

# RE: Membership Provider Woes

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  - *Date:* Mon, 25 Dec 2006 03:56:59 GMT
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Hello Chris,

From your description, you are using the Membership/Role providers to perform forms authentication in your ASP.NET web application. You like the built-in membership/role provider feature and the login controls, however, you also want to add additional custom data (specific to each user) into the forms authentication cookie (without querying database in each request), correct?

Based on my experience, since ASP.NET 2.0's membership/role provider and service model has been well encapsulated, it is not quite convenient to modify it or develop our own model to replace them. And what you need here is just cache some custom data into forms auth ticket and used in other pages later, I think you can simply add them into the FormsAuthenticationTicket (created manually) and then access it later through the FormsIdentity.Ticket property. e.g.

=====in page which want to access the custom data in authenticatio  
ticket=====

```
protected void Page_Load(object sender, EventArgs e)  
{
```

```
//you can even define a helper function for extract custom data from  
ticket.UserData string
```

```
Response.Write("<br/>CurrentIdentity: " + Context.User.Identity);
```

```
FormsIdentity identity = Context.User.Identity as FormsIdentity;
```

```
Response.Write("<br/>Ticket.UserData: " + identity.Ticket.UserData);
```

```
}
```

=====

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the forms authentication module will help retrieve teh userdata from ticket(from cookie) and store it in the FormsIdentity(in the HttpContext.Current.User.Identity). Also, in your login page, you need to manually create the FormsAuthentication ticket so that you can add additional data into "UserData" property of the ticket. e.g.

```

=====in our custom logging page's code=====
protected void Login1_LoggingIn(object sender, LoginCancelEventArgs e)
{
FormsAuthenticationTicket ticket = new FormsAuthenticationTicket(
1,
Login1.UserName,
DateTime.Now,
DateTime.Now.AddMinutes(30),
Login1.RememberMeSet,

"some custom data want to store in ticket...", // User-data, in
this case the roles
FormsAuthentication.FormsCookiePath);

string hash = FormsAuthentication.Encrypt(ticket);
HttpCookie cookie = new HttpCookie(
FormsAuthentication.FormsCookieName,
hash);

if (ticket.IsPersistent) cookie.Expires = ticket.Expiration;

Response.Cookies.Add(cookie);

Response.Redirect(Request.QueryString["ReturnUrl"]);
}
=====

```

Hope this helps for your scenario.

Sincerely,

Steven Cheng

Microsoft MSDN Online Support Lead

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