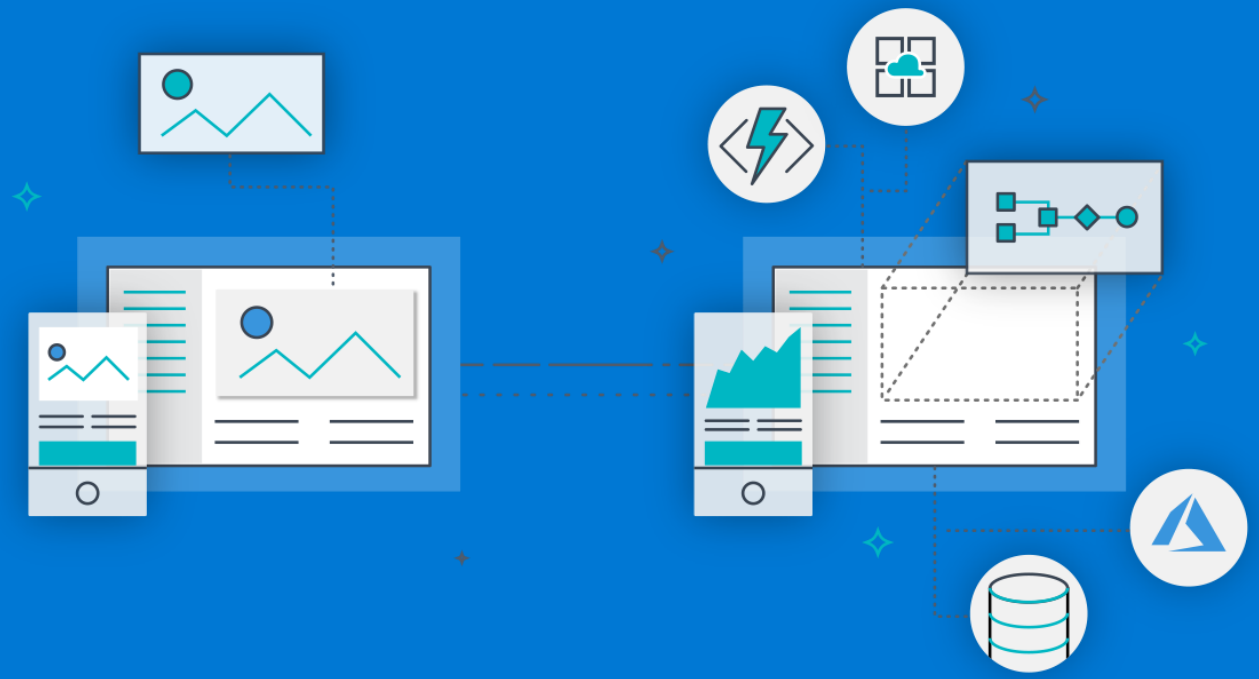
Microsoft

App in a Day

Business Application Platform

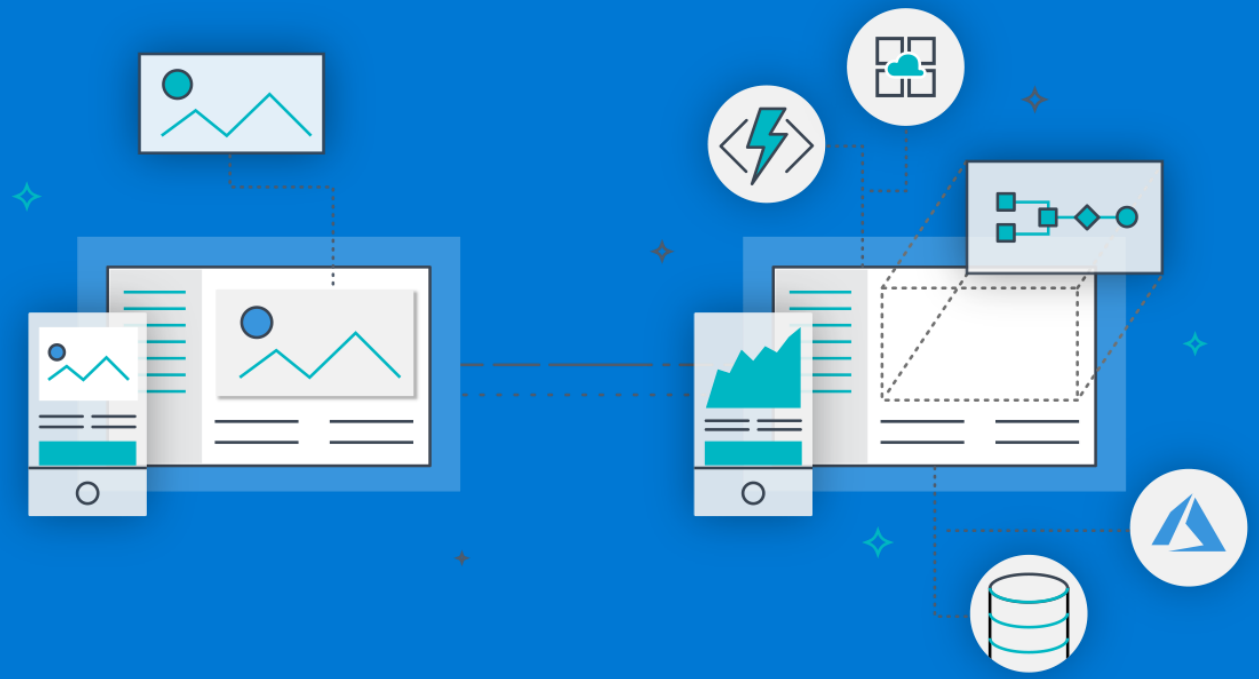
Power Apps, Power Automate & Common Data Service (CDS)

Eric Sauvé, XRM Vision



Microsoft

Road map and call to action



Microsoft Power Platform

One low-code platform that spans Office 365, Dynamics 365, Azure and standalone applications

Power BI

Business analytics

Analyze

Power Apps

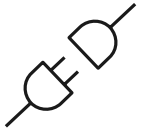
Application development

Act

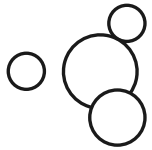
