Save yourself some pain!

Understand Environment Variables

Speakers

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Agenda

CDS – Environment Variables

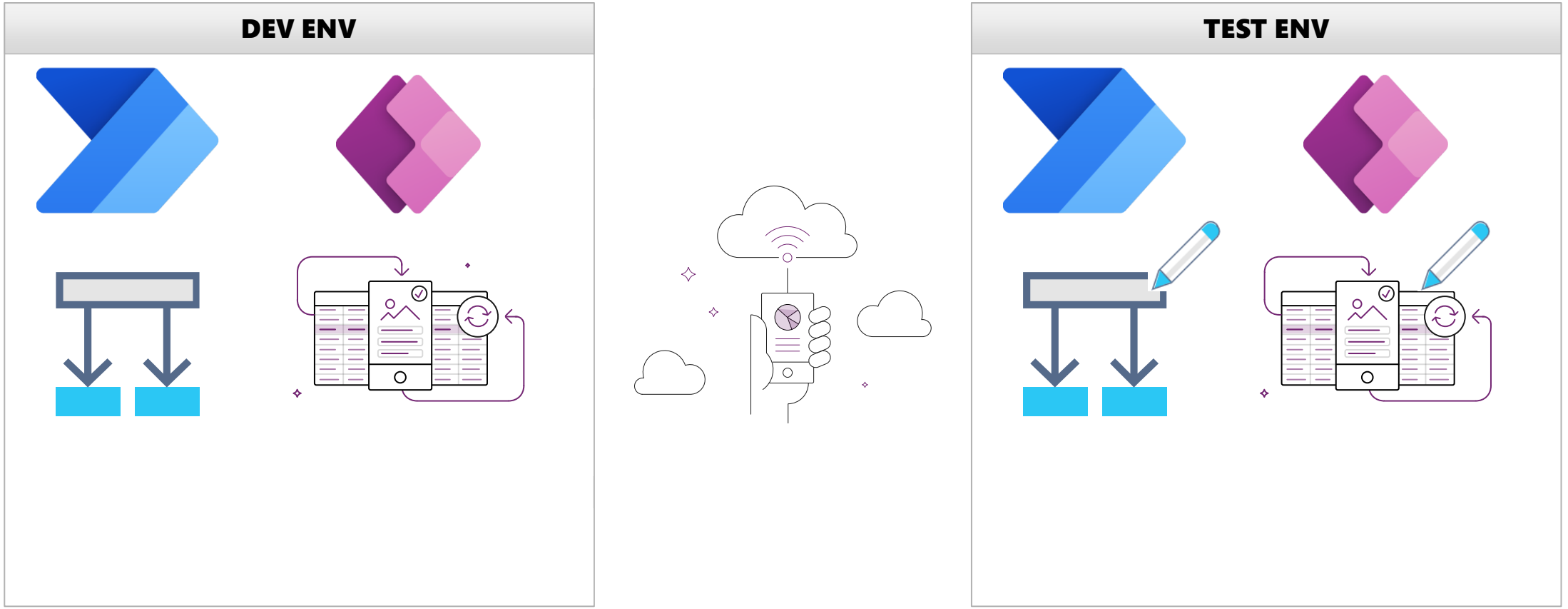
- What are they and why use them?
- How to create and set their value
- Power Apps context
  - Canvas Apps
  - Model-Driven Apps
- Power Automate context
  - Flows

