

Re: How to construct a string with bunch of hex numbers?

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2007-09/msg01221.html>

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- *From:* Doug Semler <[dougsemler@xxxxxxxx](mailto:dougsemler@xxxxxxxx)>
  - *Date:* Tue, 11 Sep 2007 14:31:06 -0700
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On Sep 11, 5:12 pm, dh <[d...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:d...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

"Doug Semler" wrote:

On Sep 11, 4:14 pm, dh <[d...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:d...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

If there's bunch of hex numbers: 0xA6, 0xD9, 0x00, 0xAA, 0x00, and 0x62, how to construct a string ("string" in C#) with those hex numbers?

What do you mean by "a bunch of hex numbers?" Do you mean an array of bytes? if so:

```
string s = BitConverter.ToString(byteArray);
```

would give you a string that looked like "A6-D9-00-AA-00-62"

No. I'd like to have a string like "xyzabc" and each ASCII char corresponds to a hex number.

Please define "bunch of hex numbers." How are they being stored? Array of bytes? Array of chars? in an array of doubles? Are the "hex" digits only going to be ASCII or are they Unicode characters? From your numbers above, you aren't representing an ASCII string anyway so then you have to start getting into Char conversions and how to do that properly.

There are a few overloads of the String() class that take in an array of Char or a pointer to sbyte (last one must be null terminated and is

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only used in unsafe code)...