JavaScript REST APIs: Getting Started

BUILD A NODE SERVER FOR REST API METHODS

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Course Goals

Build a node.js and express server

Create endpoints for...
- Retrieving
- Inserting
- Updating
- Patching
- Deleting

Add exception handling

Use the XMLHttpRequest object in JavaScript

I Assume You Are...

✓ **A JavaScript programmer**

✓ **Familiar with Node.js**

✓ **Familiar with REST**

✓ **Familiar with Visual Studio Code**

Related Pluralsight Courses

JavaScript: Getting Started

Node.js: Getting Started
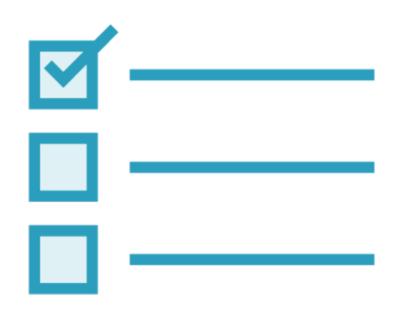
JavaScript Syntax and Operators

Building Web Applications with Node.js and Express 4.0

Modules in This Course

Modules

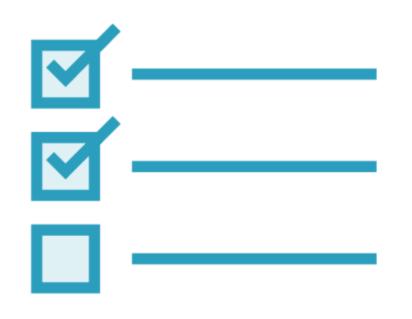**Build a Node Server for REST API Methods**

- Create new Node project
- Build a simple Express server

Retrieve and Search for Data using REST API Methods

- Get list and single pieces of data
- Search for data

Modules

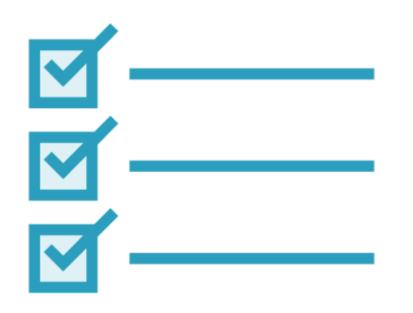**Build REST API Methods to Modify Data**
- Insert, update and patch data
- Delete data

Handling Exceptions in REST API Methods
- Exception handling and logging
- Returning error messages

Modules

Call REST API Methods from an HTML Page

- Create HTML page

- Get data using XMLHttpRequest object

Tools Overview

Tools Required

Node.js

npm

Express

Postman

Visual Studio Code

Demo

Check the versions of your tools

- Node.js

- npm

- Visual Studio Code

Demo

Create new project

Demo

Create Express server

Create GET method

Demo

Test the Express server

Module Summary

Just need some free tools to get started

Creating a REST server in Express is easy

JavaScript is all you need

Coming up next...

Retrieve and Search for Data using REST API Methods

- Get list of data

- Retrieve single piece of data

- Search for data