Power Automate

Workflow automation

Automate



Data connectors

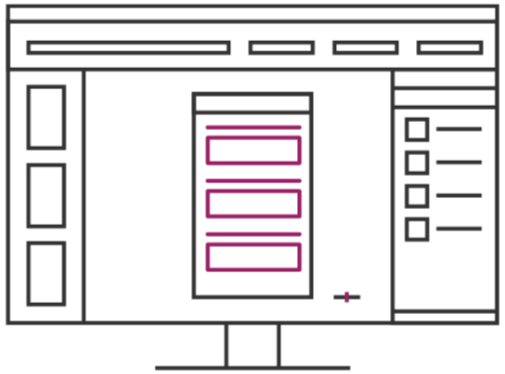


AI Builder

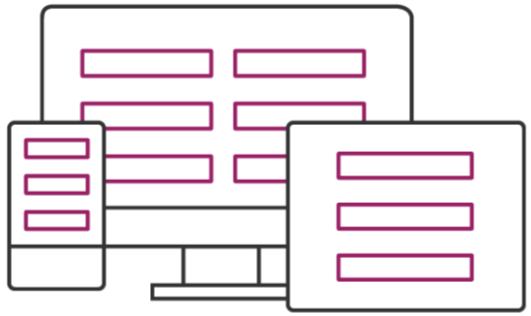
Common Data Service

Canvas Apps help business-power-users to create and use custom business apps across platforms using Excel and PowerPoint skills

Connect to data & systems you're already using *easily*



Create apps, forms, and workflows *without writing code*



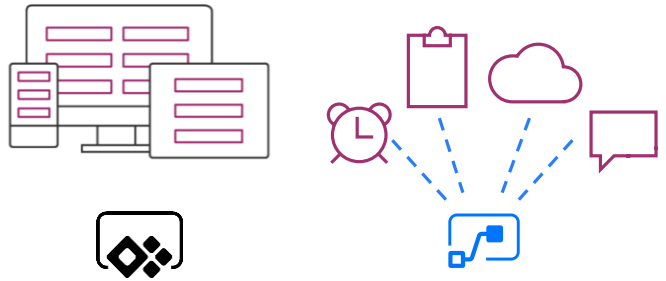
Use apps *on any device* – both web and mobile

Common Data Service (CDS)

