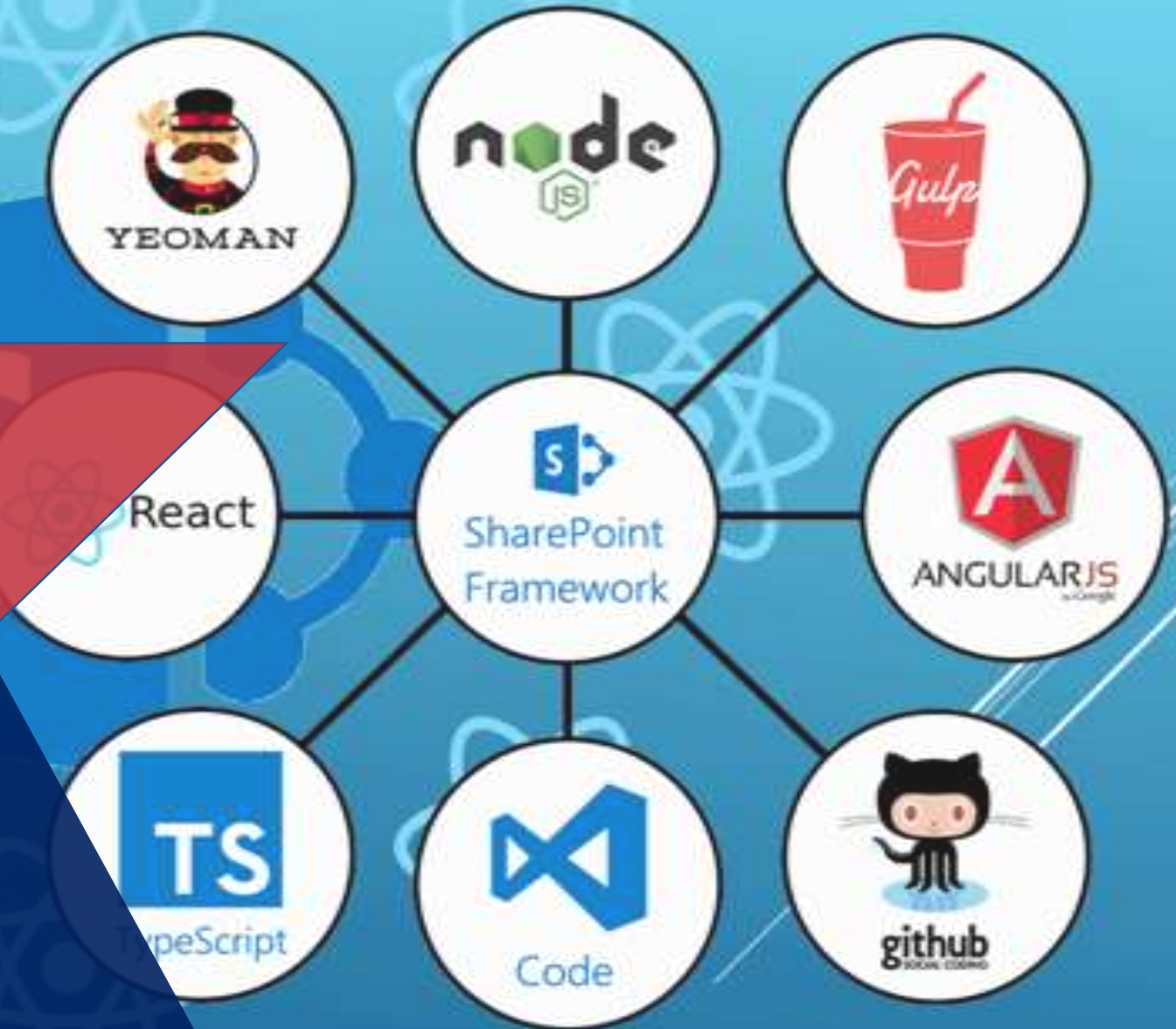




*Webinar Series*

# Getting Started with SharePoint Framework





# Introduction to SharePoint Framework

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# Agenda

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- Introduction
  - Why do we need the SharePoint Framework?
  - What is the SharePoint Framework?
- SharePoint Framework
  - Benefits
  - Modern toolchain & How it works
  - Future
- Intended Audience
  - Traditional SharePoint developers, web developers
  - No Previous experience with “modern web development” required

