

NativeScript Training

Advanced NativeScript with Angular

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Course: NativeScript with Angular Workshop

Course Number: NSNGW-100

Duration: 1 days

Overview

NativeScript with Angular one day workshop introduces developers with no NativeScript experience to the framework as it is used with Angular. Some Angular experience is recommended.

Training Prerequisites

All attendees must have prior JavaScript and TypeScript experience and experience with prior Angular experience highly recommended.

Training Materials

All attendees receive courseware and exercise code.

Software Needed on Each Student Machine

- Google Chrome
- Visual Studio Code
- Node.js installed
- Android tools set up and working
- If developing for iOS, a Mac is required with XCode installed and configured
- All installation steps must have been completed as described in the installation section of www.nativescript.org (<https://docs.nativescript.org/start/quick-setup>)
- Other free software and lab files that Nuvius will specify

Training Objectives

- Create, build, and package a NativeScript with Angular application
- Learn the basics of building a mobile user interface with NativeScript
- Adopt existing Angular and web knowledge to the mobile world

Outline

Getting started

- Prerequisites
- NativeScript Introduction

Project Setup

- CLI
- Debugging

User Interface

- Data and Event Binding
- Theme
- Animations
- NativeScript UI

Navigation

- Routing
- Template Navigation
- Programmatic Navigation
- Passing Data
- Transitions

Components and Services

- Components
- Services
- HttpClient
- Custom events

Plugins

- Camera
- Social Share
- Pull to Refresh

Bonus Challenge 1: List

- Building a List
- Requirements
- Tips

Bonus Challenge 2: Master-Details

- Building the Pages

- Requirements
- Tips

Bonus Challenge 3: Form

- Building a Form
- Requirements
- Tips

Next Steps

- Where to go from here?
- Resources

Custom Training Services

NativeScript Training flagship service is custom learning solutions. We have led the way in offering clients outside the box learning programs to help enterprise clients keep up with the demands of business and the speed of technology.

- Designed for teams of all sizes - Built with a deep-dive approach with a focus on immersive learning
- Adaptable to suit organizations with common challenges such as remote teams, limited resources, highly specialized requirements, etc.
- Tailored to specific business drivers with measurable objectives

Nearly 50% of the training courses offered by NativeScript Training are tailored from traditional classroom content and learning modalities.

NativeScript Training works with your organization to ensure we design a custom learning plan, regardless of the topic. With a network of Subject Matter Experts in all domains of IT you are guaranteed a high-quality learning experience matched with skilled facilitators who possess real-world expertise.