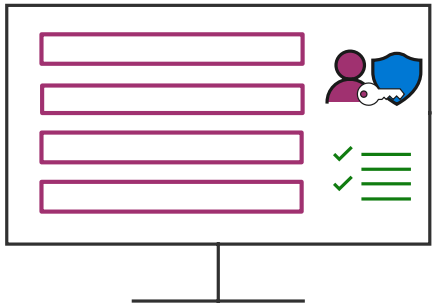
Allows you to securely store and manage the data used in apps

CDS is how Power Apps, Office, and the Dynamics suite of products integrate with a single system of record for business data

Store data in standard and custom entities with *rich metadata*

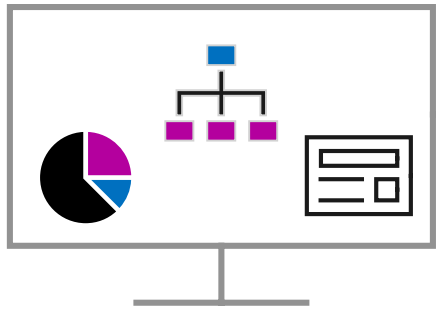


Build *Power Apps apps* and automate *flows* against the data stored in CDS

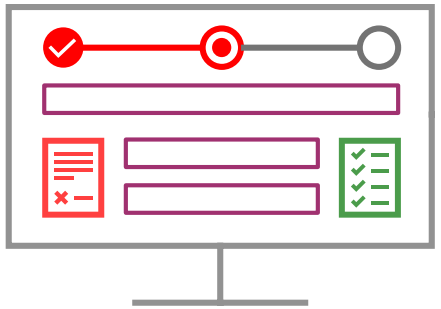


Add *Business rules* & *validation*
Define *role-based security*

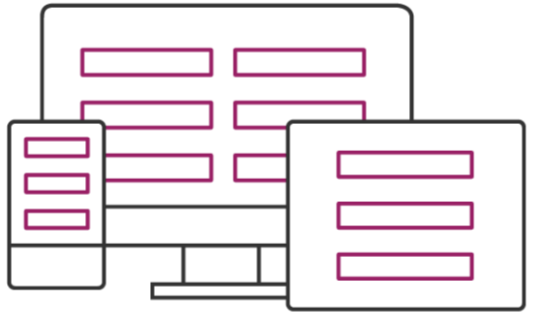
Power Apps Model-driven apps provides a metadata-driven architecture for creating and customizing apps without writing code



Rich ***component-focused*** no-code design environments



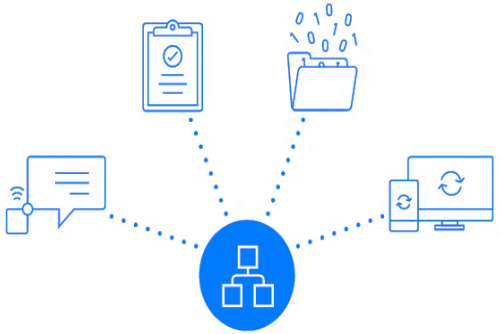
Easily add ***Business rules*** and ***Business process flows*** to model your business processes



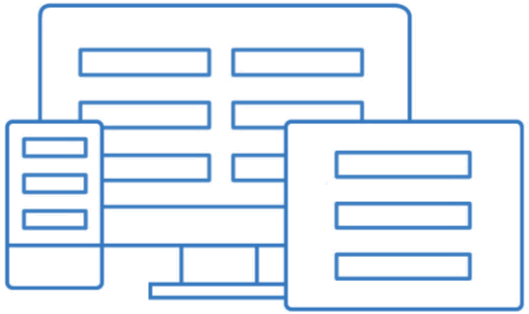
Complex ***responsive apps*** on web and mobile

Power Automate is a service for automating workflows across apps and services

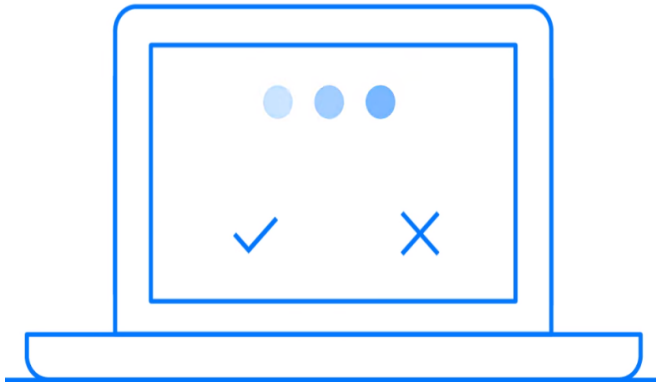
Connect to data & systems you're already using; create the data you need



