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

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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POWER PLATFORM
COMMUNITY
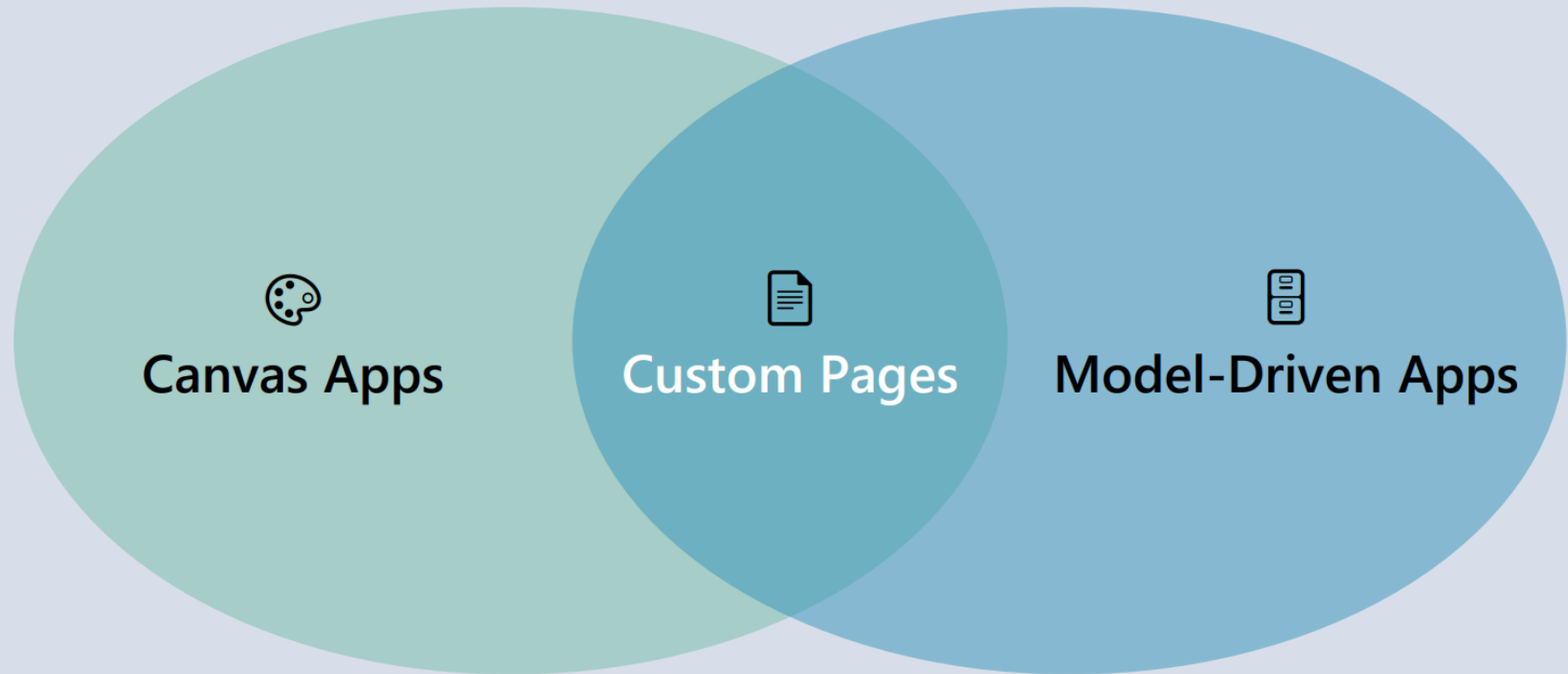SWEDEN

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What is Custom Pages?

