

NuGet Essentials: A Virtual Seminar Event

A virtual seminar covering the best practices for package management with NuGet, the open-source package manager for .NET libraries, including hands-on, guided labs.

Description:

Modern software development revolves around using packages and libraries. These libraries often have multiple dependencies that are required for them to function. In the past, all libraries and their dependencies needed to be gathered, version checked, and installed as part of the software. This manual process was not only time consuming, but also error prone. With NuGet and other similar 3rd party frameworks, the risks associated with this manual process have been negated, and overall drastically changed the way software is created, maintained, and secured.

This seminar will be divided into two sessions. The first session is free and will provide a fundamental understanding of NuGet, the open-source package manager for .NET libraries, and will provide a history of why and how package usage has developed and expanded.

In the second session attendees will be guided through hands-on labs, will discuss industry best practices, and leverage this knowledge in a real-world example to increase confidence and proficiency in day-to-day development. This session is an add-on, and costs \$200 per attendee.

Objectives:

After completion of this seminar, attendees will:

- Have a fundamental understanding of package management and industry best practices
- Be able to create NuGet Packages and Package manifests
- Know how to consume and install open-source NuGet packages using Visual Studio and Build Servers
- Have a baseline understanding of third-party package managers

Audience:

Designed for Software Development personnel who are responsible for creating, maintaining, or managing .NET libraries, or those who are exploring NuGet as a packaging solution. The seminar is designed to provide insight for persons of varying skill levels; whether already familiar, or completely new to NuGet.

For Teams:

For multiple members of the same team, this seminar will ensure consistent usage and understanding of terminology, will establish best practices for using NuGet, and will provide insight into how your team can utilize NuGet as part of your development process.

For Individuals:

For individual attendees, this seminar will provide a baseline introduction to package and dependency management, will establish best practices for using NuGet, and will provide insight into how NuGet can be used as part of your development process.



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Details:

This will be a virtual seminar led by an Inedo certified instructor on November 29, with the first session taking place from 1:00 PM to 2:30 PM EST. After a 10-15 minute break, those who have purchased the second session will walk through our instructor led, hands-on labs, and engage in a more in-depth discussion. This session will last approximately an hour and a half. The cost to attend the second session is \$200 per person; discounts available for bundle purchases of 5 seats or more.

For individuals looking to attend the free session, you may register online by visiting <http://ine.do/nuget-register>. If you're interested in attending both sessions, please [contact us](#) to purchase and register.

Seminar Agenda:

Session 1 - NuGet Fundamentals	BREAK	Session 2 - Guided Labs
Introduction to NuGet <ul style="list-style-type: none">• Why you should use packages• Before NuGet• With NuGet		Getting Started <ul style="list-style-type: none">• Creating Packages• Consuming• Integrating with Build Systems
Packages as a Best Practice <ul style="list-style-type: none">• Nuget best practices• Package Quality<ul style="list-style-type: none">• Vulnerability Management• License Management		Enterprise Package Management <ul style="list-style-type: none">• ProGet, Artifactory, Sonatype• Universal Package Management

Session 2 Lab Requirements:

The free, community editions of Visual Studio are fine.

Preferred Version:

Visual Studio 2017

Lowest Version Allowed:

Visual Studio 2015

