

Platform Overview

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Many thanks to our sponsors!







Powell 365

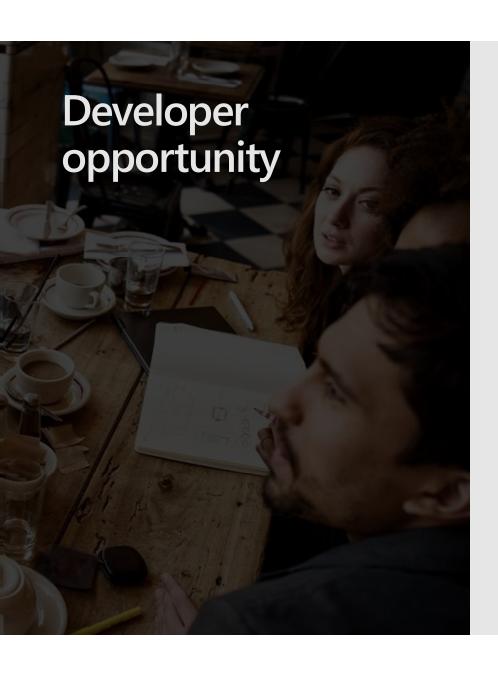


Companion Article

https://link.bobg.tv/lgniteDevReview

Links to watch deep dive sessions from Microsoft Ignite





Users

100M + monthly active commercial Office 365 users

35% growth in O365 commercial seats

90% of Fortune 500 have the Microsoft Cloud

Data

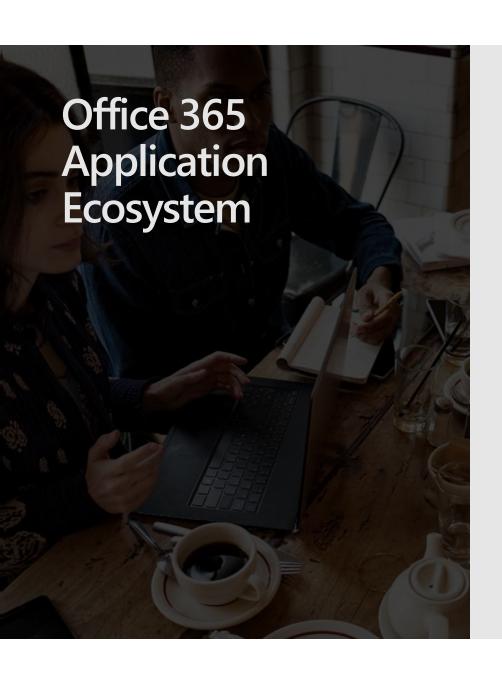
4T+ emails sent with Office 365

3B minutes of Skype calls daily

2B+
meetings created
per month

Intelligence

8T+ nodes in the Microsoft Graph



Apps

15K+ new apps created to connect to O365 monthly

Usage

>250K centralized add-in deployments

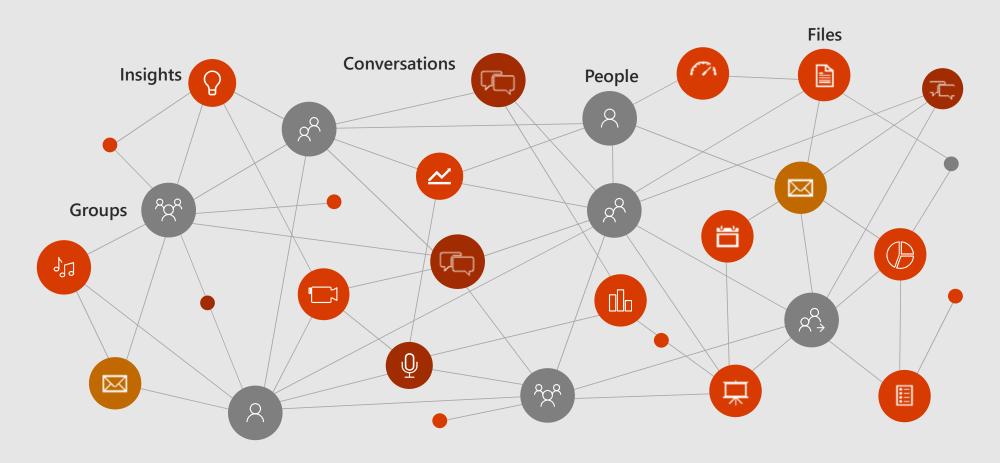
400% growth in share of users with 3rd-party app

