

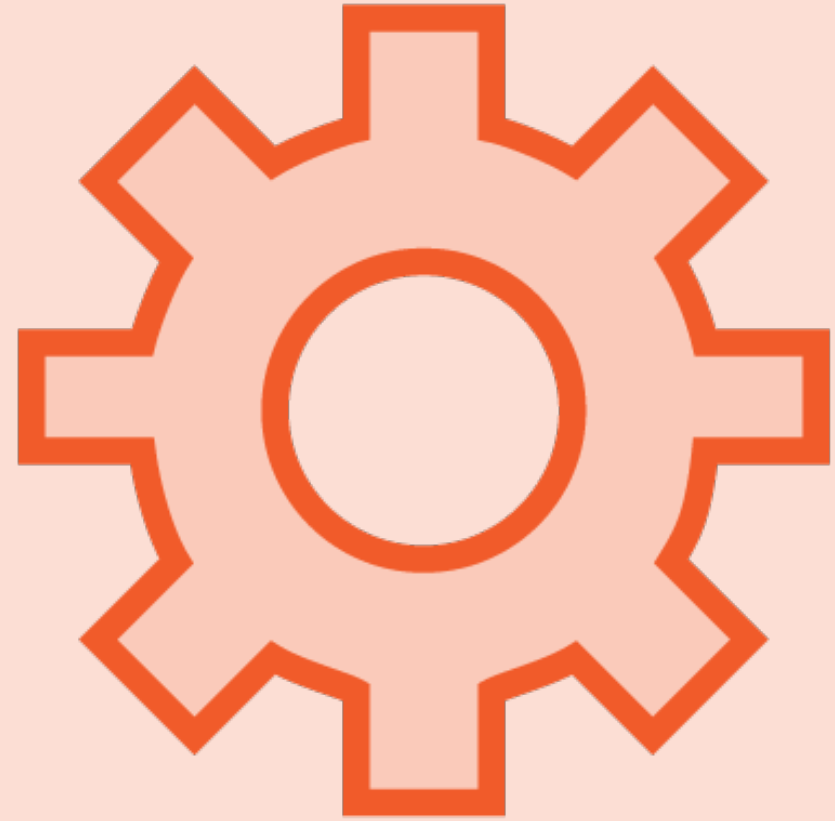
Building Your Own Extension Method Library



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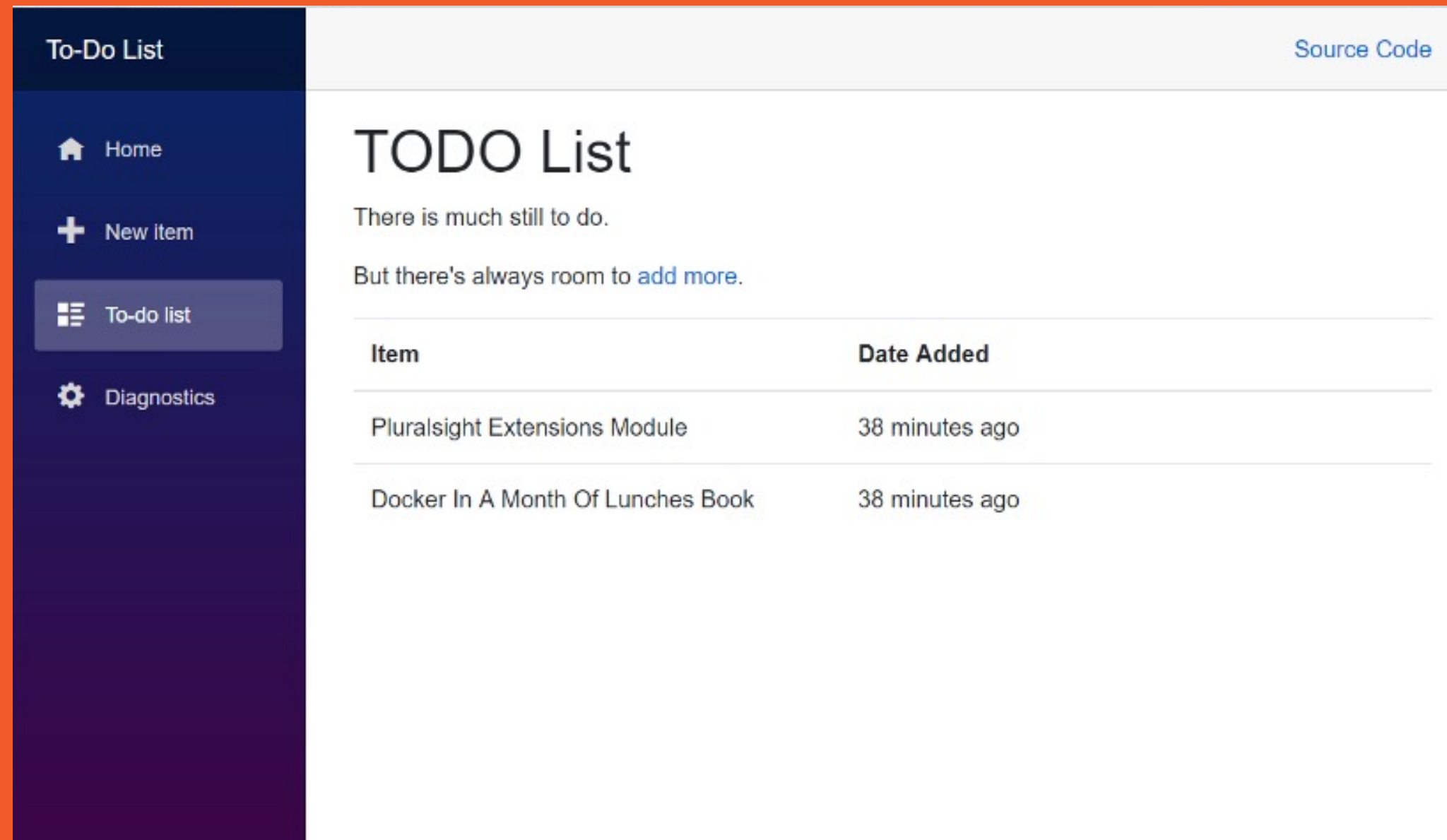
Extensions.System

