



Module Development Webinar

Module Development in DNN is the primary delivery mechanism of extended functionality for the platform. This course will get your team started by first setting up their environment, and then going through the architecture of a DNN module. At the end of the two days you will have a custom module developer and packaged, ready to install onto any current DNN website.

Requirements

- GoToWebinar Access
- Phone or VOIP Access
- Visual Studio 2008
- SQL Server 2005/2008

Course Highlights

In this course you will learn:

- To create modules using C# or VB.net
- To create Visual Studio projects targeting DNN
- Best practice SQL recommendations
- DotNetNuke API Basics
- To package and deploy modules

Price: \$900

Length: 16 hours (4 days, 4 hours per day)

Registration:

Register online or contact your DotNetNuke Corp. Regional Sales Manager

Current Schedule at

<http://bit.ly/dnntraininginfo>

Topic Outline

Day 1

- I. **Development Environment**
 1. DotNetNuke Package
 2. File System Tasks
 3. Creating the Database
 4. The web.config file
 5. Configuring IIS
 6. Web Application Project
- II. **Constructing a DotNetNuke Module**
 1. Module User Controls
 2. Module Control Base Classes
 3. Localization
 4. Module Styling
- III. **Module Registration & the Manifest File**
 1. Module Registration
 2. The Manifest File
 3. The Manifest File: Structural Approaches
- IV. **Module Navigation**
 1. Core Navigation Utilities
 2. Navigation Approaches

Day 2

- I. **SQL Scripts**
 1. The Importance of Good Scripts
 2. The Anatomy of DotNetNuke SQL Scripts
- II. **Data Access**
 1. The Data Access Tier
 2. The Abstract Data Provider
 3. The Concrete Data Provider
 4. Business Object Hydration
- III. **DNN Module Features**
 1. Module Portability
 2. Search Functionality
 3. Custom Upgrades
- IV. **Automated Module Packaging**
 1. Automated Module Packaging with NAnt
 2. Preparing the Module
 3. Setting up NAnt
 4. The Build File



About DotNetNuke Training

DotNetNuke Corp. offers a wide array of training options to fit your needs.

We offer a variety of online and onsite, instructor led courses. We also offer a selection of on demand videos for self-paced learning. Webinars are scheduled two to three months in advanced. [Click here](#) for a current schedule of upcoming webinars.

For DotNetNuke Professional Edition customers that would like a more personal approach, we offer custom online and onsite training. These sessions can be customized to fit your business needs. [Click here](#) for more information on custom training options.

Why DotNetNuke Training

Our experienced instructor, Chris Hammond, has provided DotNetNuke training for six years and has been involved with the DotNetNuke open source project since 2003. He has authored and reviewed books about the DotNetNuke platform and authored and edited the materials used exclusively in our training.