

Conventions

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Agenda

- Convention over Configuration
- Demo
 - DI container
 - Unit tests

Convention over Configuration

- Addresses bureaucracy (in code)
- Mechanisms
 - Enabling
 - Constraining

Demo

- ASP.NET MVC Controllers
 - (known case)

Demo

- Total manual complexity

Demo

- Controllers by convention
 - Using a DI Container (Castle Windsor)

Demo

- Dependency constraints
 - Automated tests that protect against accidental use of Castle Windsor from other projects

Demo

- Extension by convention

Demo

- Directory by convention
 - Match on name

Demo

- Services by convention
 - Scan all assemblies and register all concrete types against their interfaces
 - That's probably going to register 'too many' services, but is that really a problem?

Demo

- Dispatchers by convention

Demo

- Services by convention in daemon

What more?

- Convention-based unit tests
 - Protocol specifications
 - Grensesnitt (NUnit)
 - Guard clauses
 - AutoFixture

Convention over Configuration

- Without conventions there is no consistency
- Conventions are implemented by a mechanism
- If you can describe the convention, you can implement it

Dependency Injection in .NET

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FOREWORD BY GLENN BLOCK

 MANNING



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