

hashmd5 (Running) - Microsoft Visual Studio

FILEEDITVIEWPROJECTBUILDDEBUGTEAMSQLTOOLSTESTARCHITECTUREANALYZEDEVEXPRESSWINDOWHELP

Process: [3960] hashmd5.vshost.exe

Suspend

Thread:

Stack Frame:

Form1.vb [Design]

Button1

Click

```
Function GetMd5Hash(ByVal md5Hash As MD5, ByVal input As String) As String
    Dim data As Byte() = md5Hash.ComputeHash(Encoding.UTF8.GetBytes(input))
    Dim sBuilder As New StringBuilder()
    Dim i As Integer
    For i = 0 To data.Length - 1
        sBuilder.Append(data(i).ToString("x2"))
    Next i
    Return sBuilder.ToString()
End Function

Function VerifyMd5Hash(ByVal md5Hash As MD5, ByVal input As String) As Boolean
    Dim hashOfInput As String = GetMd5Hash(md5Hash, input)
    Dim comparer As StringComparer = StringComparer.Ordinal

    If 0 = comparer.Compare(hashOfInput, hash) Then
        Return True
    Else
        Return False
    End If
End Function

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    Dim [source] As String = TextBox1.Text
    Using md5Hash As MD5 = MD5.Create()

        Dim hash As String = GetMd5Hash(md5Hash, source)

        Label2.Text = hash
    End Using
End Sub
```

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'hashmd5' (1 project)

hashmd5

My Project

App.config

Form1.vb

MD5 Hash Generator

Enter a String:

MD5 Hash String

MD5 Hash:

35123cbb9ffbe70068aac203b69c94d4

MD5

MD5 Hash Generator

The result are same.

OK

Locals

Autos

Locals

Name	Value	Type
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IntelliTrace

Solution Explorer

Team Explorer

Ready

Ln 30

Col 86

Ch 86

INS