

System.Security.Cryptography.ProtectedData

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.security/2007-08/msg00004.html>

- *From:* "Abhinav" <agargye@xxxxxxxxxxxx>
 - *Date:* Fri, 17 Aug 2007 09:51:14 -0500
-

I was attempting to use this class however I do not see the ProtectedData class under System.Security.Cryptography. Any reason why!

This is what I have so far ...

```
Imports System.Security.Cryptography
Imports System.text.Encoding
Imports System
```

```
Public Class Security
```

```
Private Shared arrEntropybyte As Byte() = {1,2,3,4,5,6,7,8,9,0}
```

```
Public Shared Function Encrypt(ByVal stringToEncrypt As String) As String
```

```
Dim arrStringbyte As Byte()
```

```
Dim encryptedDBString As Byte()
```

```
Try
```

```
' Convert the string to a byte array:
```

```
arrStringbyte = Unicode.GetBytes(stringToEncrypt)
```

```
' Encrypt string
```

```
encryptedDBString = ProtectedData.Protect(stringToEncrypt, arrEntropybyte,
DataProtectionScope.CurrentUser)
```

```
Catch ex As Exception
```

```
Throw ex
```

```
End Try
```

```
End Function
```

```
End Class
```