

Creating the API



Shawn Wildermuth

MICROSOFT MVP, AUTHOR AND SPEAKER

@shawnwildermuth wildermuth.com



This Module



Build an API controller

Use Verbs for different actions

Validation in APIs

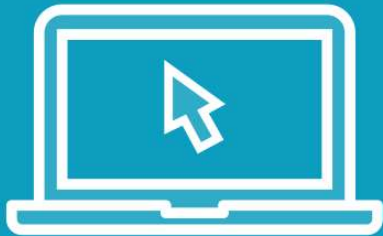
Using ViewModel mapping

Create Association controllers

Use QueryStrings in APIs



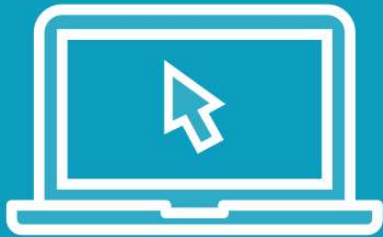
Demo



Create an API Controller



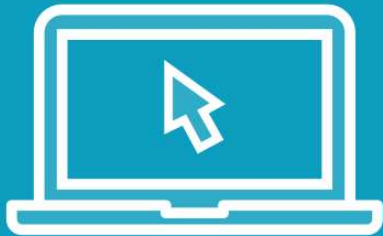
Demo



Returning Data



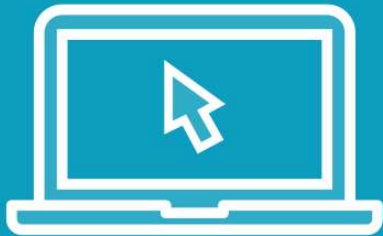
Demo



Implementing POST



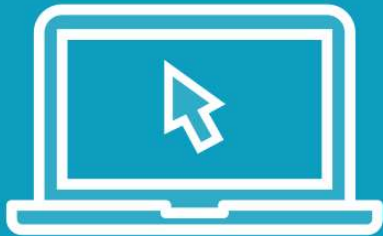
Demo



Validation and View Models



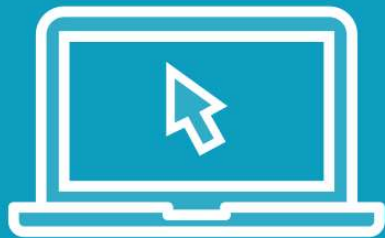
Demo



Using AutoMapper



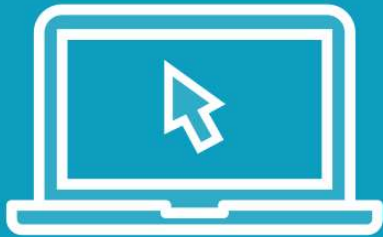
Demo



Creating Association Controllers



Demo



Using Query Strings for APIs



Going
Deeper

Web API Design

- pluralsight.com/courses/web-api-design

Implementing an API w/ASP.NET Core

- pluralsight.com/courses/aspdotnetcore-implementing-securing-api



What We've Learned

API and View Controllers are the same
Mapping URIs is simpler at the Controller
You're working with status codes in an API
REST verbs is how you differentiate actions