Create workflows using triggers & actions without code or scripts

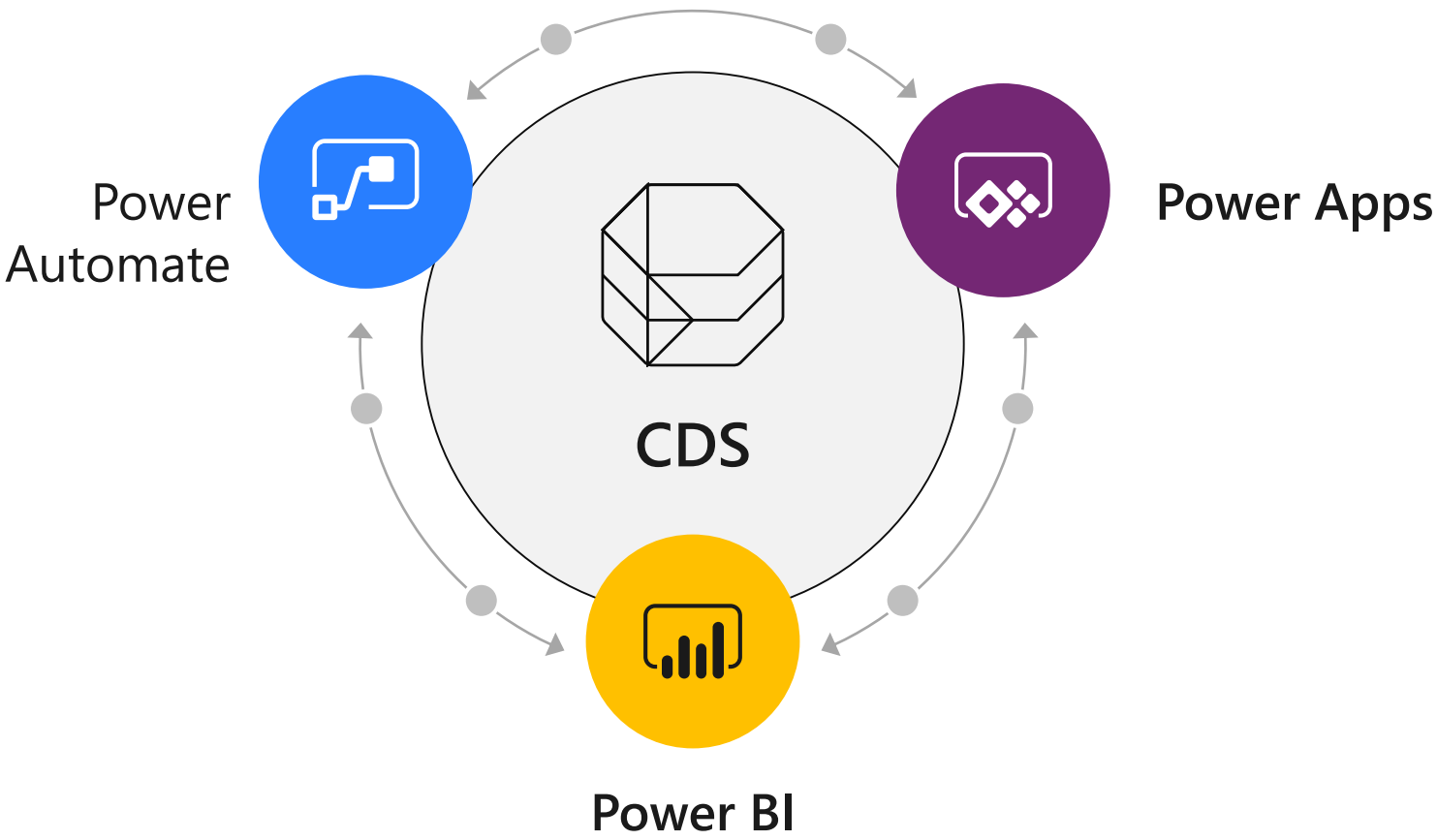


Edit flows on web and mobile



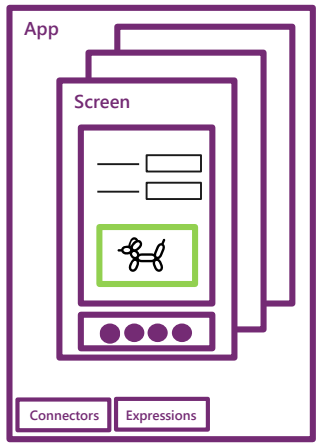
Approve requests or manage them on web and mobile

