## Demo 1 – Installing NuGet

http://nuget.org/

http://visualstudiogallery.msdn.microsoft.com/ and search for NuGet

## Demo 2 – Add/Remove/Update References with NuGet

1. Open the Contoso University Solution
   1. Show the Package Manager Console
   2. Show the Add Package Library Reference dialog
2. Add a reference to Elmah
   1. Show that the reference is added to the project
   2. Show the web.config file changes that were made
   3. Show where the files were stored
   4. Show the packages.config files in the solution, remark that is content and flagged do not copy.
3. Build the solution and show that the Elmah.dll is in the bin directory
4. Remove elmah using the Add Library Reference Dialog
   1. show that it removed the reference
   2. show that it removed the config file changes
5. Let’s add it back using the package manager console
   1. Show how to add the package via the package manager console
   2. Get-package –remote to show the list off all packages
   3. Get-package –remote –filter elmah
   4. To install elmah – install-package elmah
6. Again lets uninstall it using the package manager console this time
   1. Uninstall-package elmah

Ok, so we have looked at how to Add/Remove packages but what about updating?

1. This time lets add Nlog
   1. get-package -remote -filter nlog
2. Here we want to install the older version so you can see how to update it
   1. Install-Package NLog -version 1.0.0.505
   2. Show the Nlog reference and that it is for version 1.0.0.505
3. Now let’s check to see if there are any updates
   1. Get-Package -updates
   2. Update-package Nlog
4. You can verify that nuget installed latest version by using get-package
5. show how to do this with the GUI
6. Again show the reference and version

## Demo 3 – Create a NuGet Package

1. Use the JaySmith.RealSimpleDiscovery project located in C:\Solutions\Public\RealSimpleDiscovery
2. Download the nuget command line tool from codeplex
3. Create directory to hold your package
4. Generate a spec file – required command window
   1. Show Windows 7 Shift – Right Click to get Open Command Window Here
   2. *nuget spec* – to generate a spec file
   3. open Package.spec
5. Rename Package.spec to JaySmith.RealSimpleDiscovery.spec
6. C:\Solutions\Public\RealSimpleDiscovery\src>nuget pack ./package/JaySmith.RealSimpleDiscovery.nuspec

## Demo 4 – Create your own Nuget Server

1. Create a new Empty Web Application Project
2. Package Console: Install-package nuget.server
3. Show Packages/Readme.txt
4. Move a package into the Packages directory
5. Include in project and mark nupkg as content to get it published with the site
6. Build and hit run (ctrl-F5) to show the Nuget feed
7. Navigate to /nuget/Packages to show packages is listed
8. Copy URL and add it to the Package Management
9. <http://localhost:48009/nuget>
10. Show the package in the Package Explorer