Extensions.Diagnostics

Extensions.Configuration

Extensions.AspNetCore





User Experience

Formatting & readability

New features

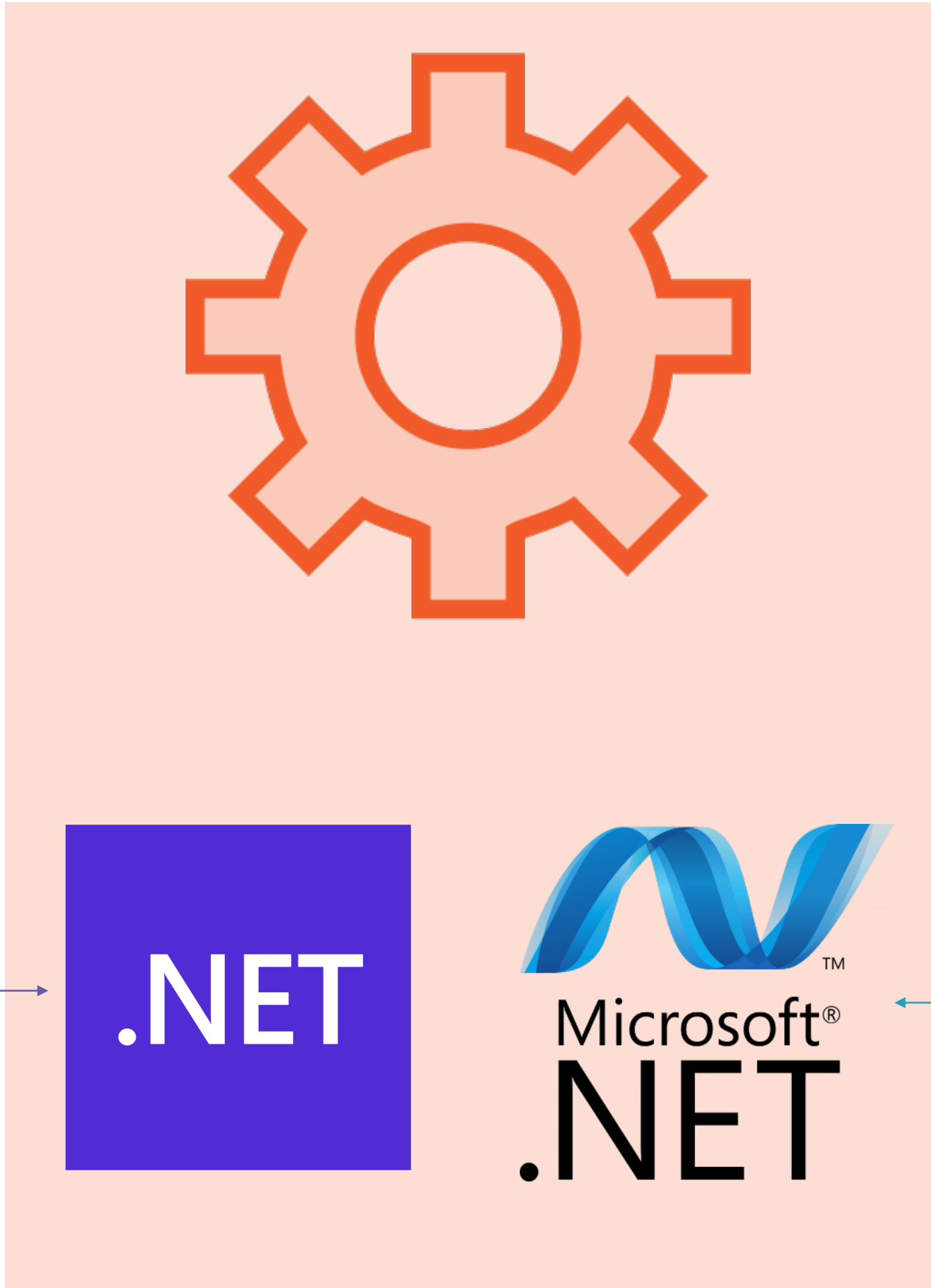
System API