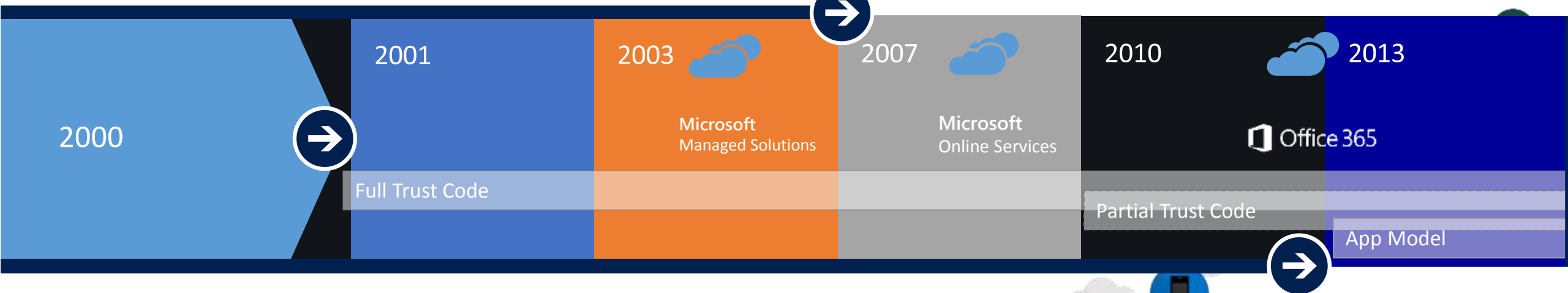


# Introduction

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Why do we need SPFx?





Sources:  
1. 451 Research, Hosting and Cloud Study, 2014



2016

Custom  
Presentation

Client Side and  
Open Source

UX Extensions

Client Side and  
Remotely Hosted

Data Access

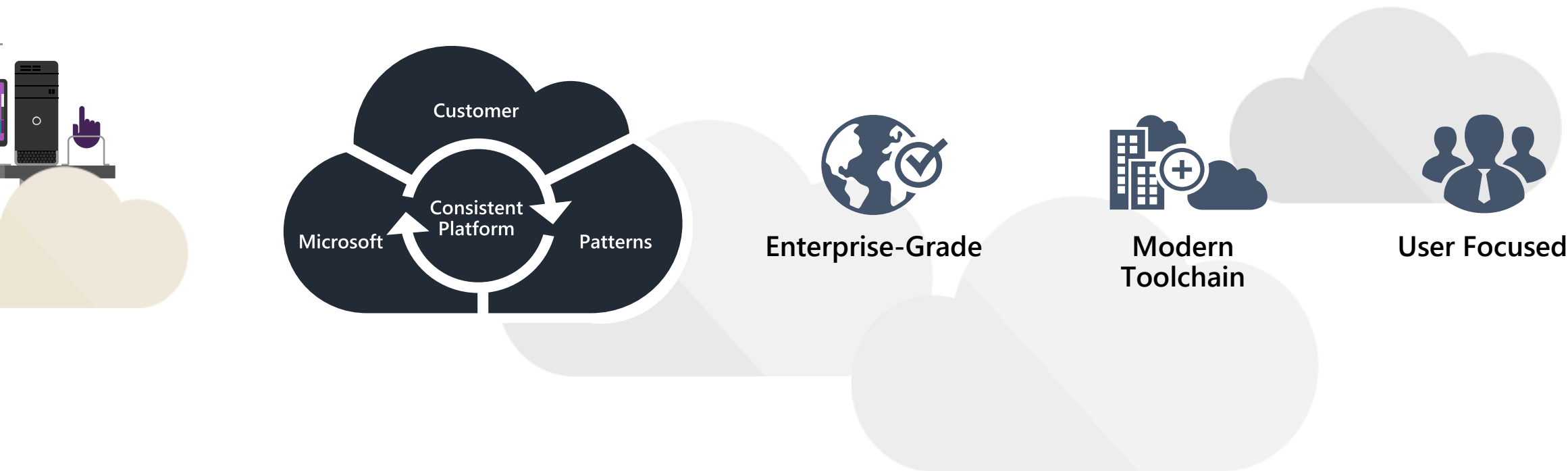
REST and Cleaner  
Contracts

Eventing

Web Hooks and  
Web Sockets

Solutions Host

Cloud SaaS and  
Client Side Logic





# Introduction

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What is SPFx?





