

# Azure DevOps Projects

Presented by  
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<http://opn.to/a/AaBeH>

# Agenda

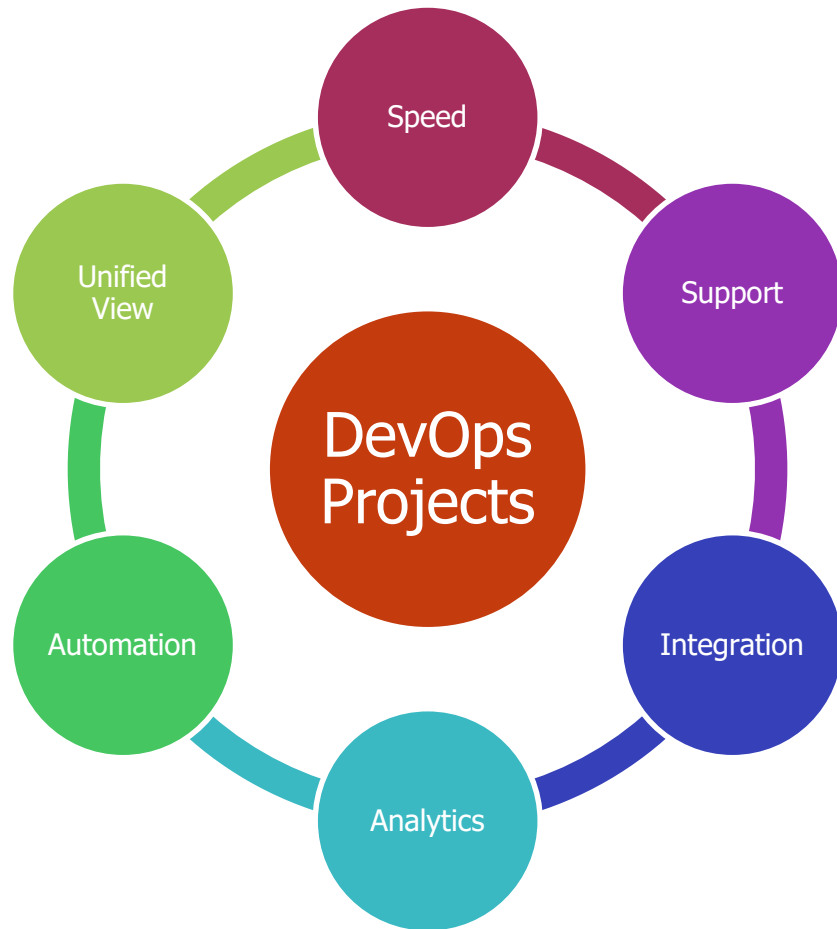
- Demo Time – Seeing is Believing
- The Azure DevOps Project Lens
- What Problem Does It Solve?
- Virtually Limit(less) Application Combinations
- Navigating The Lifecycle
- Demo – Put The Wheels In Motion And Show Change
- Summary
- Survey
- QA

# DEMO TIME

- ❖ How to create a DevOps Project in Azure
- ❖ Connecting and configuring the code repository
- ❖ Selecting your application framework
- ❖ Selecting the proper service to run it all on
- ❖ Configuration of VSTS and Azure resources



# The Azure DevOps Project Lens



- Get Running Quickly
- Supports Most Popular Frameworks
- Start Fresh or BYO Application
- Built In Analytics
- Full CI/CD Integration
- Consolidated Application View