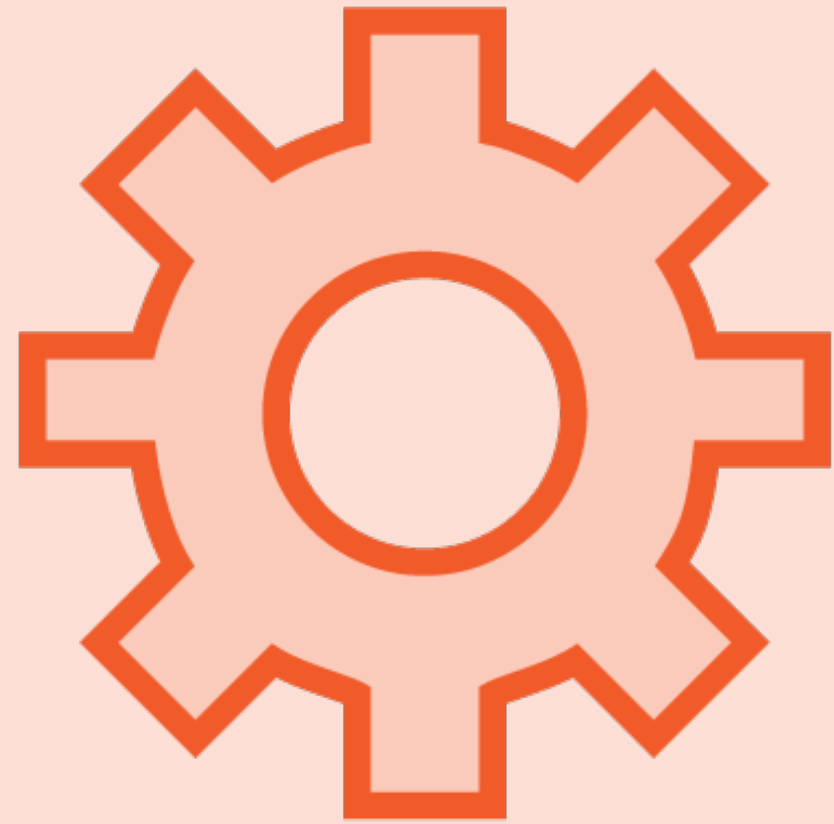
Non-functional requirments

Security & diagnostics

Production readiness

Configuration & metrics



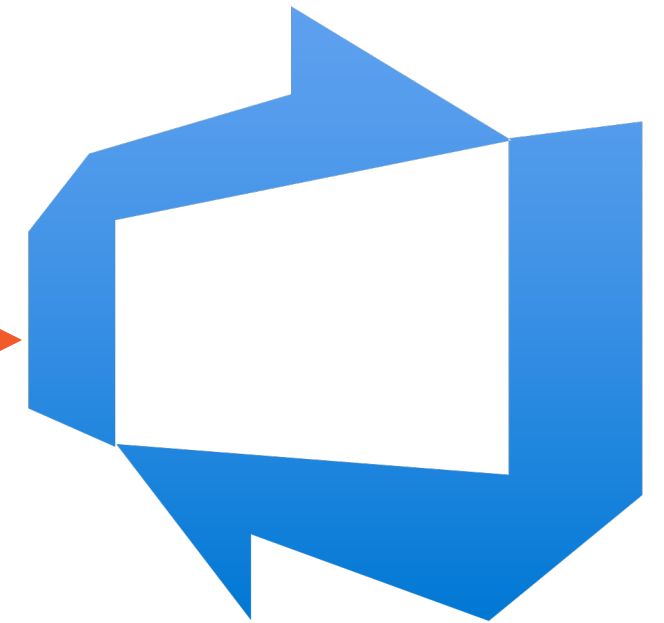
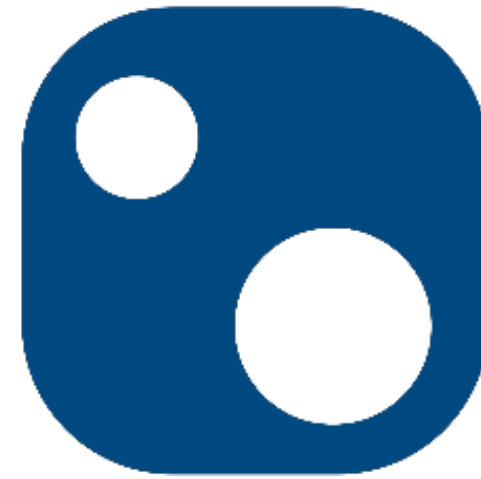


