

The future of InfoPath and SharePoint Forms

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- Industry Expert
- Founder of Hawaii SharePoint User Group
- Two Sessions
 1. SharePoint App Developer Critical Skills Jumpstart
 2. **The future of InfoPath and SharePoint Forms**

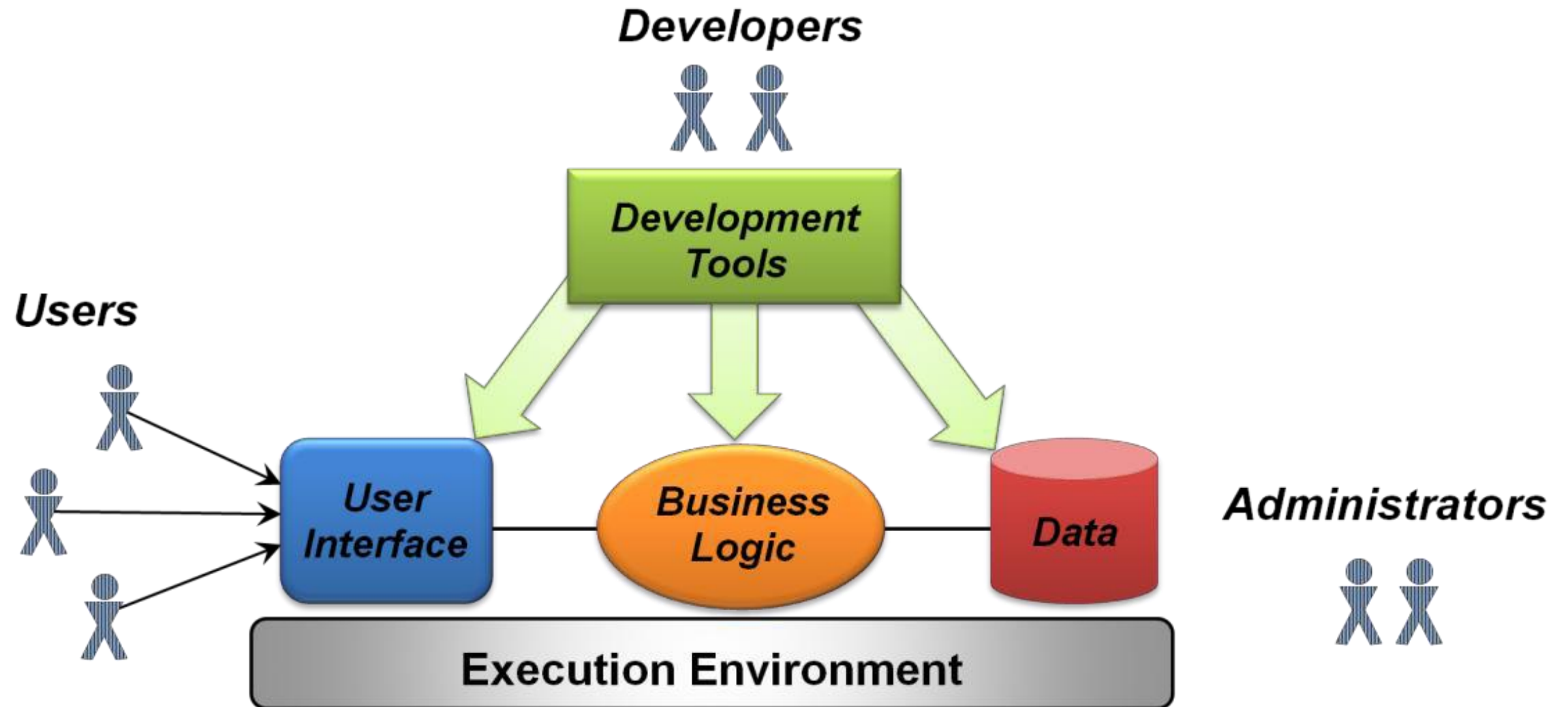
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Agenda



- SharePoint Developers
- InfoPath and SharePoint Forms
- InfoPath and SharePoint Forms Roadmap
- ASP JavaScript forms

SharePoint Developers



InfoPath Form

- InfoPath 2013
- Forms Services

Form Solutions

- Web Forms
- Custom List Forms
- Workflow Forms

Demo

InfoPath and SharePoint Forms

InfoPath and SharePoint Forms Roadmap



Explore InfoPath 2013



Learn about Access 2013



Get started with the Cloud App model

<http://dev.office.com>



Explore using TypeScript in SharePoint Apps

<http://aka.ms/spc239typescript>

Form Solutions

- InfoPath Supported Until 2023
- Access Services
- **ASP JavaScript forms**
 - Web Forms
 - Custom List Forms
 - Workflow Forms