# SharePoint Framework

Modern pages and  
Client web parts

Client side  
applications

A new development  
model

New deployment  
possibilities

The new SharePoint Framework is a new developer model accompanying the new SharePoint UX.

It's based on modern web development stack and for the first time ever Microsoft offers us a model that can be used on any platform with any JavaScript framework to build SharePoint customizations.



# SharePoint Framework

## Benefits



# Key Features of SPFx

- Provides full support for client-side customization
- Provide easy access to SharePoint Data
- Customizations run in current context
- Customizations responsive and accessible
- Development experience embraces web development stack
- Customization work in classic, publishing and modern pages
- First Party & Third Party
- End users can use SPFx client-side solutions that are approved by the tenant administrators (or their delegates) on all sites.



# SharePoint Framework

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Modern toolchain

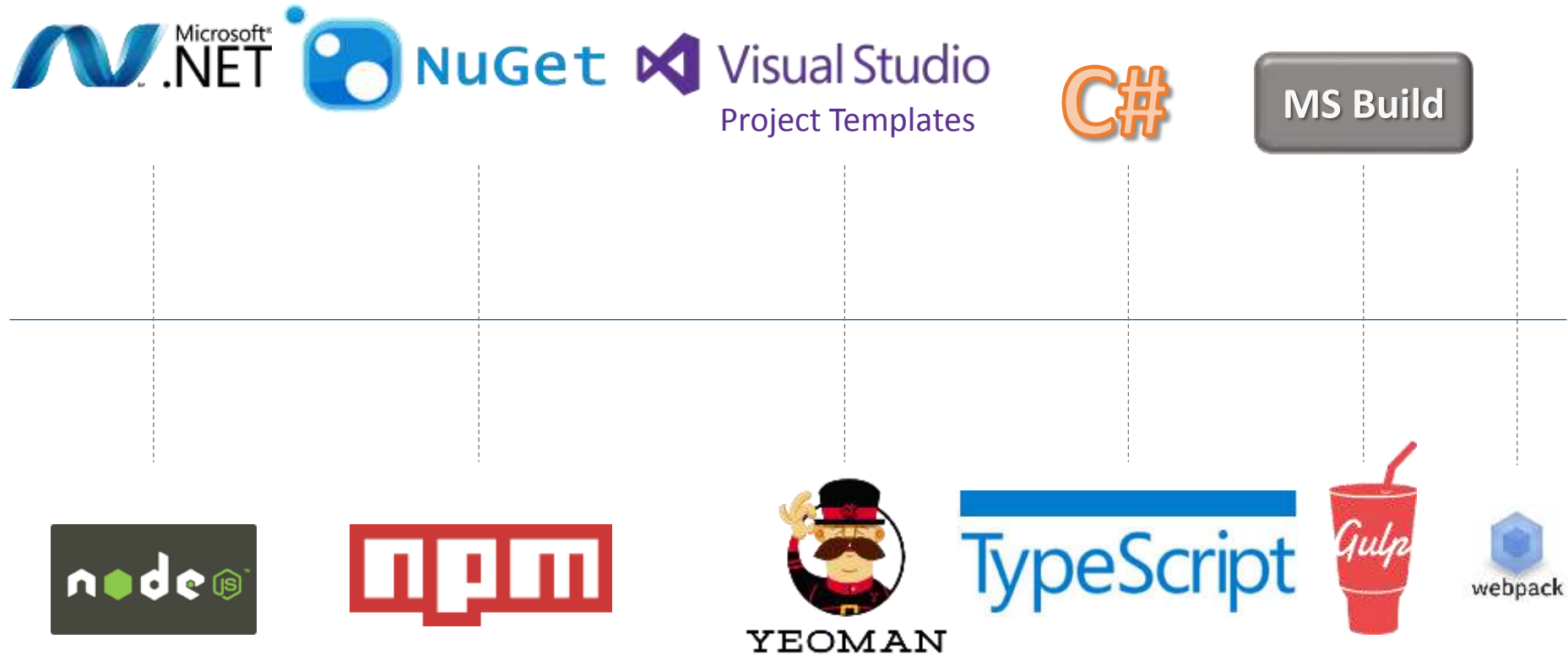


# Toolchain overview

- Node.js and NPM
- Yeoman
- Gulp
  - Automation
  - Platform-agnostic
  - Strong Ecosystem
  - Simple
- Webpack



