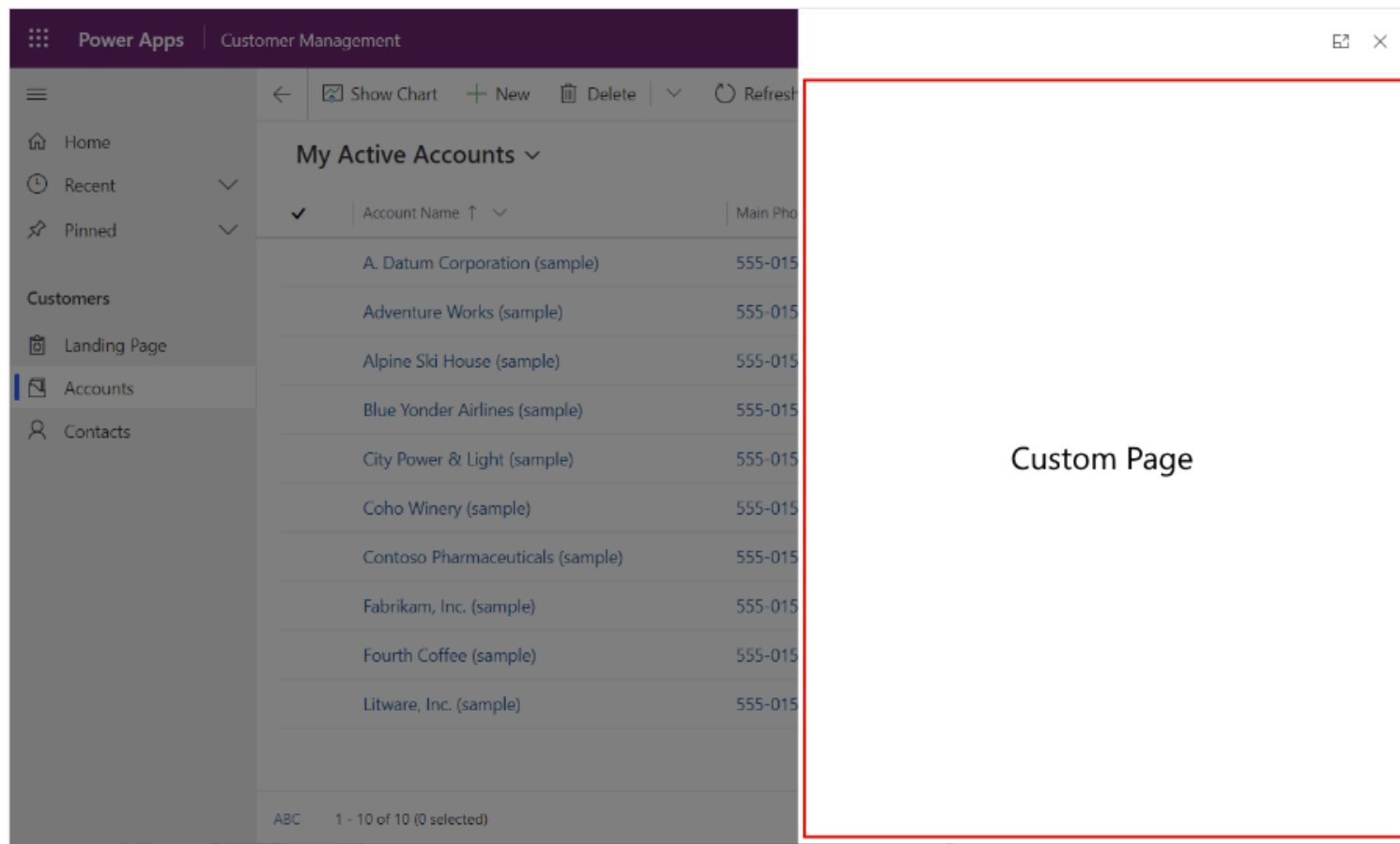


# Display as Centered Dialog



- Can be opened via JavaScript / Commands
- Can be used for wizards, dialogs
- There are different sub-types

# Display as Side Dialog / „Quick Create“



- Sub-type of Dialog
- Same UX experience as in Model-Driven apps



# Display in Side Pane

- Persistent across Pages

Power Apps | Customer Management

Home Recent Pinned Customers Landing Page Accounts Contacts

My Active Accounts

Account Name	Main Pho...	Address 1...	Prim
A. Datum Corporation (sample)	555-0158	Redmond	Ren
Adventure Works (sample)	555-0152	Santa Cruz	Nar
Alpine Ski House (sample)	555-0157	Missoula	Pau
Blue Yonder Airlines (sample)	555-0154	Los Ange...	Sidr
City Power & Light (sample)	555-0155	Redmond	Sco
Coho Winery (sample)	555-0159	Phoenix	Jim
Contoso Pharmaceuticals (sample)	555-0156	Redmond	Rob
Fabrikam, Inc. (sample)	555-0153	Lynnwood	Mar
Fourth Coffee (sample)	555-0150	Renton	Yvo
Litware, Inc. (sample)	555-0151	Dallas	Sus.

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Page 1

Custom Page



# Main difference to Canvas Apps

- Embedded Canvas -> Only on form
- It does have **record context**
- Custom Page can **NOT** be embedded on form
- Embedded limitations:
  - Uses classic canvas app (controls, sharing, etc.)
  - Has basic interactions with host form
  - The new Custom Pages features are NOT supported in Embedded apps
  - Size/rendering on the form

# The challenge



- Custom Pages do **NOT** have a **record context** without JavaScript / TypeScript
- JavaScript / TypeScript is not really „Low Code“ / „Maker-friendly“
- Examples online (MS Learn) are **hardcoding page and dialog options**
  - Many Custom Pages lead to many different Javascript files -> a mess in your solutions!







# The solution

- One Script to Rule them all!
- All important configurations for custom pages are parameters
- Reusable for all custom pages

Benedikt Bergmann built this 👉

<https://benediktbergmann.eu/2023/08/15/generic-ts-js-to-open-a-custom-page/>

# The Solution – part 2



How to use the script:

<https://saralagerquist.com/2023/08/15/use-a-generic-typescript-to-open-custom-pages/>





# DEMO



# OnStart Formula for Record context



```
■ Set(  
■   RecordItem,  
■   If(  
■       IsBlank(Param("id")),  
■       First(TABLE),  
■       LookUp(  
■           TABLE,  
■           TABLEID = GUID(Param("id"))  
■       )  
■   )  
■ )  
■ )
```



# Tack!

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