

Technologies and Patterns of the Code Camper SPA

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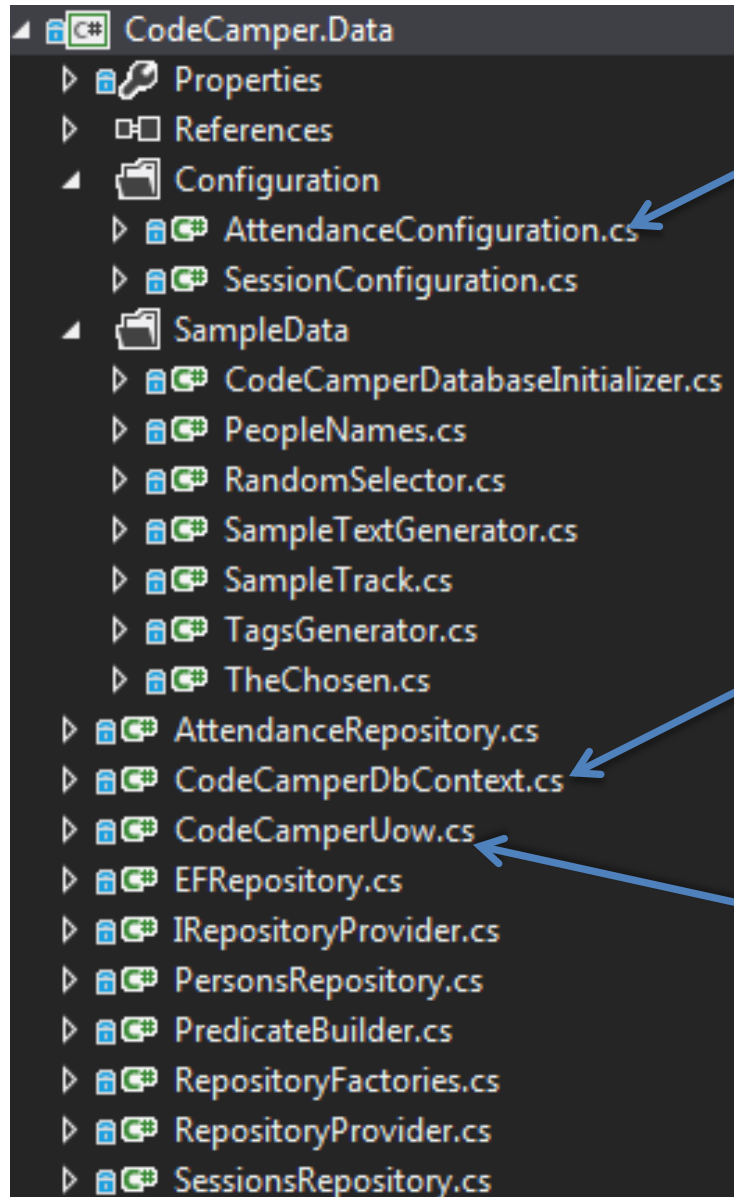
Agenda

- **Solution Structure**
- **Creating the Projects and Solution from Scratch**
- **Tools and Key Resources**
- **Responsive Design and Mobility**