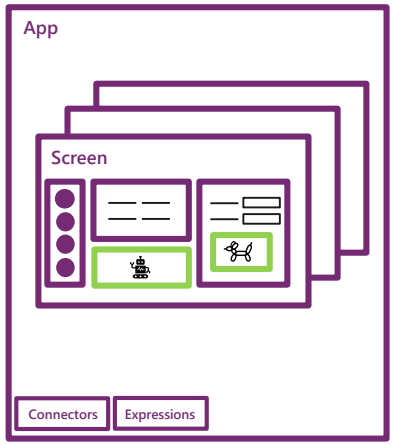
The road ahead

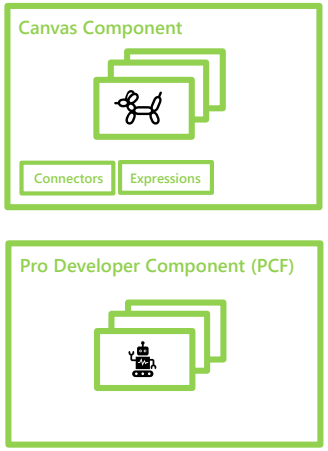


Converging App Types

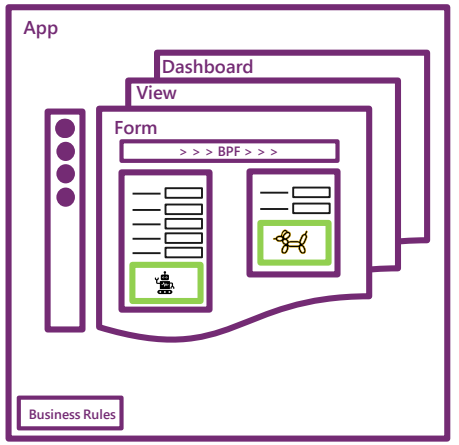
Canvas Apps







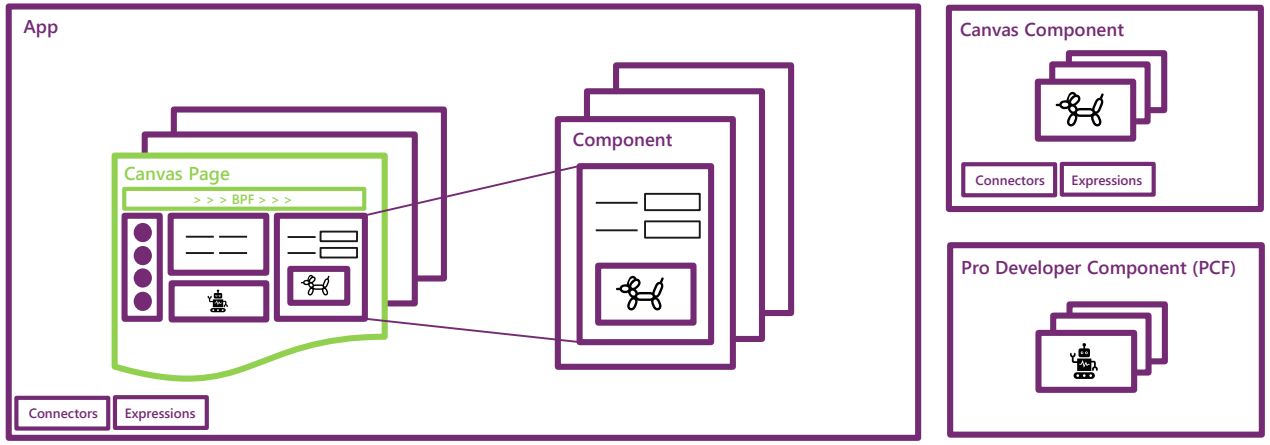
Model Driven Apps



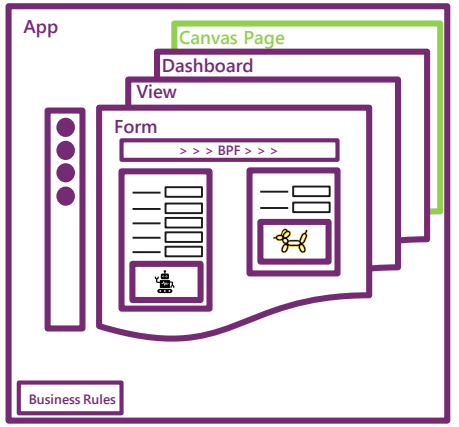
+ Reusable Canvas Components in Canvas and Model Driven Apps