Power Apps

Canvas Apps
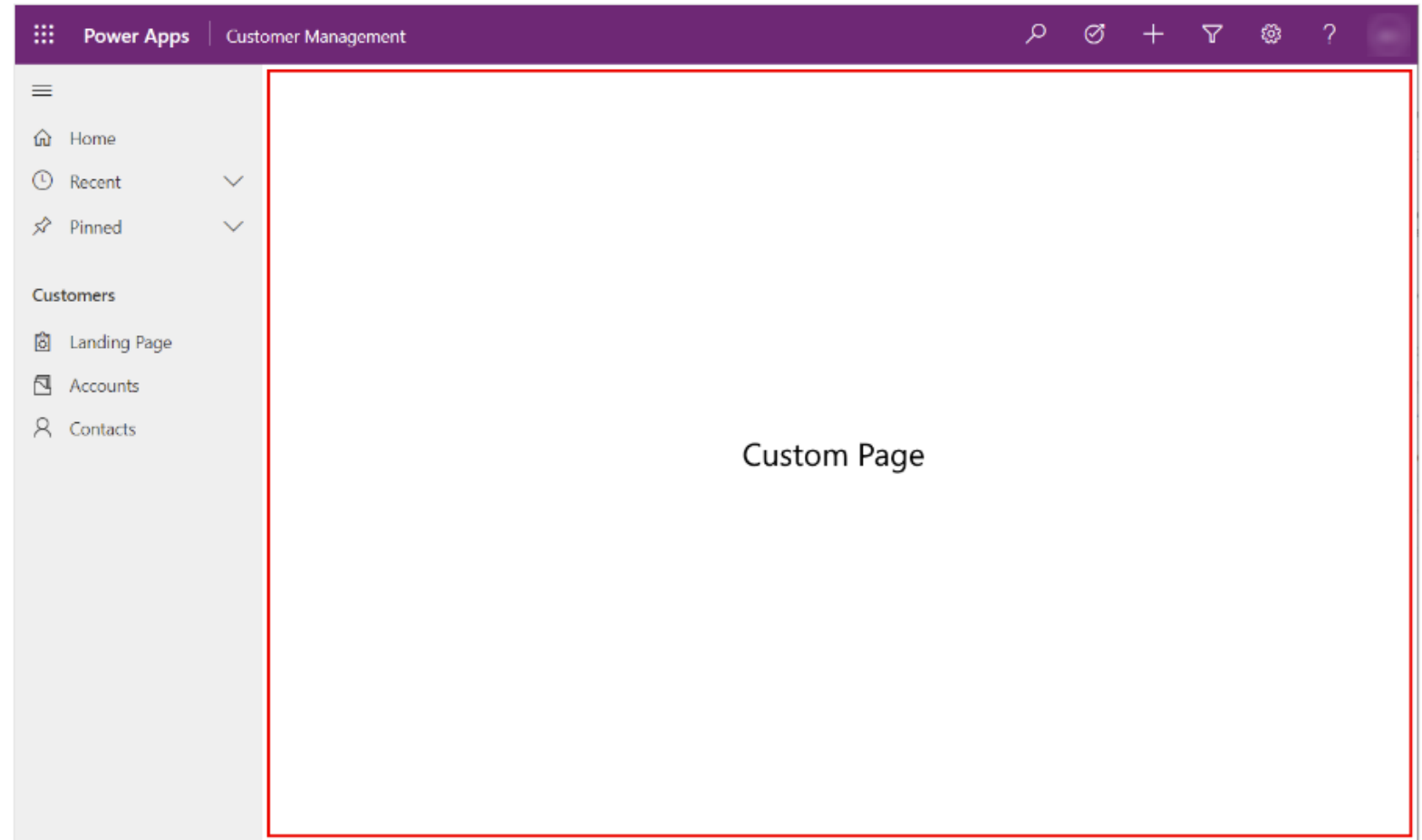
Custom Pages

Model-Driven 