



Official DotNetNuke®
Training Provider

Building a Membership Provider for DNN 4.x.x.



presented by

Henry Kenuam, **Engage
Software**

About Me



Official DotNetNuke®
Training Provider

- Henry Kenuam
– CTO at Engage

Henry Kenuam:

hkenuam@engagesoftware.com

Engage Software

p:: 314.966.4000 x224

f:: 314.966.2299

www.engagesoftware.com

Objective for the next Hour

- What is Membership?
- Understanding all the Pieces
- DNN Authentication features and settings
- Walk through the DNN Login process
- Create a new Membership Provider (from default).
- Modify new provider code to use Web Services for authentication.
- Tidbits on DNN Extension (Cambrian)

What is Membership?

- Membership is one small piece of larger objective
- Single Sign-on is about passing credentials for site to site or portal to portal.
- Authentication System – Term for encapsulating authentication process

Considerations



Official DotNetNuke®
Training Provider

- Why am I replacing the membership (authentication) in the first place?
- Who ultimately will manage users? DNN or the remote system?
- Can I achieve what I need by adding on to the existing functionality provided or am I replacing the user's data store and the validation process entirely?
- Does the other system provide enough functionality to satisfy the abstract Membership Provider that DNN uses?
- Can I retrieve a decrypted password from the new data store?

Understanding all the Pieces

- Default Authentication for DNN is Forms Authentication
- Built on the ASP.NET 2.0 Membership
- DNN uses a Provider Model to allow new implementation plug-in
- Membership Provider, Role Provider and Profile Provider, providers, providers, providers...



Official DotNetNuke®
Training Provider

Enough talk, let's look at some code...

Additional References



Official DotNetNuke®
Training Provider

- <http://msdn.microsoft.com>
- <http://www.engagemodules.com>
- <http://www.charlesnurse.com/>
- <http://odetocode.com/Articles/427.aspx>