>200%

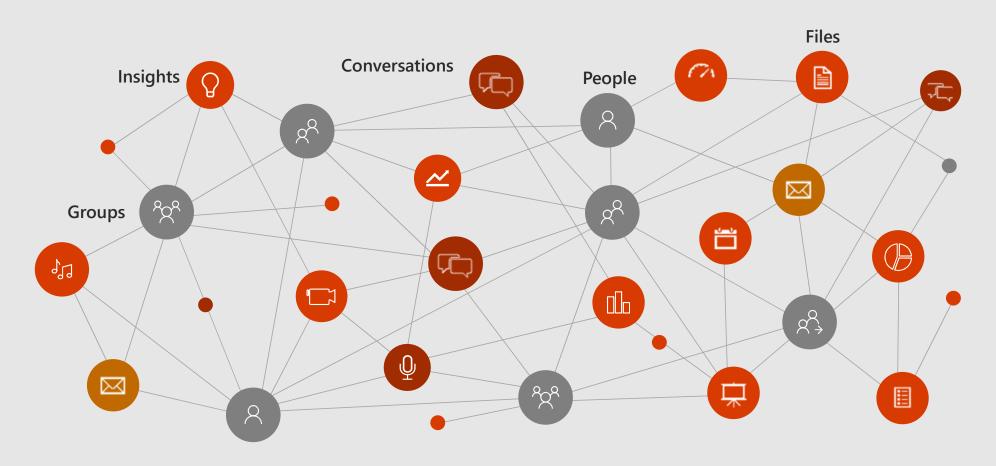
increase in monthly active users of 3rd party Microsoft Graph applications in last year

Office 365 as a Platform Packaged Solutions PowerApps and Flow Reference Custom solutions development

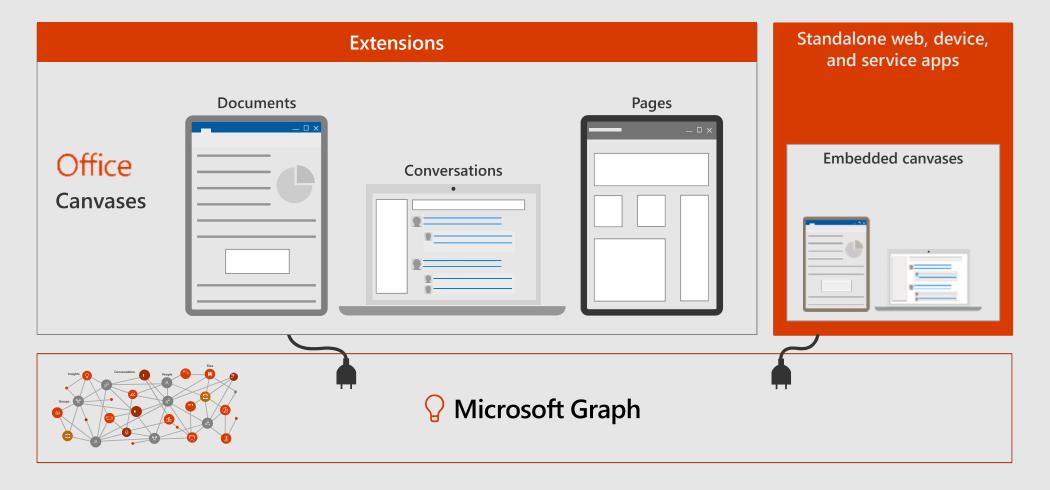
Microsoft Graph



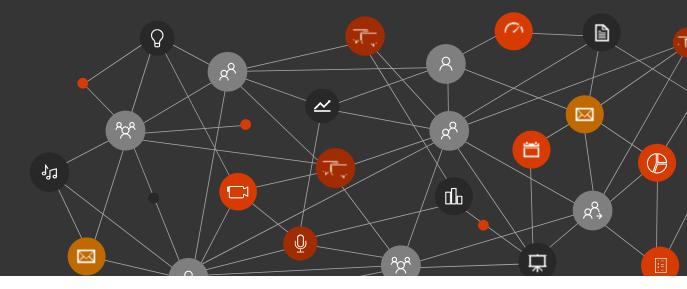
Microsoft Graph



Office 365 Platform



Microsoft Graph



Emerging Patterns with MS Graph



Smart Pickers



Graph-Connected Devices



Graph-Powered Bots



Intelligent Business Process

Rich context

Is this person out of the office?