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
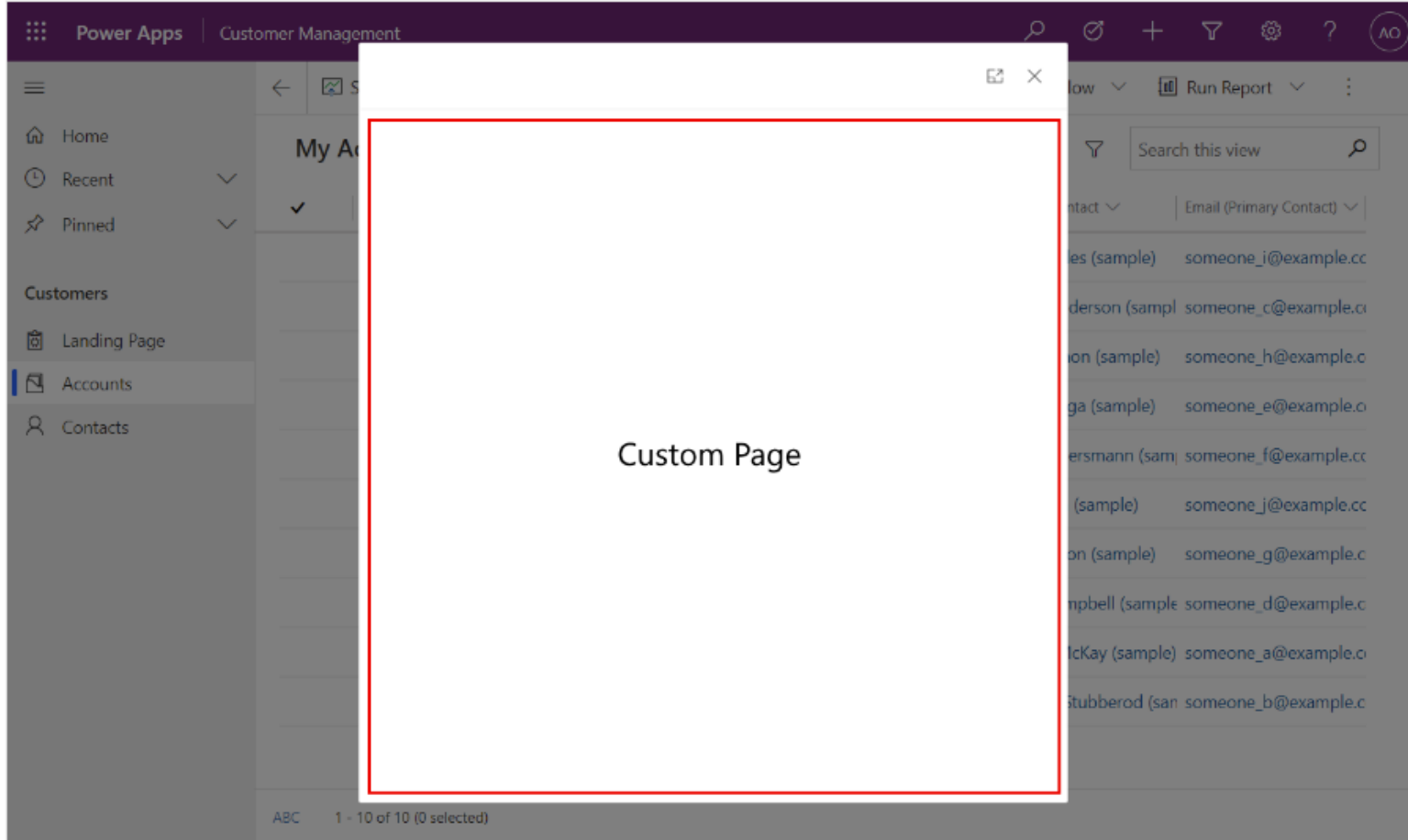- Consistent UI