Extensions.System

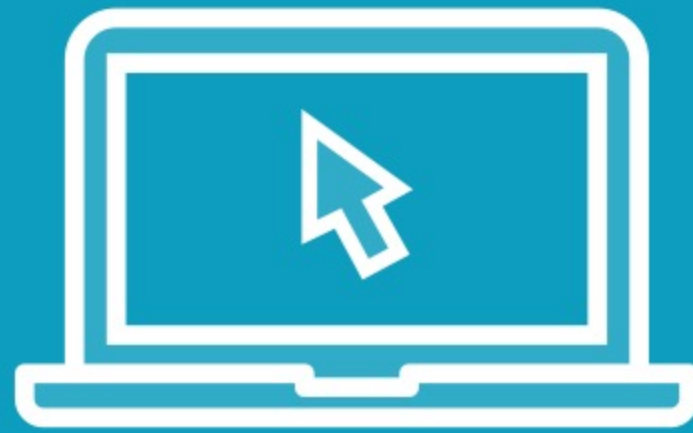
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Demo



Extension methods for User Experience

- Fixing UX issues with extensions
- Using 3rd-party packages
- Wrapping extensions in your library

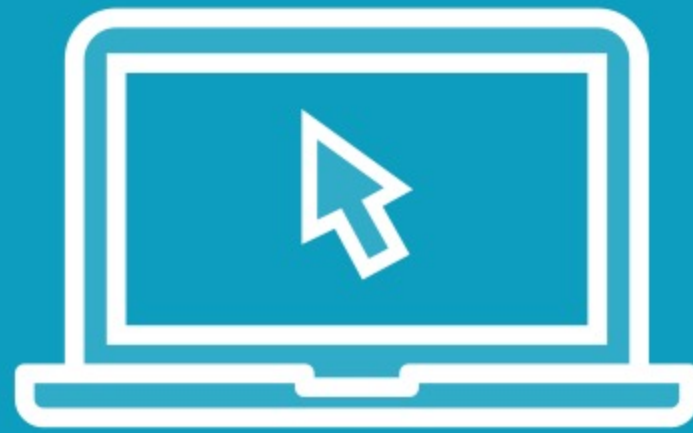
Demo



Extensions for new features

- Adding an API
- Providing app data in CSV
- Extensions to format the data

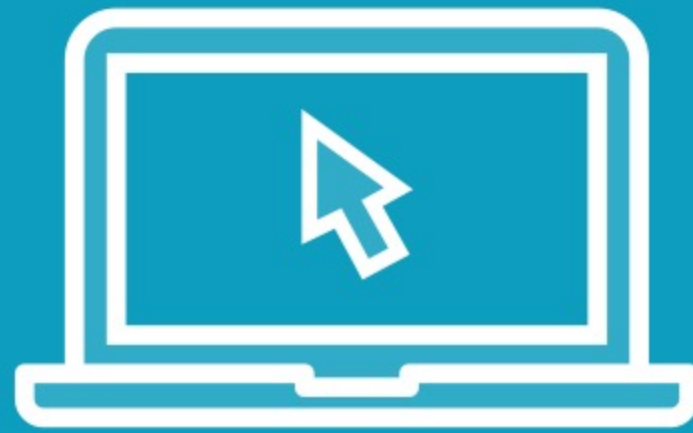
Demo