+ Pro Developer Components (PCF) in Canvas and Model Driven Apps

Converging App Types

Canvas Apps



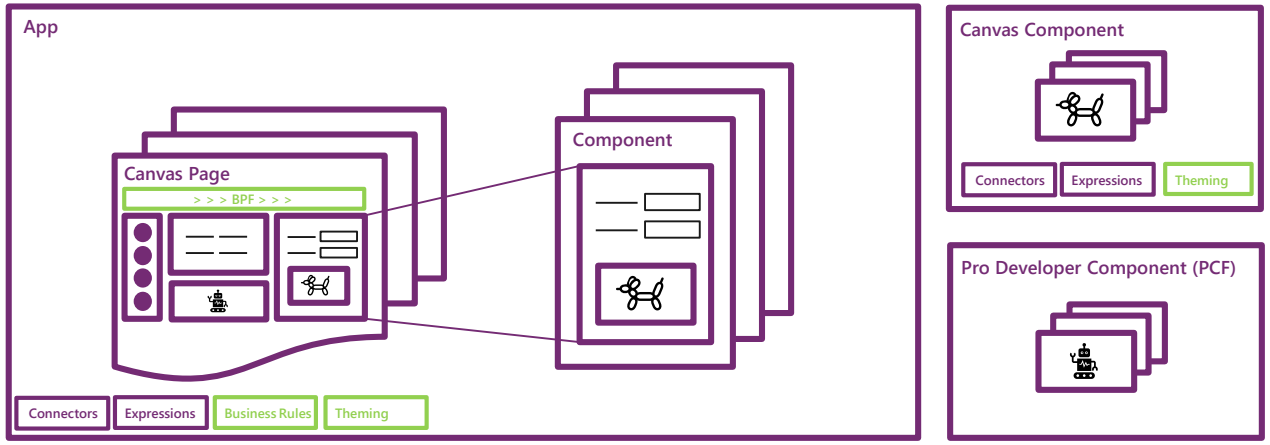
Model Driven Apps



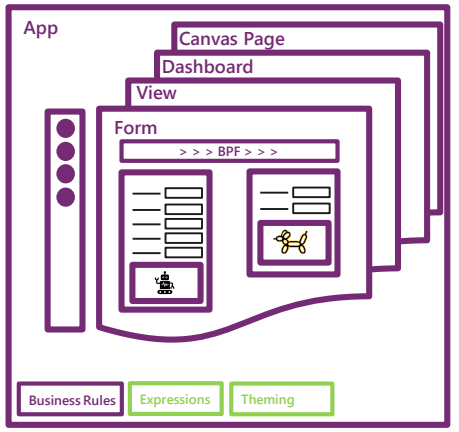
+ Responsive, reflowing Canvas Pages
+ Seamless navigation between UCI and Canvas Pages
+ Improved runtime (Performance, Limit JS Code, Improved embedding)