Who is their manager?

Where do they need to be next?

What documents have they been working on recently?

Deep insights

What documents are most interesting to this person?

What's the best time for this group of people to meet?

Who should this person contact for info on this topic?

Real-time updates

Reschedule meeting when a conflict appears

Notify owner when a file is modified

Continue a process immediately after approval mail is received

DemoMicrosoft Graph Explorer

https://link.bobg.tv/GraphExplorer



Make your solution part of Office canvases

Extend Office applications across platforms using web technologies

Web technologies















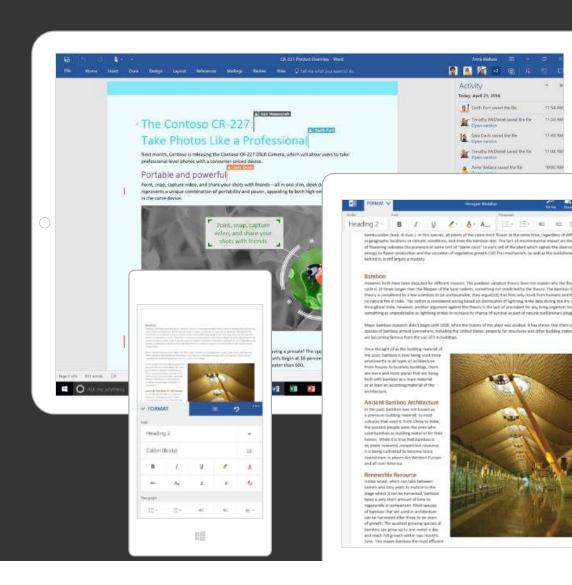
Cross platform



Modern distribution

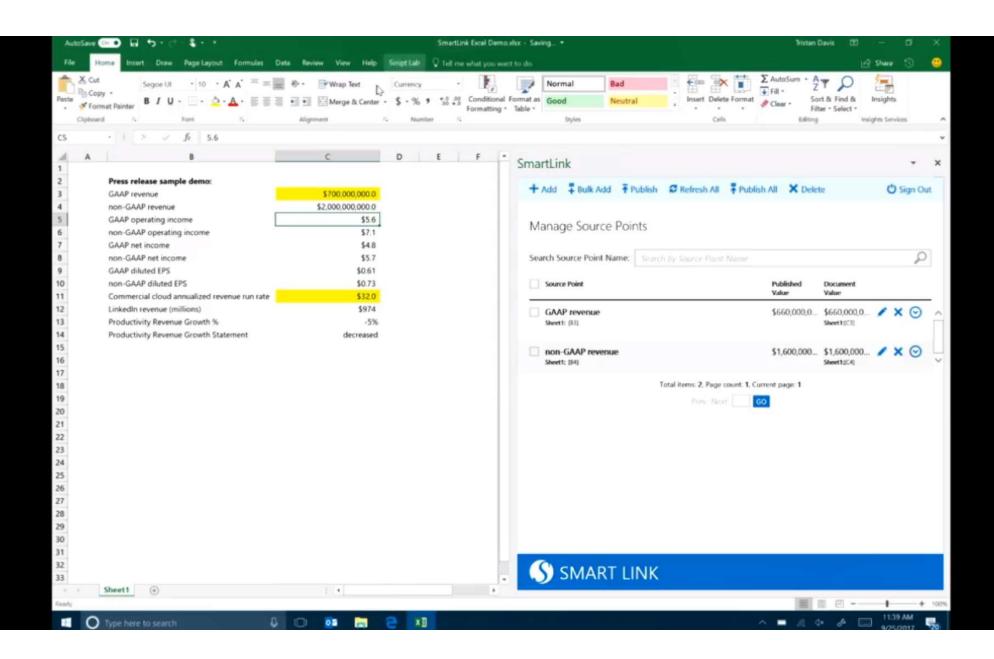


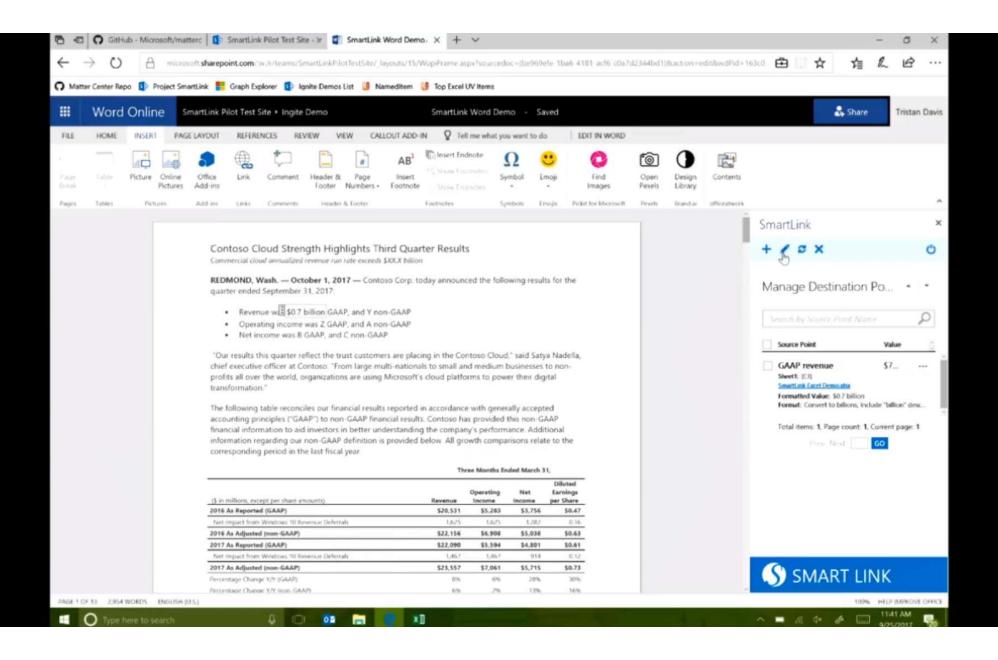
Document Canvas

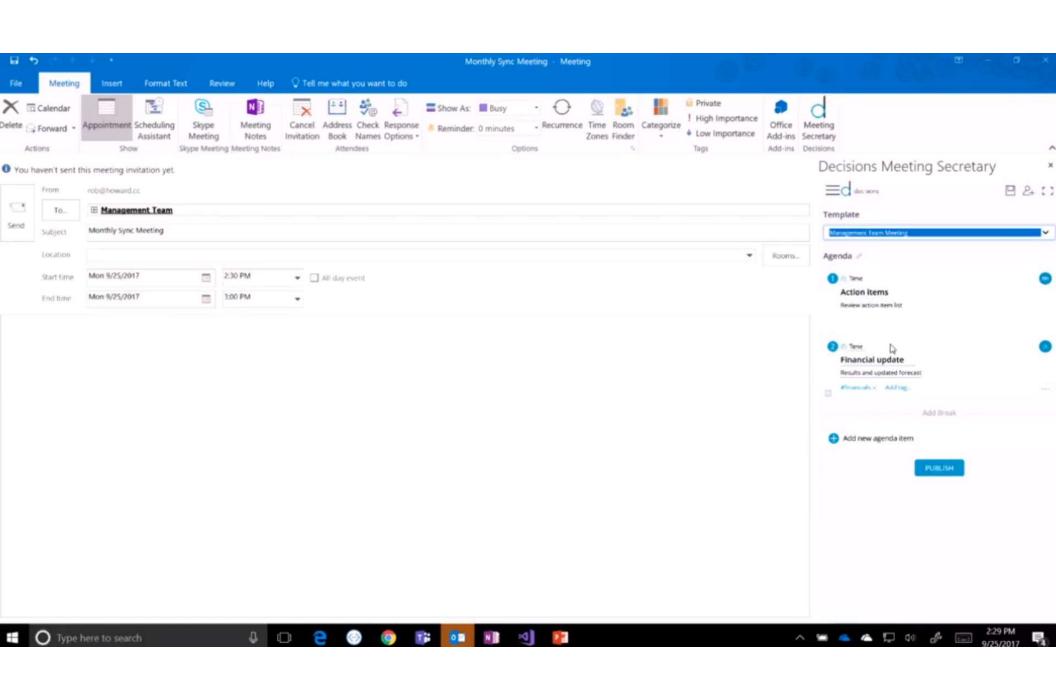


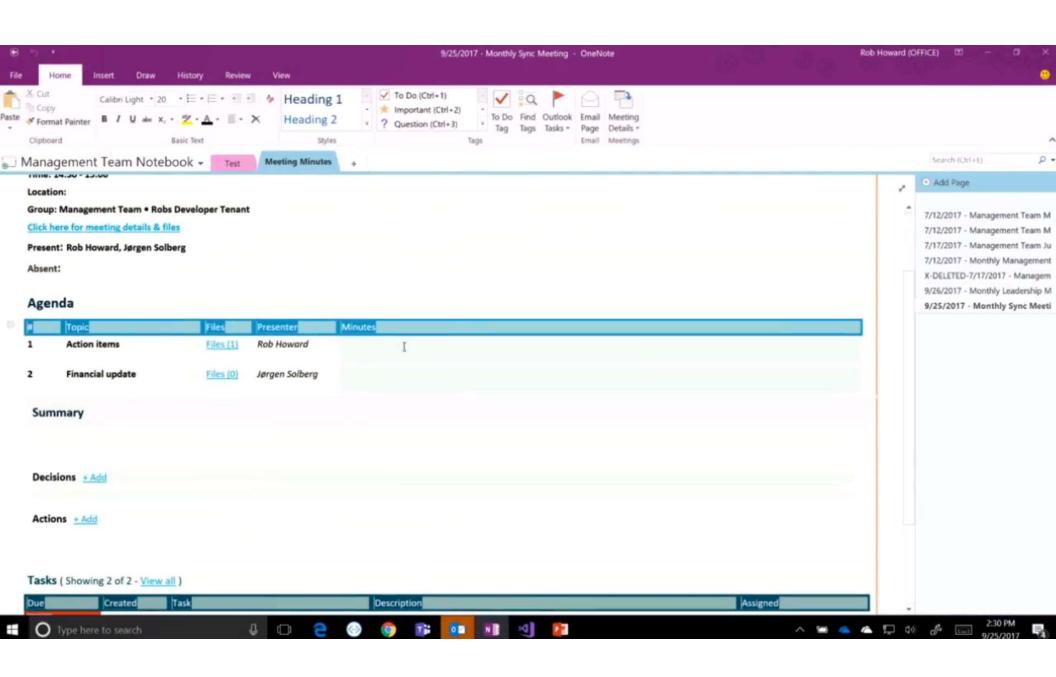
Document Canvas





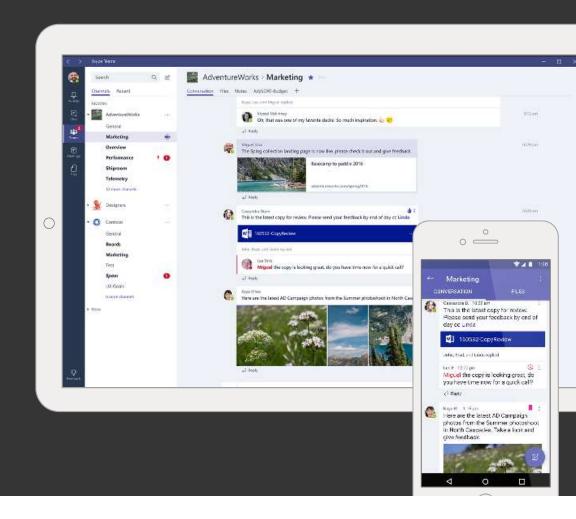