Extensions for non-functional requirements

- Standard methods
- Implementing best practices
- Security and diagnostics

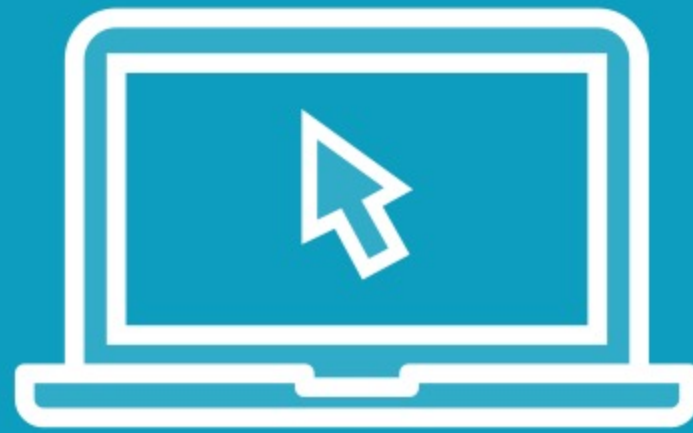
Demo



Extensions for production readiness

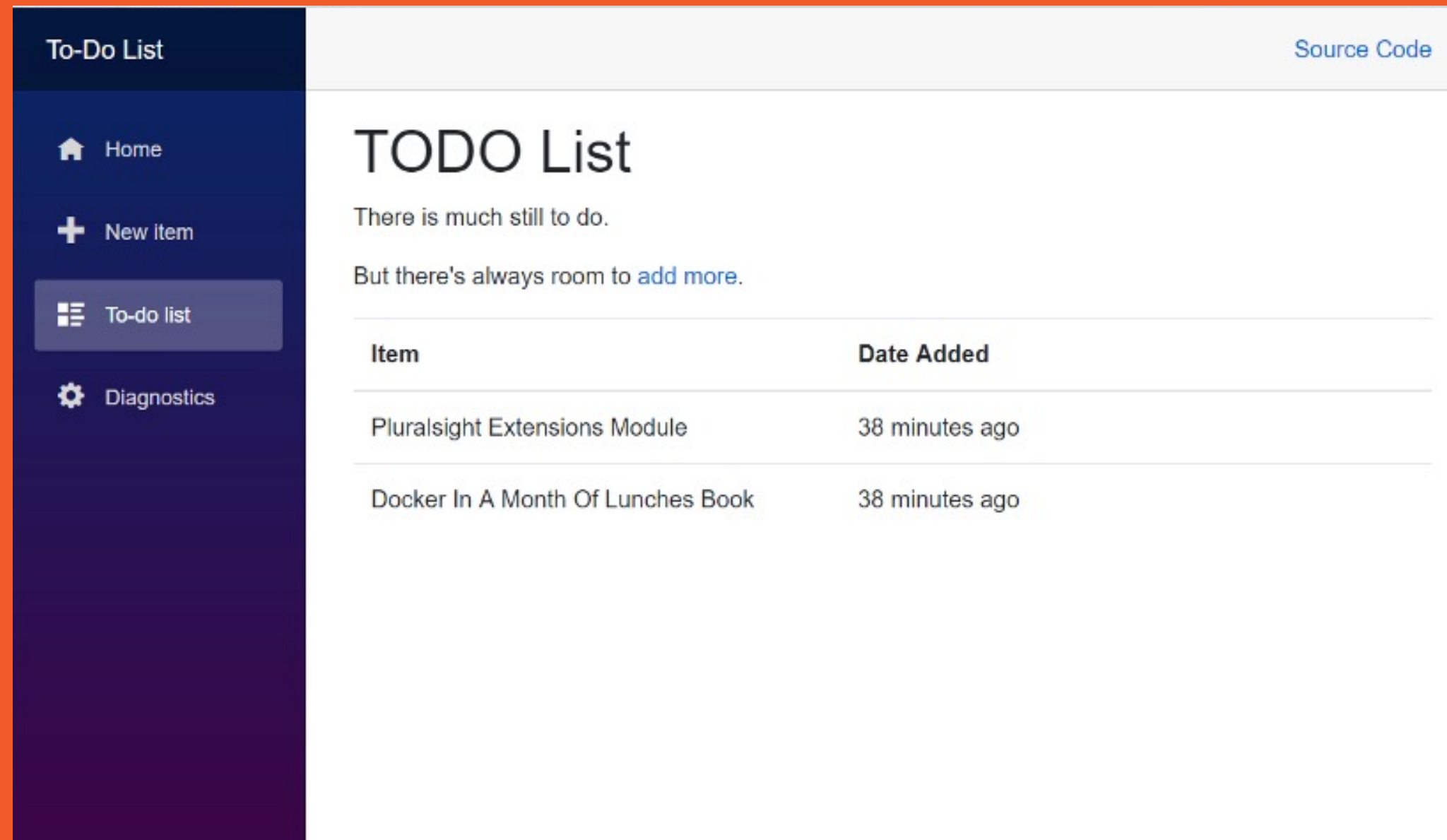
- Key features for going live
- Reading config from the runtime
- Exporting application metrics

Demo



Publishing the extension method library

- Packaging and publishing with NuGet
- Generating documentation
- Publishing the documentation



