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Thread: [C# Parsing \[Intermediate Level Tutorial\]](#)

Pulser - October 20, 2010, 7:00 pm

C# Parsing

What Is It:

In C# "Parsing" is basically analyzing something and attempting to convert it.

Getting Started:

Start by creating a new textBox and Button. What we want to accomplish here is popping up a MessageBox that shows the value of your integer. However, we cannot just show the integer value, we must parse it!

First, create a new integer and set it equal to your textbox's text.

```
Code int test = textBox1.Text;
```

Now, this will not work! This is because we are attempting to set a number variable equal to text. So, in order for this to work, we need to parse it.

```
Code int test = int.Parse(textBox1.Text);
```

```
int.Parse(textBox1.Text)
```

All this does is parse the text inside of the textbox into an integer value, pretty easy, huh!

Showing The Number

Code `MessageBox.Show(test.ToString());` This was explained in my previous tutorial.

Spoiler ([Click to View](#))

Code:

```
Code private void button1_Click(object sender, EventArgs e)
{
    int test = int.Parse(textBox1.Text);

    MessageBox.Show(test.ToString());
}
```

ImSpare - October 20, 2010, 7:42 pm

A more advanced version would be

```
Convert.ToInt32(textbox1.Text);
```

Pulser - October 20, 2010, 7:44 pm

(Oct 20, 2010 07:42 PM)drawsun Wrote: ([CITE](#)) A more advanced version would be

```
Convert.ToInt32(textbox1.Text);
```

Thanks for the feedback! As I'm sure you can tell, I am catering to beginners.

xSilent - October 20, 2010, 8:02 pm

(Oct 20, 2010 07:42 PM)drewsun Wrote: [\[CITE\]](#) A more advanced version would be

```
Convert.ToInt32(textbox1.Text);
Code int ToInt(object obj)
{
return Convert.ToInt32(obj);
}
Code int i = ToInt(textBox1.text)
Easier to keep track if your dealing with alot of code.
```

Pulser - October 20, 2010, 8:03 pm

(Oct 20, 2010 08:02 PM)xSilent Wrote: [\[CITE\]](#) Code int ToInt(object obj)

```
{
return Convert.ToInt32(obj);
}
Code int i = ToInt(textBox1.text)
Easier to keep track if your dealing with alot of code.
Thanks a lot! Hopefully the people learning will take a look at all of our snippets.
```