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CodeCamper.Data Project



EF Code First
Configuration

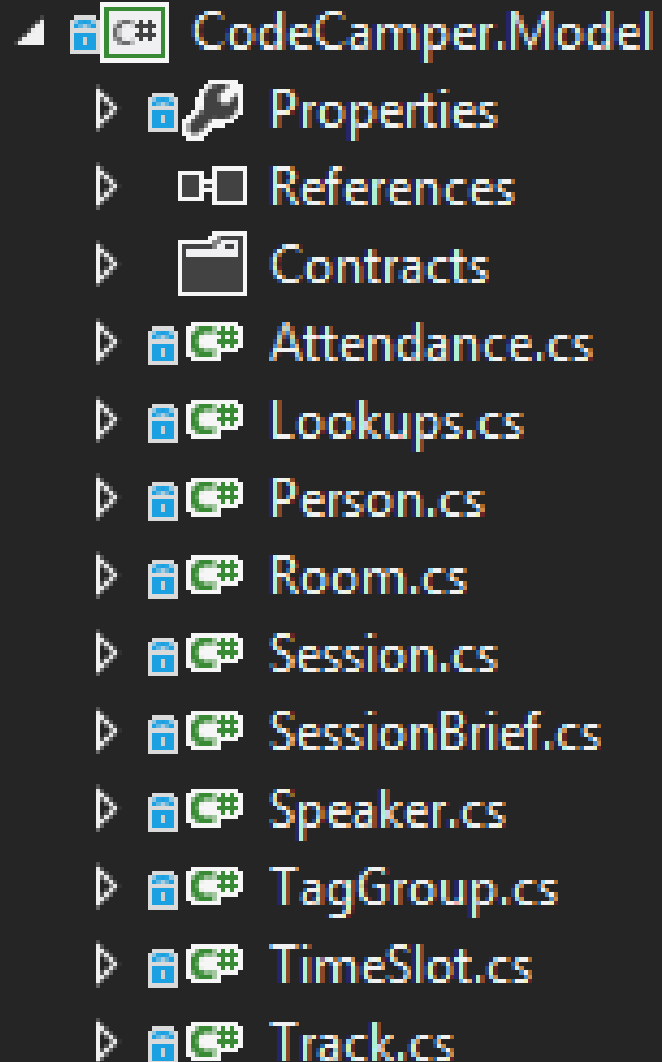
EF Db Context

Unit of Work

Repositories

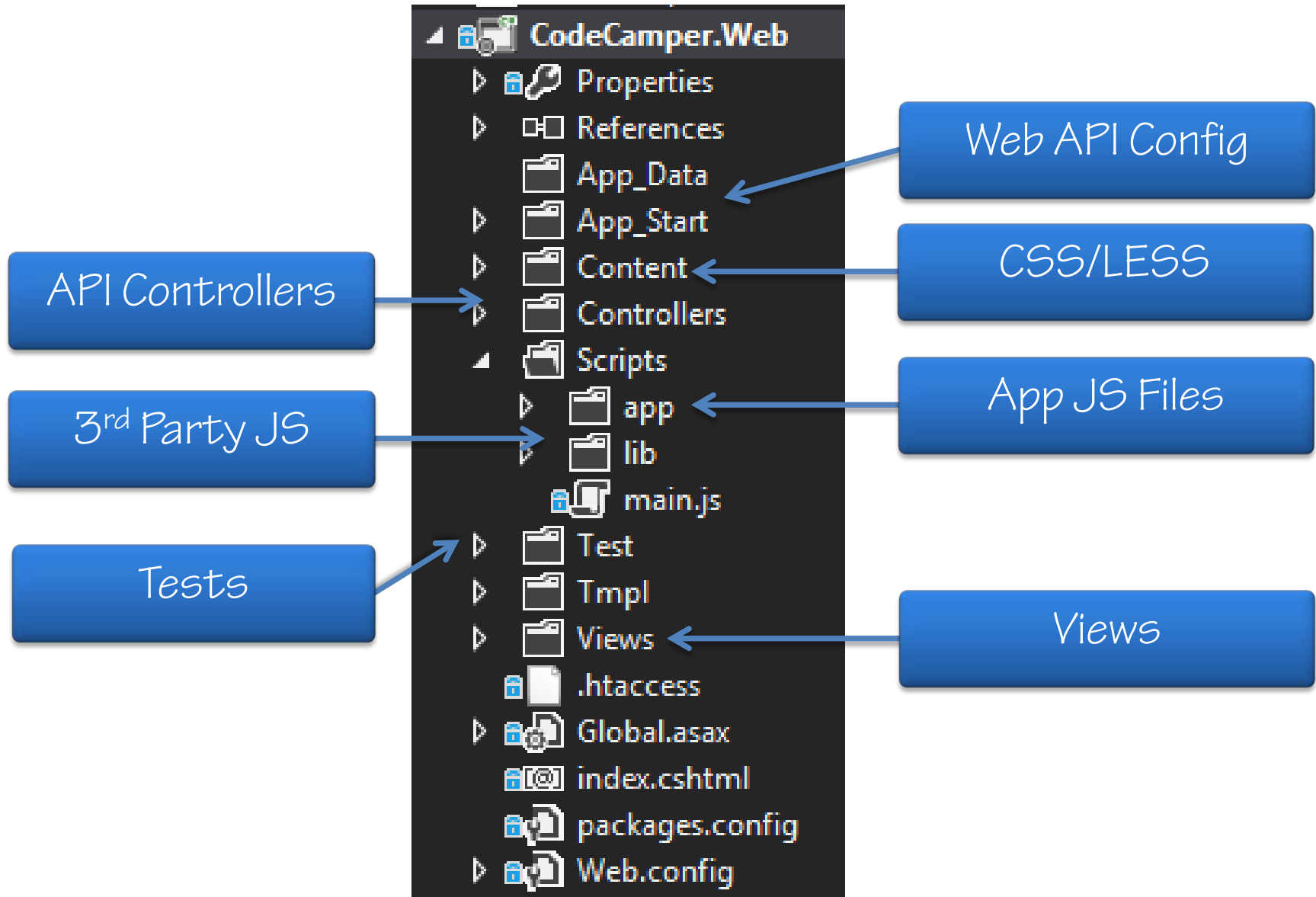
CodeCamper.Model Project

Models
(POCO)



- CodeCamper.Model
 - Properties
 - References
 - Contracts
 - Attendance.cs
 - Lookups.cs
 - Person.cs
 - Room.cs
 - Session.cs
 - SessionBrief.cs
 - Speaker.cs
 - TagGroup.cs
 - TimeSlot.cs
 - Track.cs

CodeCamper.Web Project



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Key Resources / Tooling

- Visual Studio.NET 2012 / 2010
- Web Browser debugging tools (Chrome, IE, Firefox)
- JsFiddle.com or JsBin.com
- Sublime or Notepad++
- Mindscape
- Resharper
- Responsive Design
 - www.Responsinator.com
 - www.ElectricPlum.com
 - <http://jpapa.me/responsivedesignbookmarklet>

Summary

- **Models**
- **Data Layer**
 - Repository Pattern
 - Unit of Work Pattern
- **Web Project**
 - Web API
 - Client Content
- **Tools and Key Resources**
- **Responsive Design and Mobility**