# Development toolchain comparison



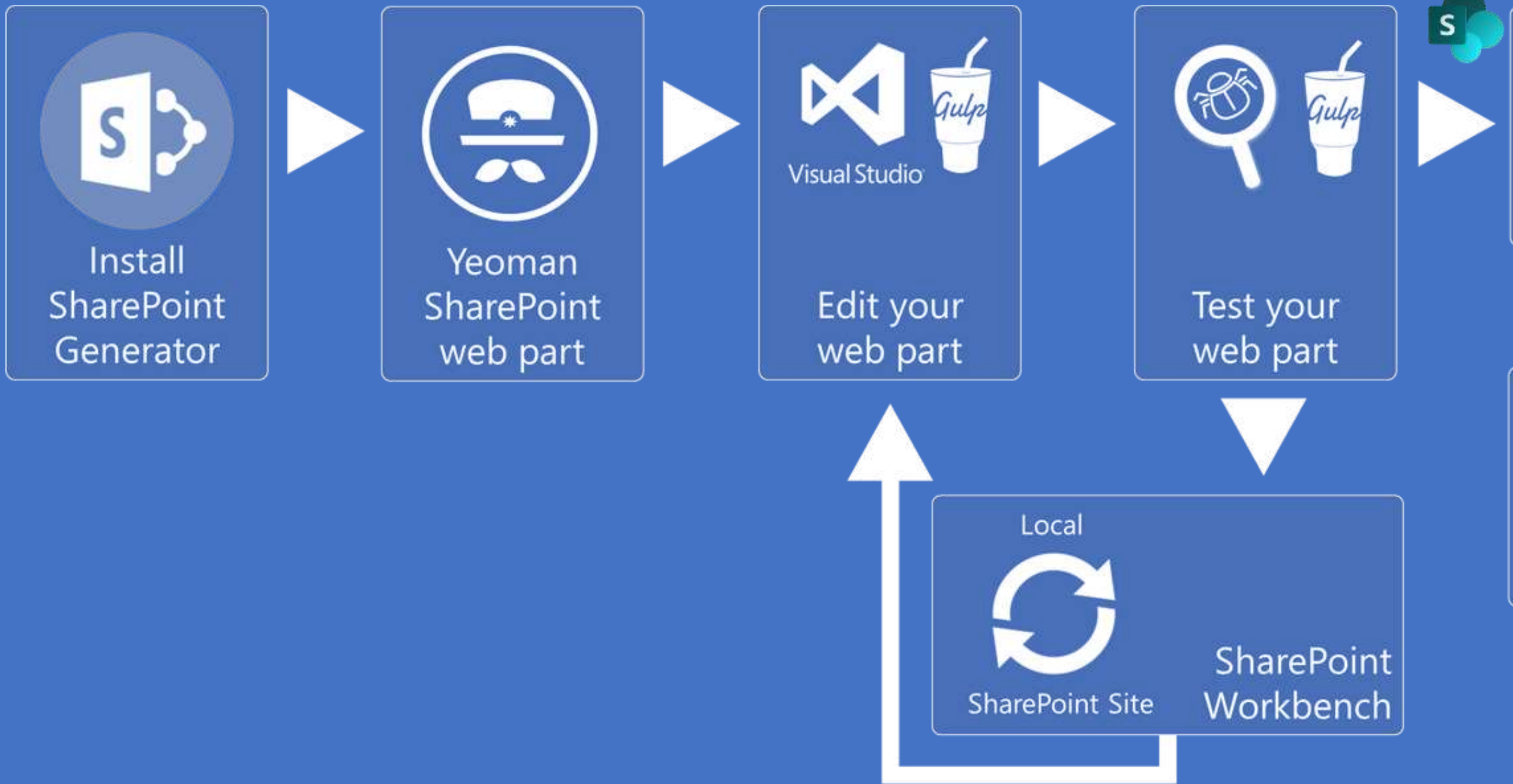




# SharePoint Framework

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How modern toolchain works







Ready  
to Ship?



