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Thread: [\[TUT\] Splitting Strings \[Basic\]](#)

Mr. Cash - June 23, 2011, 9:57 pm

The importance of knowing how to split strings in vb.net is so great I cannot describe it. You can use it for tons of things and it can be helpful when you're making certain programs. I am aware this is pretty basic however a lot of people ask how to do stuff like this with strings.

```
Code Dim splitme As String = "I|Like|Cheese"
```

```
MsgBox(splitme.Split("|")(0).ToString)
```

The result of this is "I"

An array starts at 0 so we're splitting "|" and basically getting the first result which is 0 or "I"

```
Code Dim splitme As String = "I|Like|Cheese"
```

```
MsgBox(splitme.Split("|")(1).ToString)
```

This returns "Like" because it is the second item in the array.

```
Code Dim splitme As String = "I|Like|Cheese"
```

```
MsgBox(splitme.Split("|")(2).ToString)
```

Finally, this returns "Cheese" because it is the third item.

If you were to try this:

```
Code Dim splitme As String = "I|Like|Cheese"
```

```
MsgBox(splitme.Split("|")(3).ToString)
```

You get an error which states "Index was outside the bounds of the array"

The reason why is there are only 3 words and the array starts at 0 so the only results you can have are 0, 1, 2

One more quick thing people want to know how to do is loop through a split string and display it in a messagebox.

You can do this like so:

```
Code Dim splitme As String = "I|Like|Cheese"
```

```
For i = 0 To splitme.Split("|").Count - 1
```

```
MsgBox(splitme.Split("|")(i).ToString)
```

```
Next
```

What we are doing is a loop which says we are going to go from 0 to the amount of words - 1.

The reason we do - 1 is because an array starts at 0 so we have to take in account that the split count will still be the normal amount starting from 1.

The result from the above will be 3 different message box's that say "I" "Like" "Cheese"

Hope this was helpful to the noobs out there.

If you have any other questions do not be afraid to PM me or ask away.

christiano - June 23, 2011, 10:09 pm

Thanks for the nice TUT :)

Mr. Cash - June 23, 2011, 10:11 pm

No prob! Any requests I will be happy to make more in depth tutorials.

Cody8295 - June 23, 2011, 10:12 pm

Pretty basic, you can also do stuff like this:

```
Split(Input, "|")(1).Split("|")(0)
```

Mr. Cash - June 23, 2011, 10:18 pm

(Jun 23, 2011 10:12 PM)Cody8295 Wrote: [\[CITE\]](#) Pretty basic, you can also do stuff like this:

```
Split(Input, "|")(1).Split("|")(0)
```

Yup, that is another way you can do it.