Display as Main Page

- Added to Sitemap

- No code required

- Multiple Pages per app possible
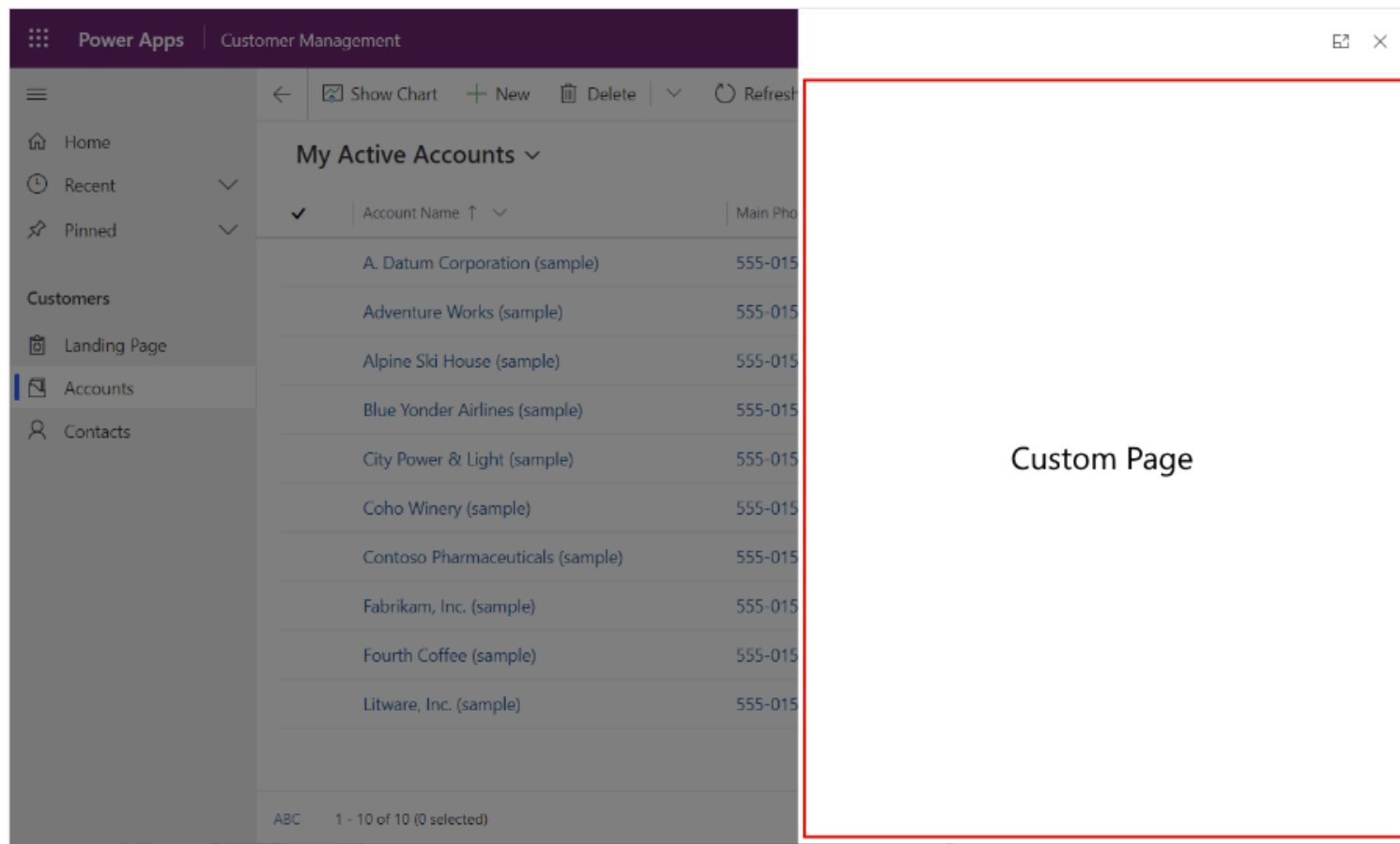
- Seamless UX for users

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

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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