



가

## 1. Regex

가

Regex

Regex

Regex

)

```
' Regex  
Dim r As Regex  
' Regex  
r = New Regex("\s2002")
```

Regex

가

```
New Regex()  
New Regex(" ")  
New Regex(" ", )
```

Compiled	

ECMAScript	ECMAScript IgnoreCase, Multiline Compiled 가
ExplicitCapture	(?<name>...) 가 (?...) 가
IgnoreCase	/
IgnorePatternWhitespace	#
Multiline	^ \$
None	
RightToLeft	
Singleline	.\n 가 \n (.)

Regex  
가 . 가 IgnoreCase Compiled

**Regex(strRegExp, RegexOptions.IgnoreCase Or RegexOptions.Compiled)**

Match Match  
( Matches  
, Replace  
. Regex

[Regex ]



가 0(zero) Base .( abc  
a 4 zero Base 3 .)

NextMatch

가 .

[ Match ]

Groups	가 .
Index	가 .(Zero Base)
Length	가 .
Success	Boolean 가
Value	가 .
NextMatch	( ) Match .

### 3. MatchCollection

MatchCollection

Regex.Matches

. MatchCollection

"123abc456ababc"

"da"

Regex.Matches

mc

MatchCollection

mc(1).Value

"3a"가 mc(2).Value

"6a" 가

```
Dim mc As MatchCollection
' Regex object (r)
Dim r As New Regex("abc")
' Matches method
'
mc = r.Matches("123abc456ababc")
```

```

' match collection
Dim i As Integer
For i = 0 To mc.Count - 1
    '
    Response.Write("          "& mc(i).Value & "          ")
    Response.Write("          "& mc(i).Index & "          "<br>")
Next i

```

#### 4. Group

```

    0
    . Group Capture
    . Group Capture
    . Group Captures
    .
Group          Match.Groups(groupnum)          ,          "(?<groupname>)"
                  Match.Groups("groupname")

```

```

Dim r As New Regex("^(?<name>\w+):(?<value>\w+)")
Dim m As Match = r.Match("Section1:119900")

m.Groups("name").Value = "Section1"
m.Groups("value").Value = "119900"

```

#### 5. GroupCollection

```

GroupCollection

```

**GroupCollection**

**Match.Groups**

### Capture

```
Imports System
Imports System.Text
Imports System.Text.RegularExpressions

Public Class RegexTest
    Public Shared Sub RunTest()
        '
        ' . "abc", "ab", and "b".
        Dim r As New Regex("(a(b))c")
        Dim m As Match = r.Match("abdabc")
        Dim i As Integer
        Dim strMessage As StringBuilder
        strMessage = New StringBuilder()
        strMessage.Append("
                        " & m.Groups.Count.ToString & "<br>")
        For i = 0 To m.Groups.Count - 1
            '
            '
            strMessage.Append("
                        " & (i + 1).ToString & "
                        " & _
            m.Groups(i).Value & "
            ")
            strMessage.Append("
                        " & m.Groups(i).Index & "
                        " & "<br>")
        Next i
        Response.Write(strMessage.ToString)
    End Sub
    Public Shared Sub Main()
        RunTest()
    End Sub
End Class
```





Match

Group

. **CaptureCollection**

**Captures**

.