Deploy assets  
to CDN



Ship it!

# TypeScript





# TypeScript

node JS™

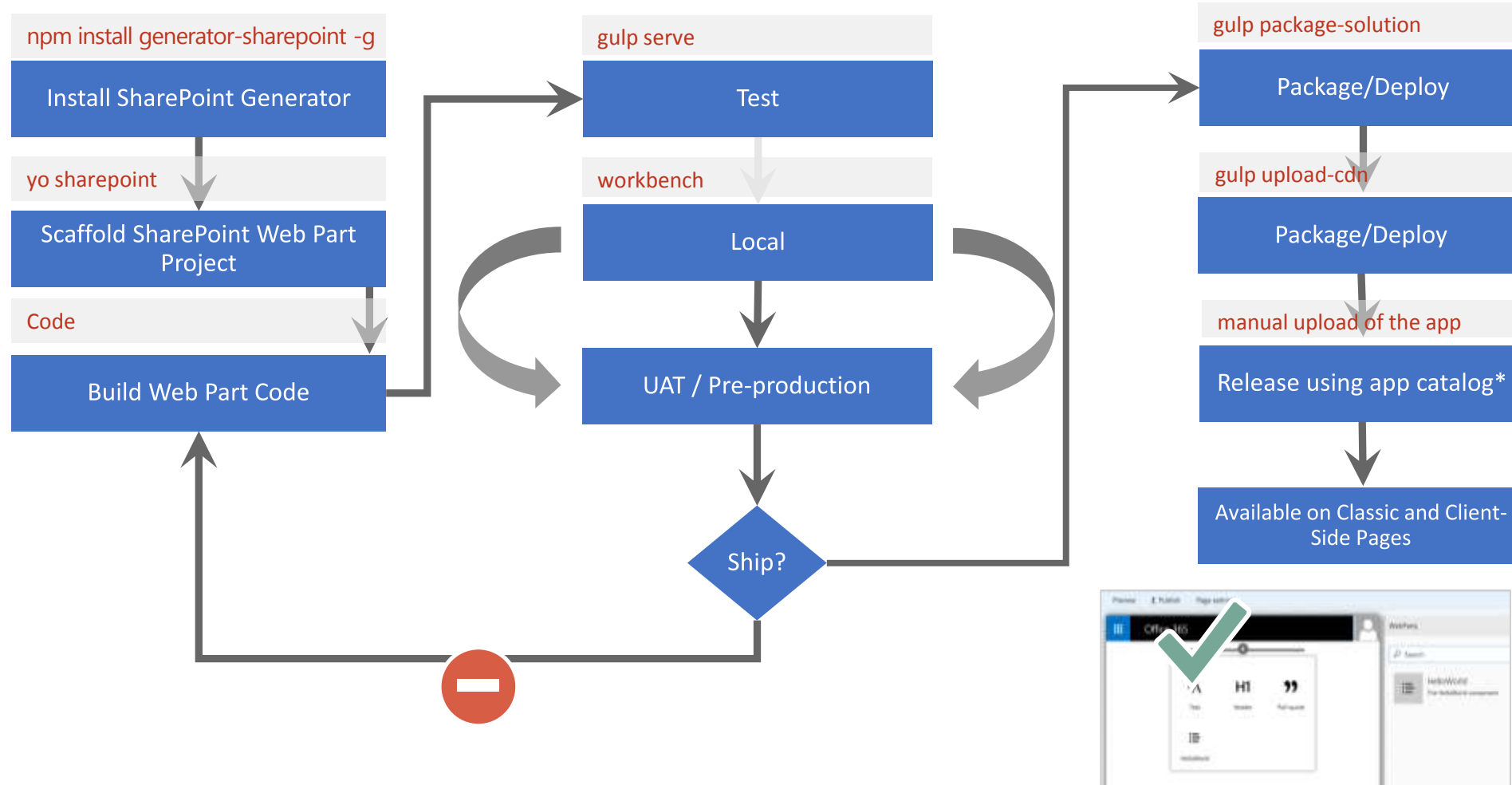


# SharePoint Framework

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## Web Part build flow







# Thank You



Next up...

# Setting up developer en

By Nanddeep Nachan on 08-April-2020