User Experience

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Non-functional requirments

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Production readiness

Configuration & metrics

```
string.ToTitleCase()  
date.ToFriendlyString()
```

◀ **Wrapping Humanizer**

```
items.ToCsv()
```

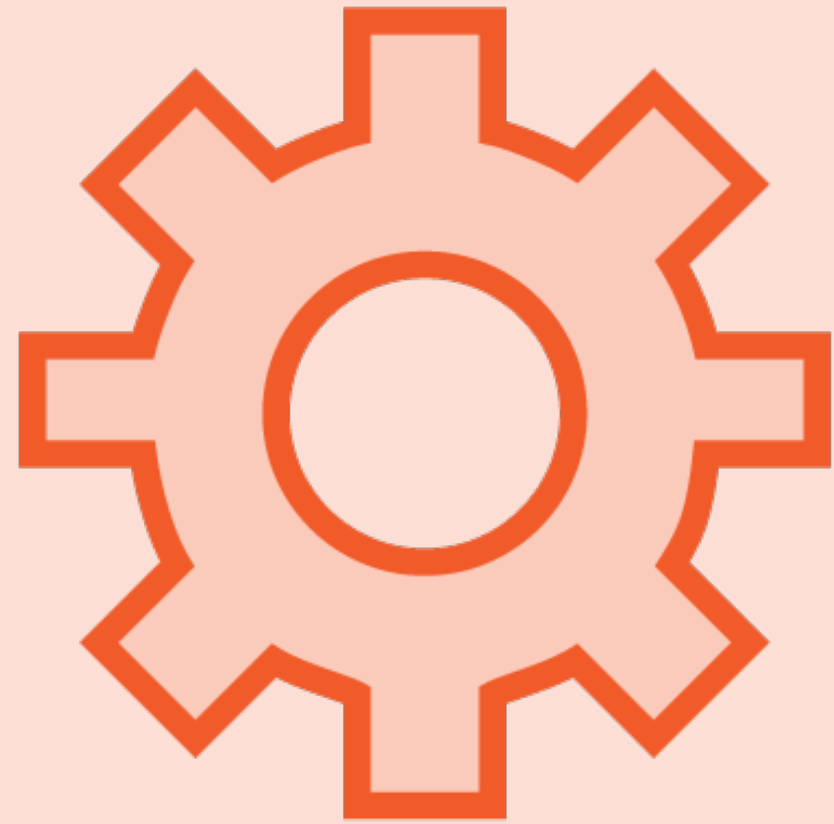
◀ **Wrapping MoreLinq**

```
services.AddDiagnostics()  
app.UseStandardHeaders()
```

◀ **Implementing standards**

```
config.UseStandardProviders()  
app.UseMetrics()
```

◀ **Preparing for production**

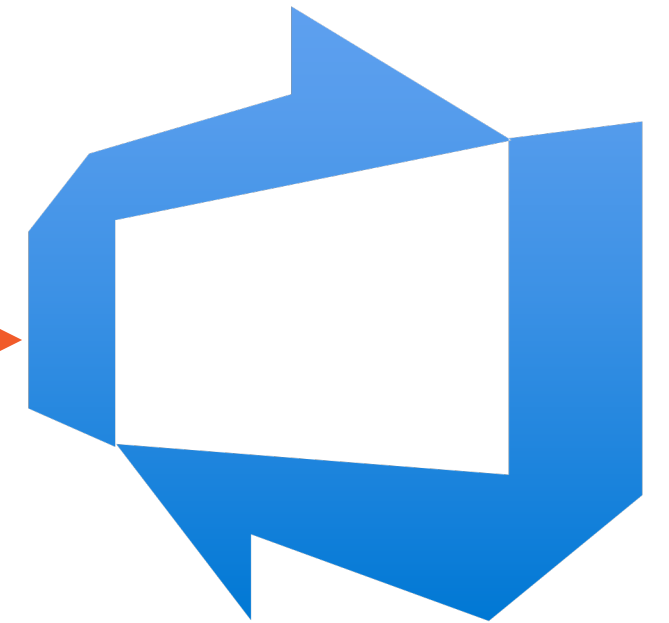
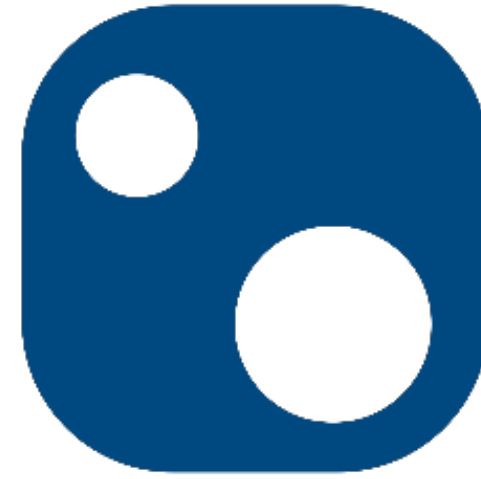


