

Re: Finding a pattern in a stream?

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2004-11/0726.html>

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Just doing a quick read of the page it looks as though Regex functions similarly to the InStr() function. Is Regex actually faster and more efficient than using InStr?

Also, how would I find my pattern if it is broken up into two "reads"? For example, I wait for a DataArrival event, read from the serial port and pass the data out the TCP port. Say the string i'm looking for is "+++ATH". So I read the serial port and receive "<other data>+++A" and then on the next read of the serial port I get "TH<more data>". Or maybe it could conceivably be broken up into 3 or more reads. Is this a situation where I just have to concatenate the current read with the previous read and then look for the pattern? Or is there a better way?

Thanks for the help.

Terry

"Ken Tucker [MVP]" <vb2ae@bellsouth.net> wrote in message news:OS2b0jZwEHA.2540@TK2MSFTNGP09.phx.gbl...

> Hi,

>

> *Regular expression are the best way to find patterns.*

>

> <http://msdn.microsoft.com/library/default.asp?url=/library/en-us/cpguide/html/cpconCOMRegularExpressions.asp>

>

> Ken

> -----

> "Terry Olsen" <tolsen64@hotmail.com> wrote in message

> news:%239qzs1WwEHA.2192@TK2MSFTNGP14.phx.gbl...

> *Is there a good way to find a pattern of bytes/chars in a stream? I've*

> *got*

> *a serial port connected to a tcp port. I need to be able to catch a*

> *unique*

> *character string in the stream so that I can perform certain functions.*

> *For*

> *example, I have a telnet client connected to an Apple II through the*

> *serial*

> *port. The user at the telnet terminal is using the BBS running on the*

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- > *Apple*
- > *II just like the good ole days of dialup BBS's. I need to be able to*
- > *catch*
- > *a "command string" sent out from the Apple II (like the "+++ATH") that*
- > *tells*
- > *my app to disconnect the telnet client (in lieu of the modem hanging up).*
- > *Is there a good way to do this?*
- >
- >
- >