

Re: What's the syntax for a "char" constant? How about an hex integer?

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2005-11/msg01650.html>

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- *From:* "Jon Skeet [C# MVP]" <[skeet@xxxxxxxx](mailto:skeet@xxxxxxxx)>
  - *Date:* 18 Nov 2005 07:05:04 -0800
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Cosmin Prund wrote:

> This is supposed to be very easy, only I did not find this in MSDN so I'll  
> ask here:  
>  
> How do I enter a char constant using the char's ASCII number? Specifically I  
> want to be able to compare a char to one of CR, LF, TAB (i.e: char number  
> 13, 10, 9).

The best way of doing those three is '\r', '\n' and '\t'. However, you  
\*can\* use:

'\u000d' '\u000a' and '\u0009'

Alternatively, just:

```
const char CR = (char)13;
```

> I suppose there's a problem because c#'s char's are unicode and I'm talking  
> ascii codes, but there must be a way to do it!

Fortunately all ASCII characters have the same value in Unicode.

> And while I'm at it, how do I enter a constant integer using HEX notation or  
> BINARY? Again, if I wore programming Delphi I would do something like this:  
> <code>  
> const i = \$1234;  
> </code>

```
const int i = 0x1234;
```

Jon

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- *Follow-Ups:*

Re: What's the syntax for a "char" constant? How about an hex integer?

◆ [Re: What's the syntax for a "char" constant? How about an hex integer?](#)

◇ From: Cosmin Prund

• **References:**

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◇ From: Cosmin Prund

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