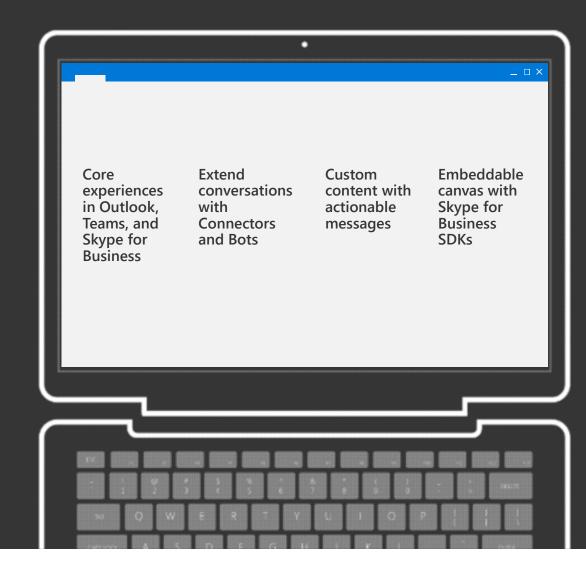


DemoScript Lab Add-In

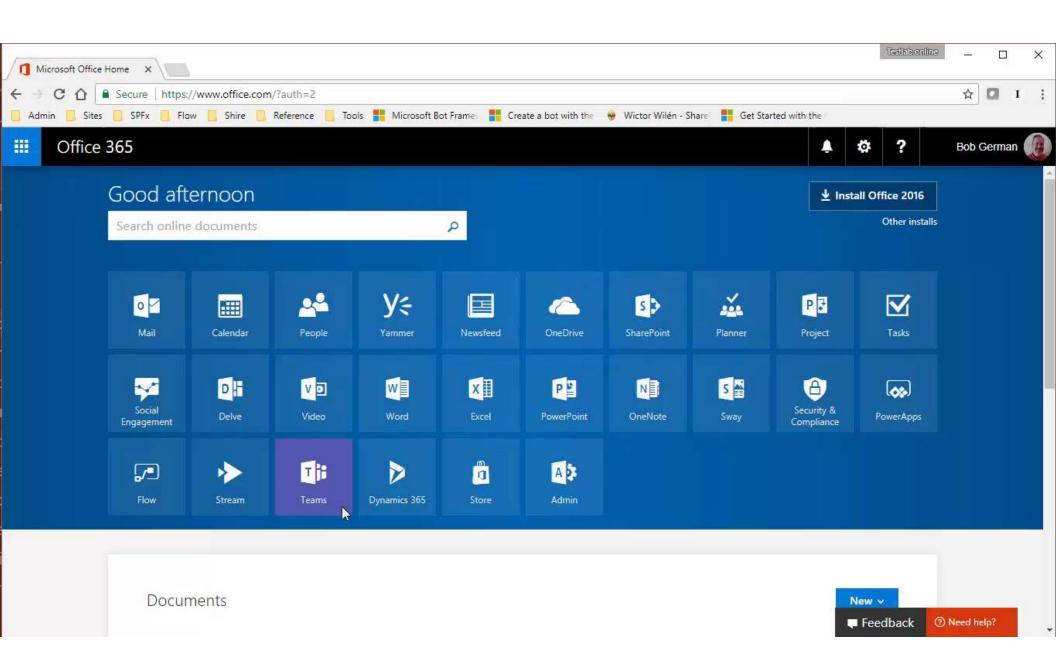
Conversation Canvas



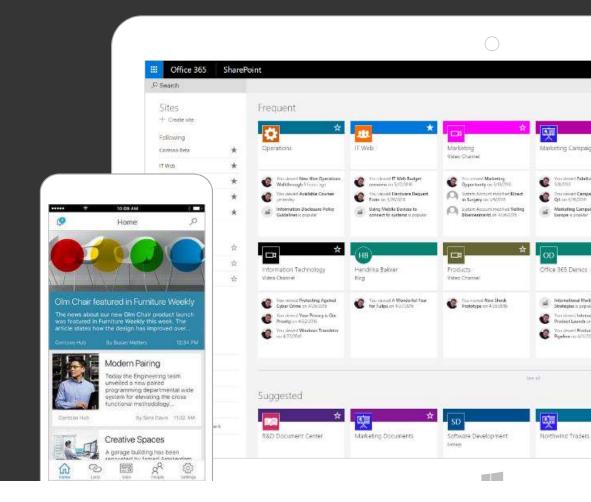
Conversation Canvas



Demo Bots in Microsoft Teams



Page Canvas



Page Canvas



A Geological View of SharePoint

Add-in Model

JSLink, Display Templates

Custom Actions (JavaScript)

