Leveling Up: Dependency Injection in .NET

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Schedule

- 9:00 a.m.   Workshop Begins
- 10:00 a.m. BREAK (10 min.)
- 11:00 a.m. BREAK (10 min.)
- 12:00 p.m. BREAK (10 min.)
- 1:00 p.m.   LUNCH (30 min.)

- 1:30 p.m.   Workshop Resumes
- 2:30 p.m.   BREAK (10 min.)
- 3:30 p.m.   BREAK (10 min.)
- 4:30 p.m.   BREAK (10 min.)
- 5:30 p.m.   Workshop Ends

All Times are Eastern Daylight Time

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

Today's Agenda

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

- Lab

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

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