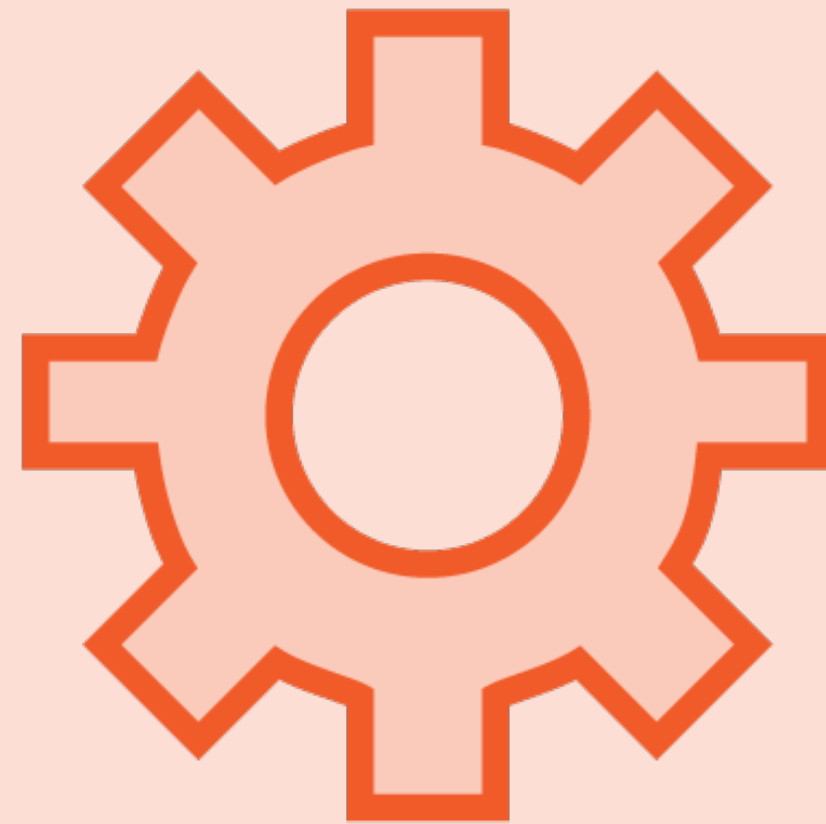
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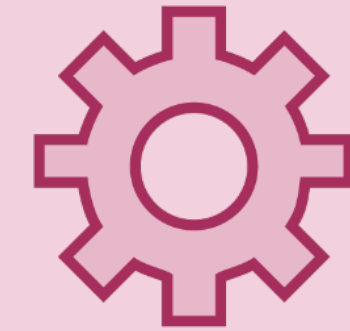


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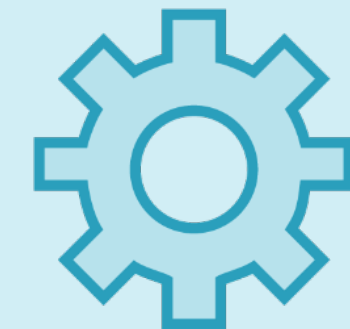
Extensions.AspNetCore