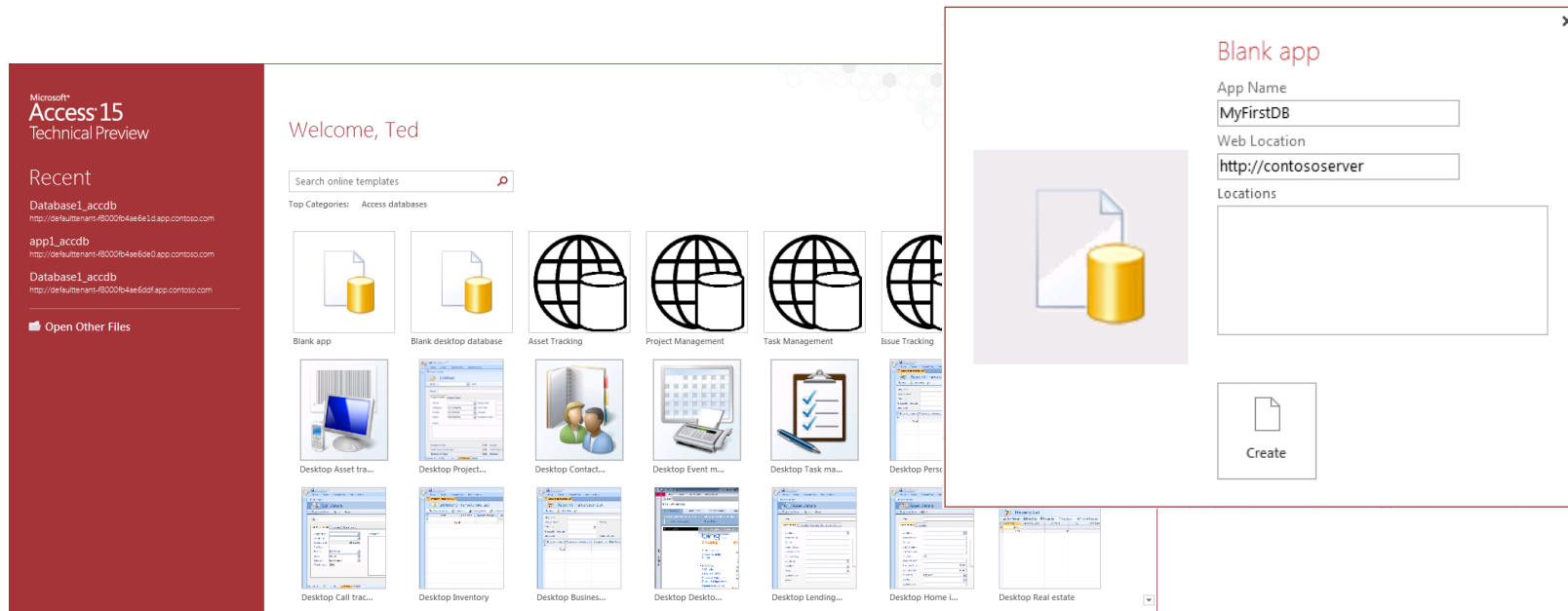
Access 2013

Creating an Access 2013 Form App

Access 2013 provides Blank App Database Template

Starting point SharePoint App with a SQL Server Database backend

Access 2013 plays the roles of both database and app designer



Access Apps = SharePoint Apps

- Same cross-browser support
- Same Active Directory-based permissions
- Same SharePoint Store and App Catalogue for distribution and discovery
- Same simple install/uninstall
- Same central IT control
- Same branded and customizable themes
- Same cloud-based hosting through Office 365

HTML Forms

- Access 2013 forms created using HTML
 - Forms editor makes it possible to drag-and-drop fields
 - Automatic generation of navigation, forms and buttons
 - Apps automatically have an attractive, easy-to-use interface
- Tools for building forms
 - Validation Rules
 - Custom Actions
 - Multiple Views
 - Conditional Logic

The Form Designer

The screenshot displays the Microsoft Access Form Designer interface for a form named "Customers List" based on the "MyAccessDatabase" database. The form layout includes fields for "Picture", "Job Title", "Home Phone", "Address 1", "City", "ZIP/Postal Code", "Web Page", "Group", "First Name", "Last Name", "Company", "Work Phone", "Mobile Phone", "Address", "State/Province", "Country/Region", and "Notes".

The "Field List" pane on the right shows the available fields for this view, with "ID" highlighted. The fields listed are: ID, Picture, First Name, Last Name, Company, Email, Job Title, Work Phone, Home Phone, Mobile Phone, Address 1, Address 2, City, State, ZIP, Country, Web Page, Notes, Group, and Display Name First Last.

