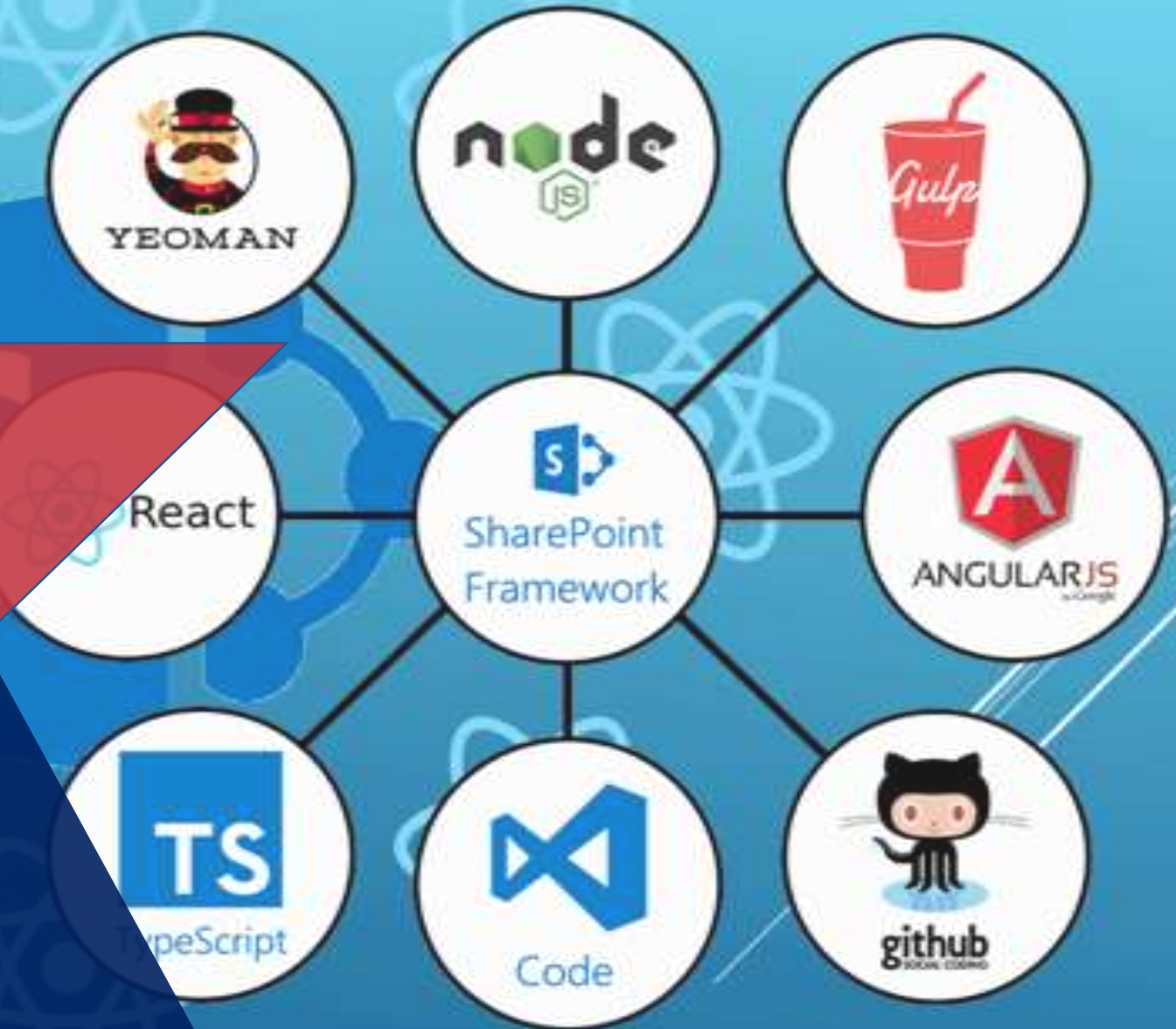




Webinar Series

SharePoint Framework Deep Dive





Build Microsoft Teams Customizations with SPFx

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Agenda

- Introduction
- Current State SPFx and Teams
- What we expect
- Surfacing
- Demo





Introduction

Overview of Microsoft Teams Development



Overview

- MS Teams provide extensibility points
- Development model & tools like SPFx Web Part
- Any web part can be used as a custom tab in MS Teams
- Deployment scoping options with SharePoint's existing infrastructure
- Tab executed in context of underlying SharePoint site behind each team
- Leverage SPFx-specific APIs and Functionalities
- How it works



Current State

SharePoint and Teams



SharePoint and Teams Current State



SharePoint Extensibility

Build modern SP Solutions

- Full-trust JavaScript based framework running in the main app
- Use modern authentication to integrate with Graph

SP Add-ins

- Provider-hosted based via iframes
- Low-trust, end user acquisition model
- Distributed via Office Store



Teams Platform

Build apps to custom tailor your teams

- Modern embedding via Tabs
- Enhance integration via Bots, Messaging extensions, Adaptive cards and Graph



What We Expect

As Users



What We Expect

End User

- Information the team cares about should be available regardless of the tool/workload
- Make it possible to bridge team collaboration and external communication

IT Admin

- Reduce the number of places and ways to manage and deploy solutions to end users

Developer

- Reach multiple workloads with a single solution
- Reduce number of developer concepts and experiences



- Enable users to collaborate around the same content in SharePoint and Teams
- Centralized Admin experience and tools, including LOB app distribution
- Common developer framework for building solutions targeting both SharePoint and Teams experiences



Surfacing SPFx



Deploy your existing SharePoint Web Part into Teams as Tab

Deploy your existing Teams Tab into SharePoint

This features available from 1.8 version.



Surfacing SPFx

Demo



Deployment

Deploy Teams app
package



Deploy Teams app package

- Option 1:
 - Let SharePoint Online App Catalog create manifest, package & deploy to Teams App Catalog
- Option 2:
 - Manually create Teams app manifest
 - Let SharePoint Online App Catalog package & deploy to Teams App Catalog
- Option 3:
 - Manual create manifest
 - Create Teams app package (ZIP package of manifest & images)
 - Deploy Teams app package (1) to Teams App Catalog or (2) directly to team or sideload



Thank You



SharePoint
Framework

Next up...

Extensions Overview

By Bijay Kumar Sahoo on 06-May-2020

