

protecting a class declarativly (going mad)

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2007-03/msg02279.html>

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hi there! according to msdn (link at bottom) i should be able to protect a whole class declarativly as above. However i keep getting 'request for principal permissions failed' exceptions.

in the msdn article a reference is made to include `AppDomain.CurrentDomain.SetPrincipalPolicy(PrincipalPolicy.WindowsPrincipal)` in your code to set the appdomain principal. I can understand how to use `setprincipalpolicy` to protect a method declarativly (working code example at bottom)

but how do i protect a CLASS?

the question is where & how to `SetPrincipalPolicy Declarativly?` is there an attribute in `assemblyinfo.vb` for this?

many thanks,
X

a)msdn link:

<http://msdn2.microsoft.com/en-us/library/system.security.permissions.principalpermissionattribute.aspx>

b)Protecting a class – this doesnt work (& i tried `role:="administrators", name:="administrator"` etc)
`<PrincipalPermissionAttribute(SecurityAction.Demand, Role:="BUILTIN \Administrators") _`
`Public Class Form1 Inherits System.Windows.Forms.Form`
`Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load`
`MessageBox("form should load if user is admin")`
`End Sub`

c)Protecting a method – this works ok

```
Public Class Form1
Inherits System.Windows.Forms.Form
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As
```

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```
System.EventArgs) Handles MyBase.Load
```

```
AppDomain.CurrentDomain.SetPrincipalPolicy(PrincipalPolicy.WindowsPrincipal)
```

```
End Sub
```

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
```

```
System.EventArgs) Handles Button1.Click
```

```
dowork()
```

```
End Sub
```

```
<PrincipalPermissionAttribute(SecurityAction.Demand, Role:="BUILTIN
```

```
\Administrators")> Sub dowork()
```

```
MessageBox.Show("protected")
```

```
End Sub
```

```
end class
```

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