

Re: Object instantiation in C#

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2005-08/msg02657.html>

- *From:* "Dave" <Dave@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 12 Aug 2005 08:49:34 -0700
-

Aha – got it. I never thought of initialising to null. As I think I've mentioned before, Jesse Liberty's book doesn't seem to cover null at all. Many thanks for that.

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Dave

"Bill Butler" wrote:

```
> "Dave" <Dave@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> news:2C4B357F-1521-4CFA-95A5-04F01E8073DB@xxxxxxxxxxxxxxxxxxxxx
>
>> I have a class MyClass that throws exceptions. It could throw one in the
>> constructor. If it throws I want to call another method on it (maybe
>> request
>> status)
>
> When an UNCAUGHT exception occurs in a constructor, the object is not
> created.
> Also the assignment never takes place ,so your reference will still be
> pointing to whatever it was pointing to before.
>
> Lets use this class for these examples:
>
> class Bad
> {
> public int X;
> public Bad(int x)
> {
> if (x > 3)
> throw new Exception("(x > 3)");
> X = x;
> }
> }
> -----
> Example 1: // similar to your example
> public static void Test1()
> {
```

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```
> Bad bad = null; // This was what the compiler was complaining
> about
> try
> {
> bad = new Bad(5);
> }
> catch (Exception ex)
> {
> if (bad == null)
> Console.WriteLine("(bad == null)");
> else
> Console.WriteLine("bad.X = {0}", bad.X);
> }
> }
> -----
> Output:
> (bad == null)
> =====
> Example 2: // Add a loop
>
> public static void Test2()
> {
> Bad bad = null; // This was what the compiler was complaining
> about
>
> for (int i = 0; i < 10; i++)
> {
> try
> {
> bad = new Bad(i);
> }
> catch (Exception ex)
> {
> if (bad == null)
> Console.WriteLine("(bad == null)");
> else
> Console.WriteLine("bad.X = {0}", bad.X);
> }
> }
> }
> -----
> Output:
> bad.X = 3
> bad.X = 3
> bad.X = 3
> bad.X = 3
> bad.X = 3
> bad.X = 3
> =====
>
>
```

- > Hope this Helps
- > Bill
- >
- >
- >
- .

- ***Follow-Ups:***

- ◆ ***Re: Object instantiation in C#***
 - ◇ *From: Bill Butler*

- ***References:***

- ◆ ***Object instantiation in C#***
 - ◇ *From: Dave*
- ◆ ***Re: Object instantiation in C#***
 - ◇ *From: Bill Butler*
- ◆ ***Re: Object instantiation in C#***
 - ◇ *From: Dave*
- ◆ ***Re: Object instantiation in C#***
 - ◇ *From: Bill Butler*

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