Converging App Types

Canvas Apps



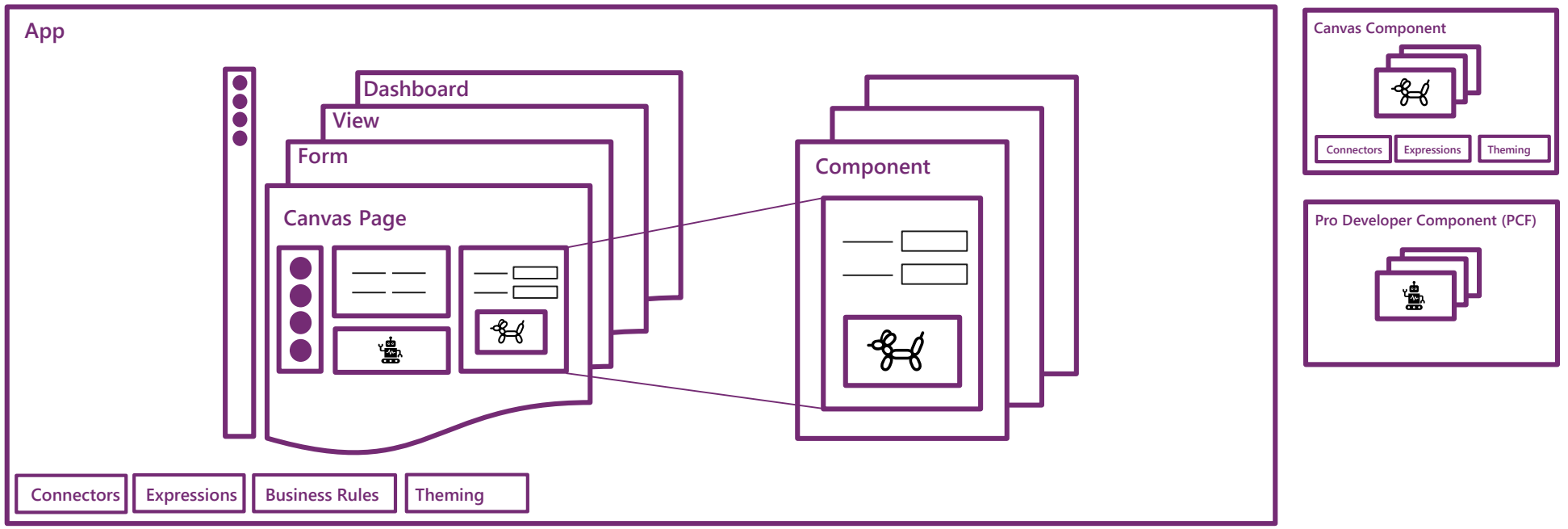
Model Driven Apps



+ Process Control (PCF) across Canvas and Model Driven Apps.
+ Business Rules for Canvas.
+ Expressions for Model Driven Concepts (Rules, Calculations, Forms, etc).
+ Common theming across Canvas and Model Driven Apps.

Converging App Types

Power Apps



+ Converged Maker and User experiences for apps
+ Existing and new apps moved to common designer
+ Marketplace for component distribution and discovery

We would like to hear from you

Event feedback

http://aka.ms/AIADSurvey

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Resources

PDF version of today's slides: http://aka.ms/appinadaySlides

PowerApps: http://aka.ms/powerapps-resources

Power Automate: http://aka.ms/flow-resources

Blog > Case Studies > Common Patterns > Getting Started > Study Paths > Tutorials

PowerApps and Microsoft Flow: Learning Resources

Saurabh Pant, Principal Program Manager, Monday, April 1, 2019

As members of the PowerApps and Microsoft Flow Customer & Partner Success team, we often get asked for a summary of resources to share with customers on their Power Platform journey. Below is a set of links we've curated to help novice, intermediate and advanced users as they take this journey with us. The shortcut for this blog post is https://aka.ms/PowerAppsResources.

I am NEW, help me get started

- The Microsoft Power Platform: Empowering millions of people to achieve more – blog post by James Phillips | Satya Nadella at Inspire 2019
- Latest updates – April 2019 Virtual Launch event | Product update & demo by Charles Lamanna
- Overview websites: Power Platform | PowerApps | Microsoft Flow | Power BI | Ignite 2018 presentation
- Create your first: PowerApps Canvas App | Model-driven app | Microsoft Flow | Power BI dashboard
- Sign-in and explore samples and templates – PowerApps | Microsoft Flow
- Step by step labs: App in a Day | Flow in a Day
- Browse documentation – PowerApps | Microsoft Flow | Common Data Service | Connectors
- Useful PowerApps reference – Controls and properties | Formulas
- Common Data Service – documentation | Why CDS? (presentation)
- Microsoft Flow – more learning resources

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