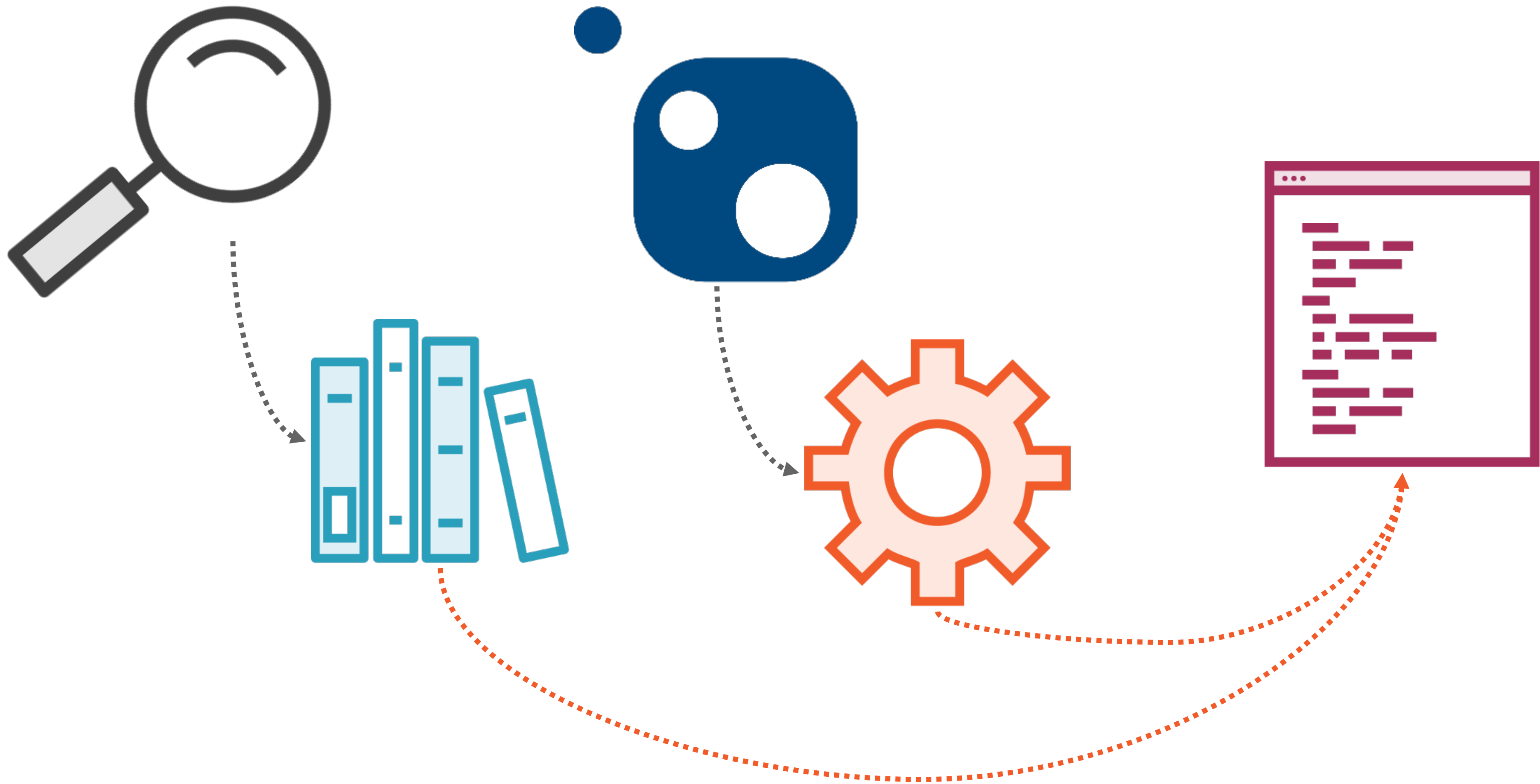
MoreLinq

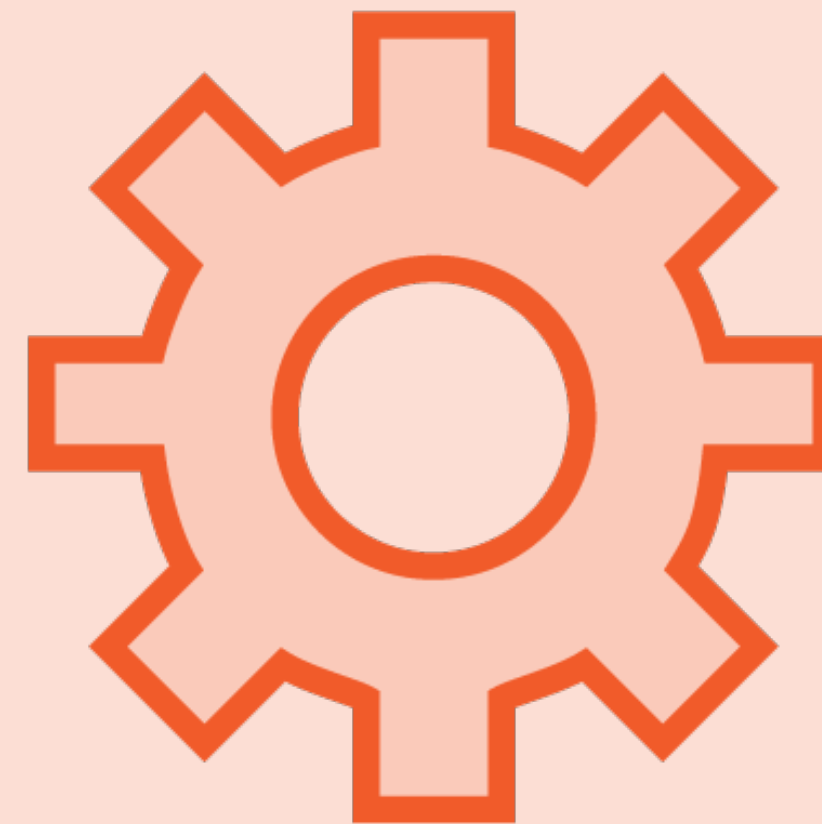


Humanizer



NetEscapades





Extensions.System

Extensions.Diagnostics

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We're Done!



So...

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