A context menu is open over the "First Name" field, showing the following options:

- Control Name: First NameTextBox
- Control Source: First Name
- Default Value: (empty)



Web Form Apps

SharePoint App Model

Fully supports cloud App model

Apps are granted permissions to SharePoint via OAuth

Apps communicate with SharePoint via REST / CSOM

Apps can be acquired via centralized Marketplace

Web Form Benefits

Forms requiring custom code can be written in familiar tools and languages

Cross-device capable when leveraging responsive design with HTML5, CSS and JavaScript

Ramp-up time for new SharePoint developers is greatly reduced

Easier to upgrade to future versions of SharePoint

Types of Form Apps

Immersive
(Full Page)



App Part



Extension App
(Custom Action)

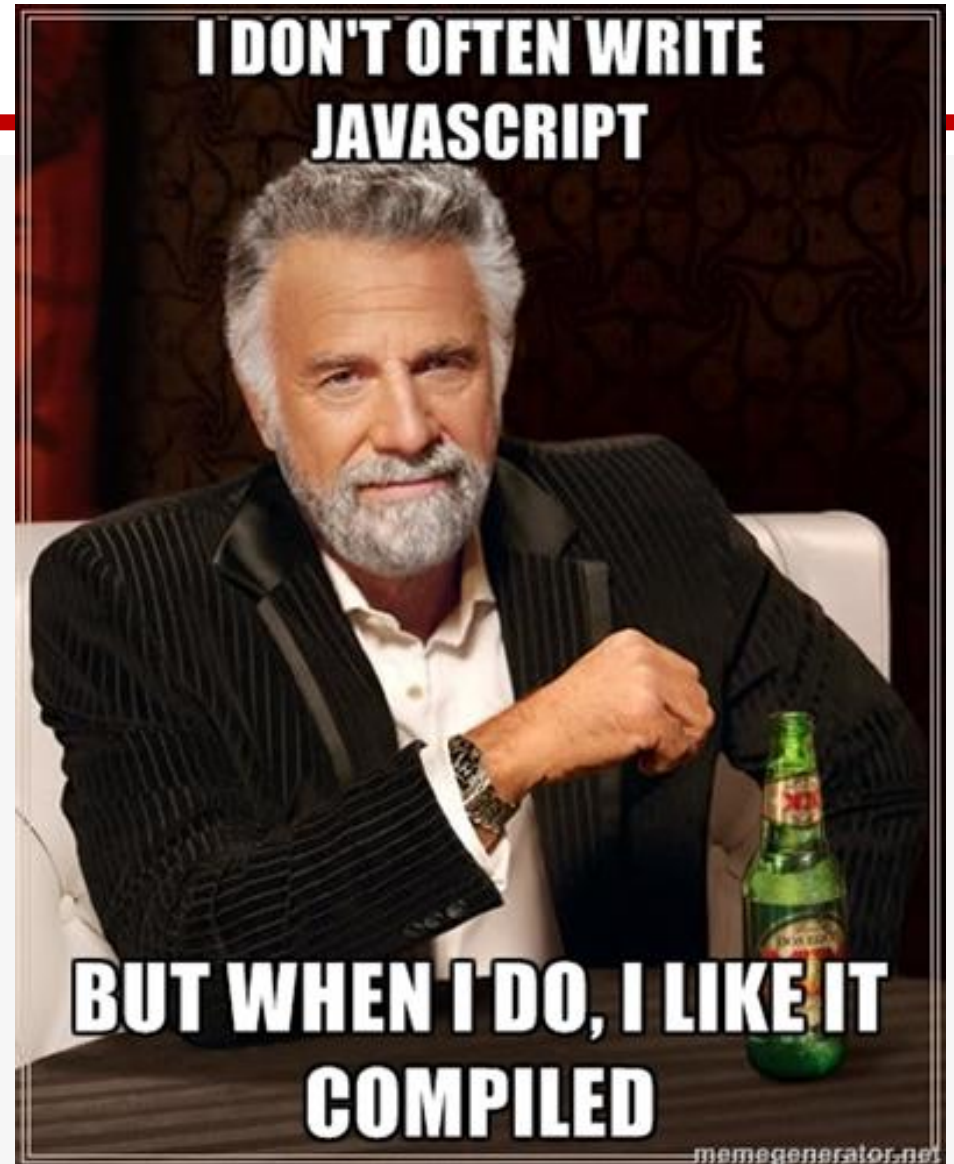


Demo

- Web Forms
- Custom List Forms
- Workflow Forms

TypeScript

- <http://www.typescriptlang.org>
- [Download the plugin](#)



Future of SharePoint Dev (SP2013+)

New App Model!

JavaScript CSOM

REST

.NET Managed CSOM

JavaScript for
custom fields and
view
customization

JavaScript HTML
templating for
out of box Web
Part UI
customization

Thank you!