# Virtually Limit(less) Application Combinations

## Runtimes

.NET

Node.js

PHP

Java

Static Website

Python

Ruby

Go

## Frameworks

ASP.NET

.NET Core

Simple Node.js

Express.js

Sails.js

Simple PHP

Laravel

Spring

JSF

HTML

Django

Bottle

Flask

Ruby on Rails

Simple Go

## Services

Virtual Machine

Kubernetes Service

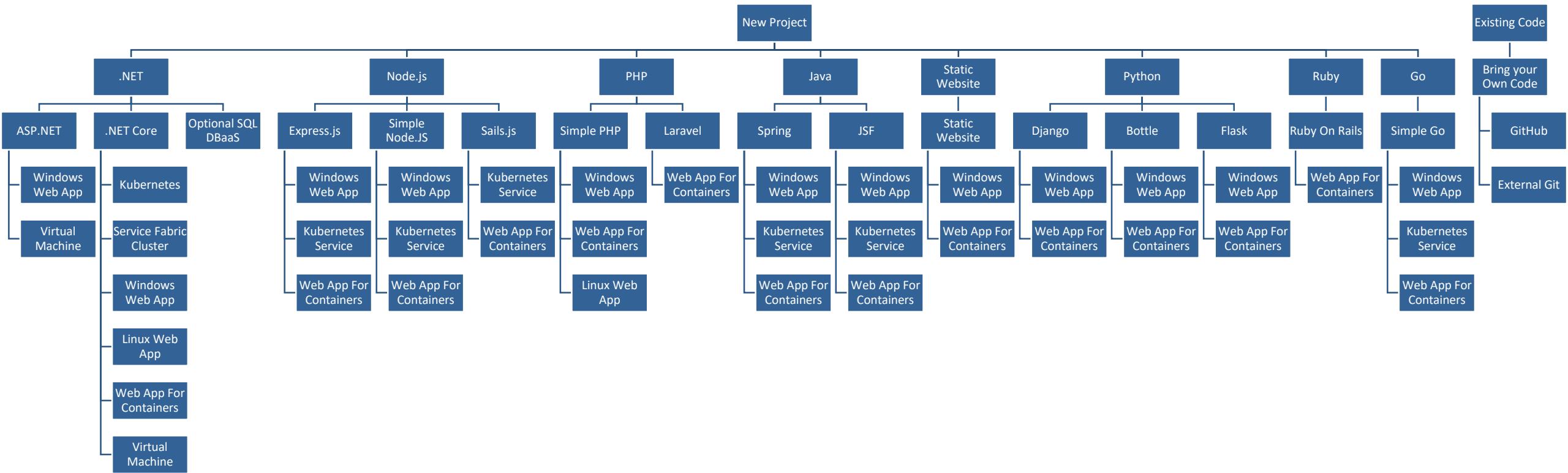
Web App For Containers

Service Fabric Cluster

Windows Web App

Linux Web App

# Virtually Limit(less) Application Combinations



**46 Million (Not Really, Just 46) Supported Application Combinations!**



## CI/CD Pipeline



### Code

devoops [master](#)



### Build

testdopapp - CI

Build 20180712.1 Succeeded 5 min ago



### Dev

testdopapp - CD

Release-1 Succeeded 1 min ago

## Repository

devoops

[Code](#)

## Azure resources

Application endpoint

<http://testdopapp.azurewebsites.net>

[Browse](#)

App Service



testdopapp



Running



Release-1

## Application Insights



testdopapp

20

0

SERVER REQUEST

21

FAILED REQUEST

-

5 PM 6 PM 7 PM 8 PM 9 PM 10 PM

# DEMO TIME

- ❖ Navigate The Dashboard And Links
- ❖ Make Changes And See What Happens





# Experience Summary

- ❖ Discussed a common business problem that impacts several companies using DevOps.
- ❖ Created a basic DevOps Project and learned about it's components and how they interact with each other.
- ❖ You now have the power to delivering business value using DevOps Projects in your company

Q & A

# Resources

- Blog - <http://blog.imseandavis.com>
- GitHub - <http://github.com/imseandavis>
- LinkedIn - <http://linkedin.com/in/imseandavis>
- Twitter - @seanasaservice

If you have questions or would like more information, feel free to contact me via email [sean.davis@agilethought.com](mailto:sean.davis@agilethought.com)

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