Leveling Up: Dependency Injection in .NET

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Today's Agenda

- Overview
  - What is it?
  - Why do we care?
  - How do we use it?

- Lab

- A Closer Look at DI
  - Dimensions of DI
  - SOLID Principles
  - Tips

- Lab

Today's Agenda

- Patterns and Abstractions
  - DI Patterns
  - Other useful Design Patterns

- Lab

- Common Stumbling Blocks
  - Constructor Over-Injection
  - Static Dependencies
  - IDisposable

  - Lab

Today's Agenda

- DI Containers
  - Lifetime
  - Configuration
  - Stable vs. Volatile Dependencies
  - DI Container Overview

- Lab

Lab File Location

https://github.com/jeremybytes/di-dotnet-workshop

Lab Requirements:
- Visual Studio Code or Visual Studio 2019
- .NET Core 3.1 SDK

Labs will work with Windows, Mac, and Linux