CDS - Environment Variables

One Configuration/Code Base - Different Environments

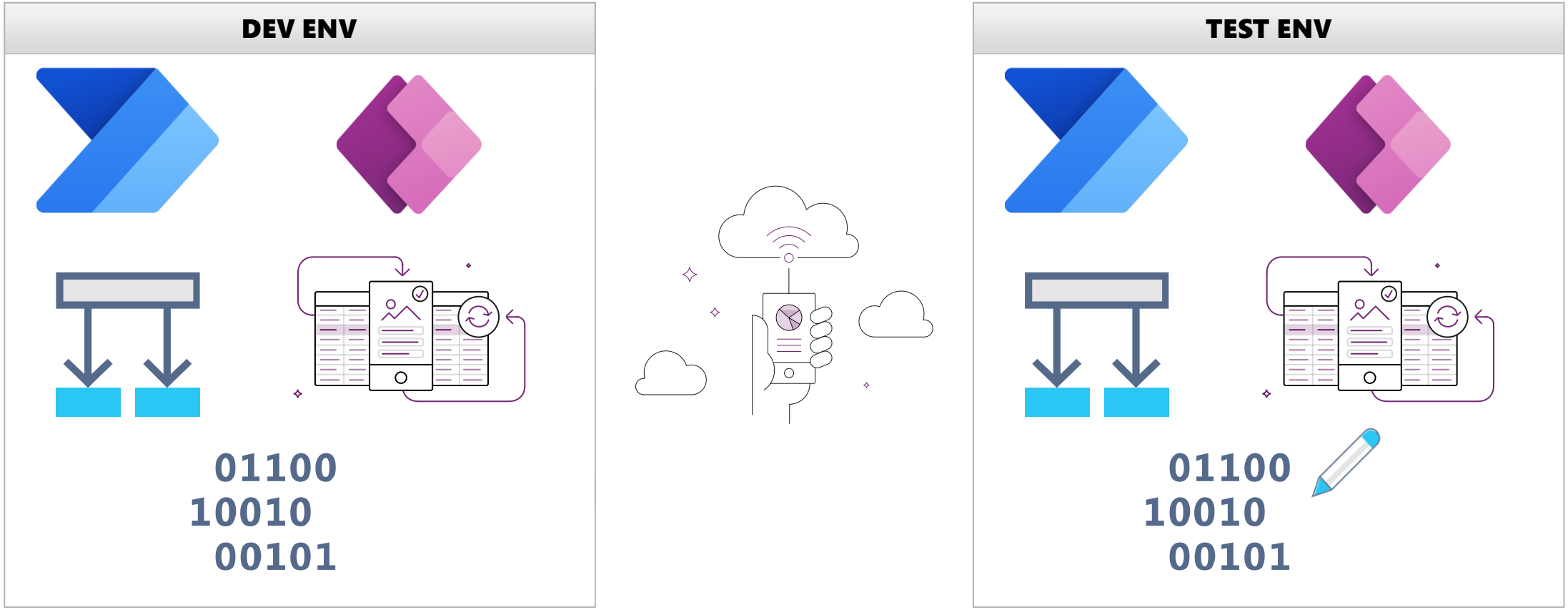
CDS - Environment Variables

Customize by editing flows and apps directly?



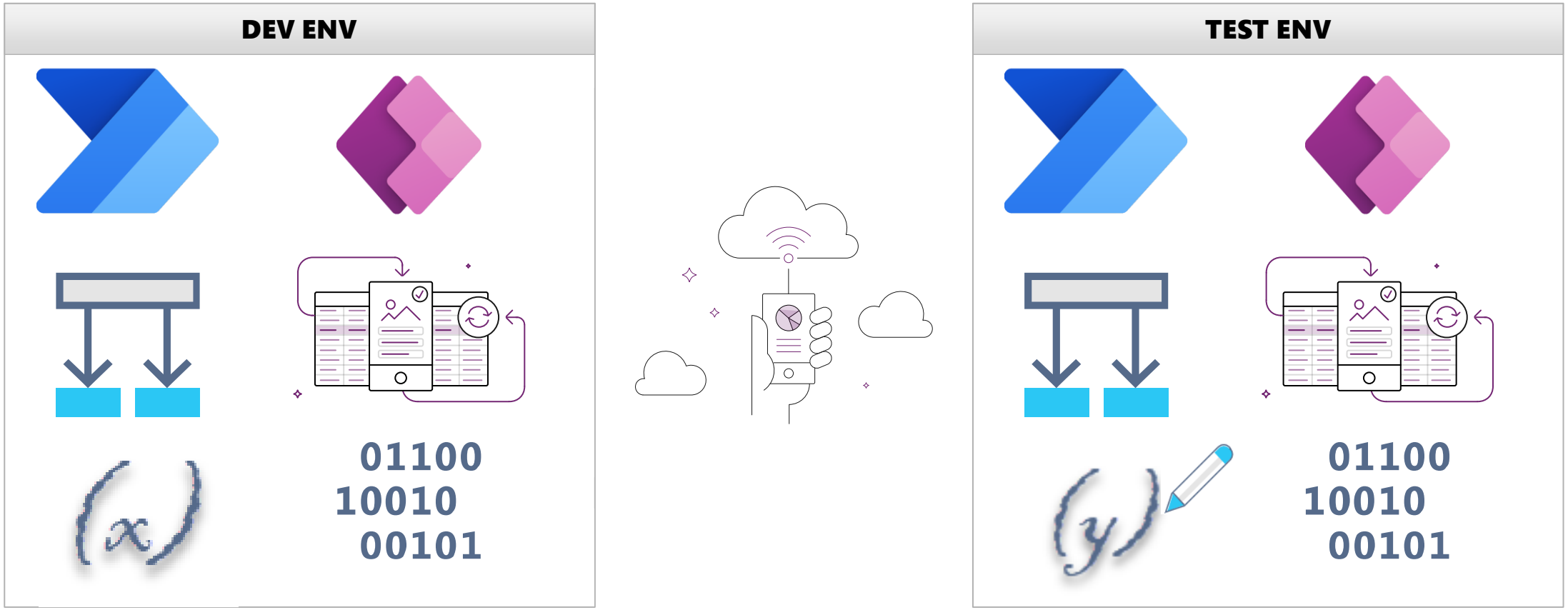
CDS - Environment Variables

Customize by using a parameter table/entity?



CDS - Environment Variables

Customize by editing environment variables!



CDS - Environment Variables

What are they?

- Solution Components
- Alternative for configuration data

Why use them?

- Separate data from code
- Environment specific configuration

CDS - Environment Variables

How to create them?

- Power Apps portal
- Solution component

How to set their value?

- Solution - current value
- Solution import

CDS - Environment Variables

Power Apps context (Canvas App / Model-Driven App)

- CDS Entities
  - Environment Variable Values
  - Environment Variable Definitions
- Canvas Apps
  - Lookups, Gallery, Collection
- Model-Driven Apps
  - Fetch XML, views

CDS - Environment Variables

Power Automate (Flows)

- CDS Actions (List / Get Record / For Each)
  - Step 1: Environment Variable Definitions
  - Step 2: Environment Variable Values

CDS - Environment Variables

What's next?

- Data Source as a type
  - Ex: change the site & list parameters for SharePoint connections
- APIs
  - Simplify interaction with environment variables programmatically

References

- https://powerapps.microsoft.com/en-us/blog/environment-variables-available-in-preview/
- https://crmchap.co.uk/working-with-environment-variables-in-canvas-power-apps-and-power-automate-flows/
- https://powerapps.microsoft.com/en-us/blog/announcing-the-new-solution-import-experience-with-connections-and-environment-variables/
- https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/environmentvariables

365
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CDS
SATURDAY

UP NEXT!

CDS for the Saras

CDS for the Masses

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