Continuous Integration

Deployment Automation

Overview

- **Packaging & deployment**
- **Server preparation**
- **Deployment pipelines**
- **Continuous deployment**

Packaging/Deployment Options

- **Create an MSI package**
  - Visual Studio installer project
  - Commercial 3rd-party tools
  - Windows Installer XML (aka WiX)
- **Scripted install**
  - Loose files
  - Archive (such as a zip file)
  - Scripts written in PowerShell, MSBuild, NAnt
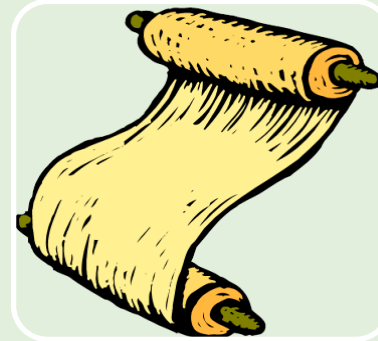 - Tools such as Microsoft Web Deploy

pluralsight

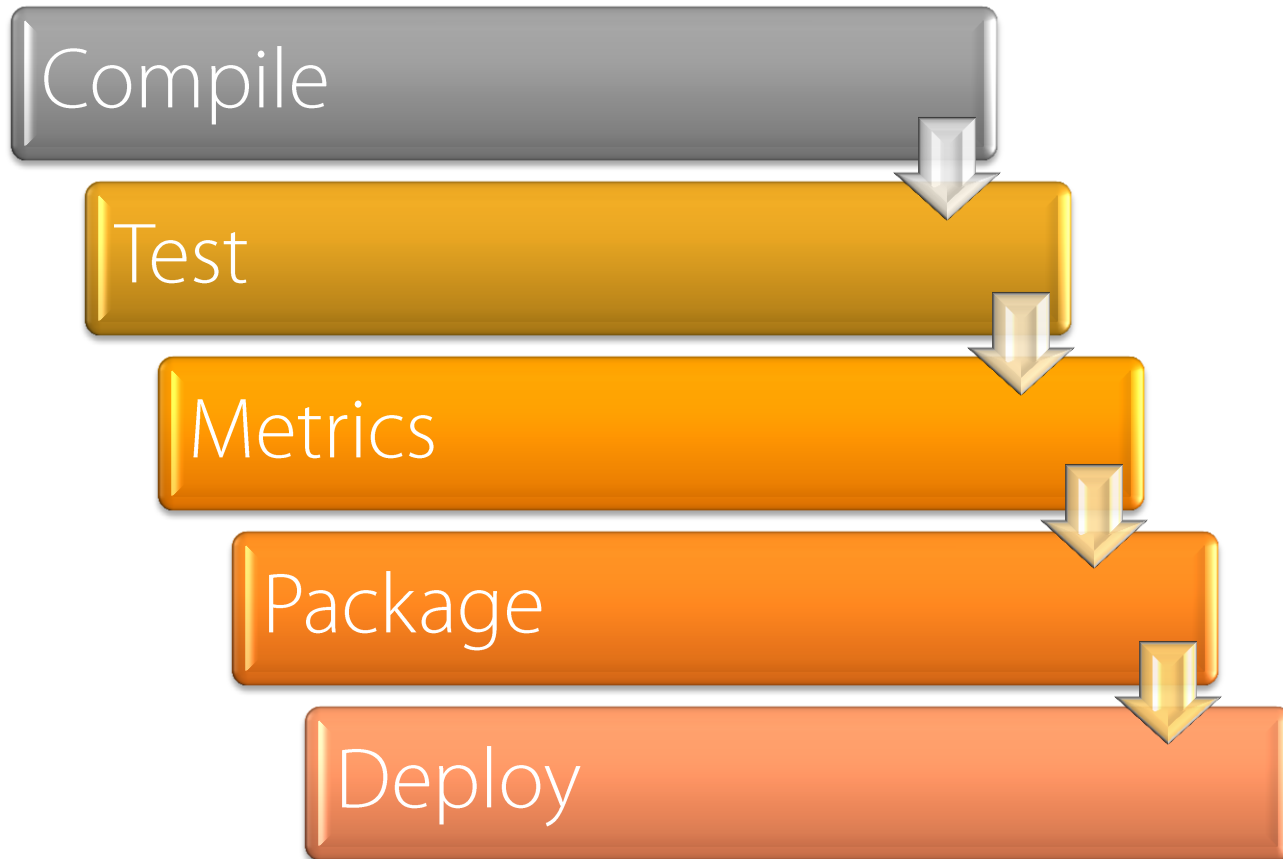see what you can learn

Server Preparation

| Manual | sysprep or Clone of VM | Silent, scripted install |

Deployment Pipeline

Compile

Test

Metrics

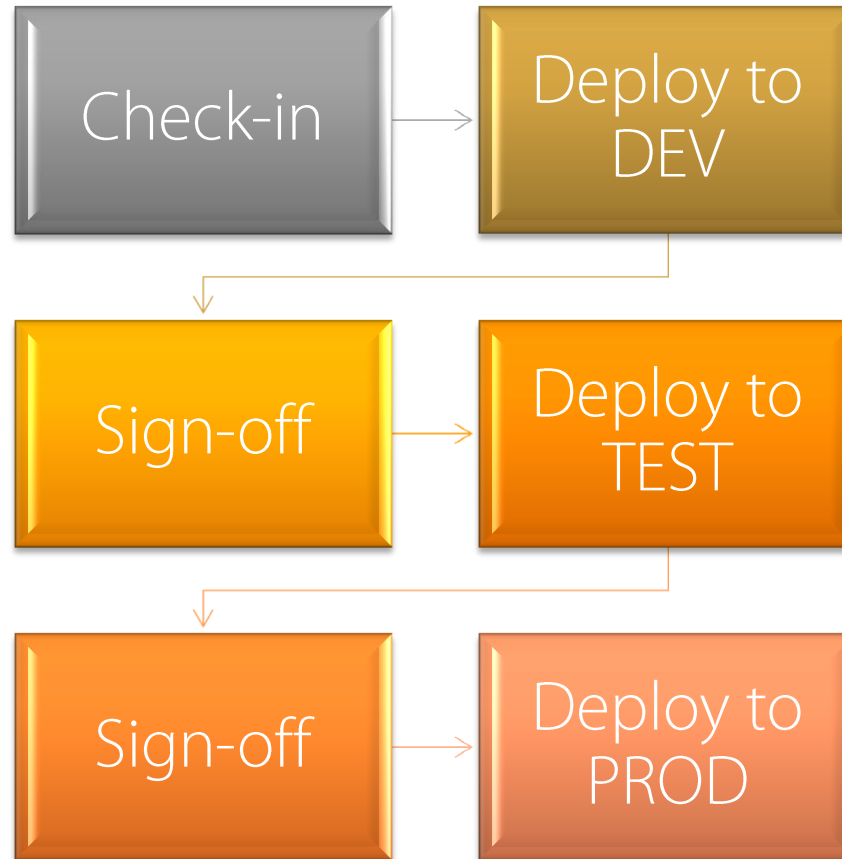Package

Deploy

Continuous Deployment

Demo

Summary

- **Packaging for deployment**
- **Automating deployment**
- **Continuous deployment**