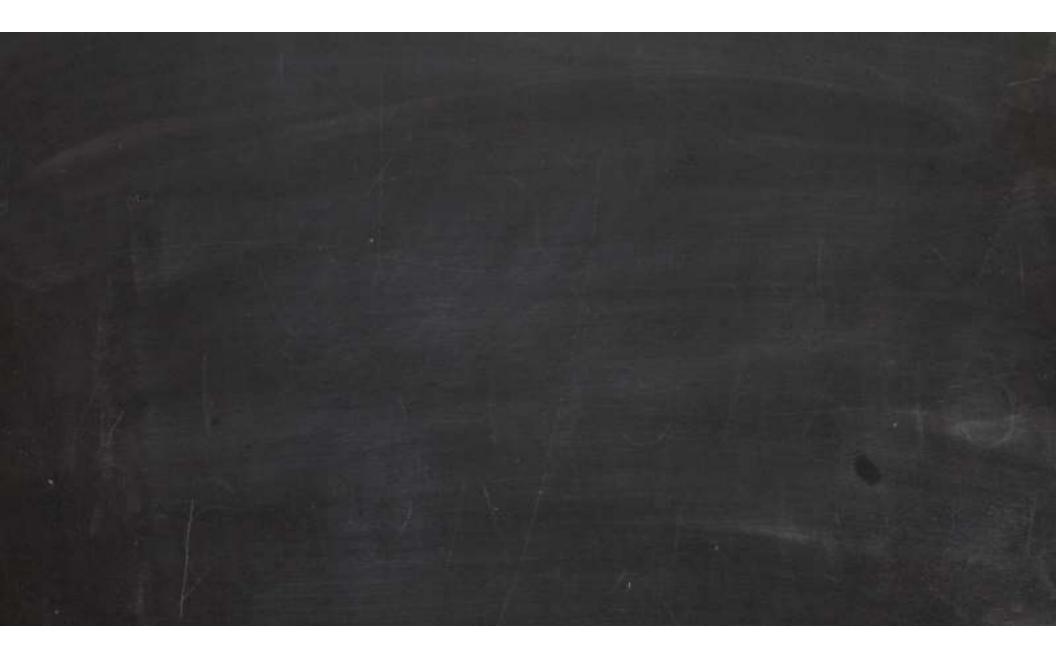
XSLT

SharePoint Page Models

ASP.NET AJAX, Scripting On Demand

ASP.NET WebForms





SharePoint Framework (SPFx)

- New client-side page and web part model
- Modern and responsive allows "mobile first" development for SharePoint
- SPFx web parts work on both classic and client-side pages
- First-Party Web Parts
 Image, Document, O365 Video, Content Embed, Highlighted Content, News Headlines, News List, Quick Links, Site Activity, Yammer Feed
- It's still early! Open questions:
 - How will branding work?
 - How flexible will the page layout be?
 - · What additional web parts will be available?

Comparing the Models

	Add-in Model	SP Framework
Mobile-ready		
Direct access to page (e.g. Connected Web Parts)		
Ease of Data Access		
Ease of Upgrade (of your solution)		
Protection from Untrusted Code		
Storefront Distribution		

SharePoint Framework Tools

Links are case sensitive!

	Trad	New	
Templating	Visual Studio 🔀	Yeoman	http://bit.ly/SPF-Yeoman
Language	C#, JavaScript	Typescript Ts	http://bit.ly/SPF-TypeScript
Runtime Env't	.NET, JS	Any JS Framework JS	http://bit.ly/SPF-JSFrameworks
Code Editor	Visual Studio 🔀	Visual Studio Code (or your choice)	http://bit.ly/SPF-VSCode
Packages	nuget	npm node TIME	http://bit.ly/SPF-npm
Task Runner	Visual Studio 🔀	Gulp node 6	http://bit.ly/SPF-Gulp
Compiler	Visual Studio 🔀	tsc node TS	http://bit.ly/SPF-TypeScript
Bundling	Visual Studio 🔀	WebPacknode® 📵	http://bit.ly/SPF-WebPack

In reviewSession takeaways

Office 365 is a rich platform for building rich collaboration and productivity solutions

Graph API provides one-stop access across O365 features

User Experiences within O365:

- · Document Canvas Office Add-ins
- Conversation Canvas Bots and Actionable Messages
- Page Canvas SharePoint Framework

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