

## Re: Finding out if a given character is in UpperCase, LowerCase or Numeric

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*Source:* <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.syntax/2008-07/msg00007.html>

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- *From:* "Tony Proctor" <[tony\\_proctor@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:tony_proctor@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 3 Jul 2008 09:59:08 +0100
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The 'A' versions work with Japanese, etc., too Sinna. However, the "ANSI character set" being used is different in different locales. The main advantage of using Unicode data and support is that the interpretation of the data is unambiguous, and not subject to misinterpretation when moving it from one place to another

Tony Proctor

"Sinna" <[news4sinna\\_NOSPAM@xxxxxxxxxxx](mailto:news4sinna_NOSPAM@xxxxxxxxxxx)> wrote in message [news:%23RIWUZN3IHA.5024@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23RIWUZN3IHA.5024@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Tony Proctor wrote:

I shouldn't worry Sinna. I'm sure the OP wasn't really interested in worldwide distribution :-)

I always try to bring the subject up whenever I can, though, just to remind people. The majority of applications written in the Western world are not globally aware, and it doesn't make any difference whether the programming language uses Unicode, or offers locale-aware support. I've been involved in international projects for 20 years and developers always make the same mistakes or assumptions. :-(

It's not just a matter of character sets, or alphabets (as in this case), or decimal-point/triple-point characters, or date representations, or boolean representations, etc. There are fundamental differences at the local language level such as how the sentences are put together (affects parameter placement, for instance), or the concept of plurals, or the concept of masculine/feminine, etc. Even writing English language s/w for UK and US distribution should consider such differences, although it rarely does

Ah well, back to work, eh?

Tony Proctor

"Sinna" <[news4sinna\\_NOSPAM@xxxxxxxxxxx](mailto:news4sinna_NOSPAM@xxxxxxxxxxx)> wrote in message [news:e3fqu0A3IHA.2348@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:e3fqu0A3IHA.2348@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Re: Finding out if a given character is in UpperCase, LowerCase or Numeric

Tony Proctor wrote:

Being pedantic, most of the replies to your question are not totally accurate. If all you're interested in is A-Z and a-z then they'll do. However, be aware that other languages based on the Latin alphabet may have diacritical marks (aka accents) and so simply looking at A-Z will not work.

For instance, consider A with an acute accent. Chr\$(193) is the uppercase and Chr\$(225) is the lowercase.

That's why I stated in my reply that I was only covering ANSI/ASCII. Now I read your reply, I should have said: ASCII-7.

Sinna

Well, most examples I find on the Internet don't cover Unicode at all, especially when calling APIs. Before I had to introduce Japanese language support in my application, I didn't either, but since then, I always try to use the W-variant of the API (if available). I don't have to deal with the A-variant anymore as the 'oldest' OS my application supports is Win2k. Fact is that calling the W-variants is quite a lot harder to implement (and so to read as newbie).

Sinna