
Subject: Re: APGAR cipher to C#/VB.Net
Posted by [halo2pac](#) on Mon, 26 Jan 2009 21:09:10 GMT
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CarrierII wrote on Mon, 26 January 2009 09:30 First you missed the ./ off the end of the string U. It needs to be 64 characters long.
thought that was some sort of Perl escape thingy.

CarrierII wrote on Mon, 26 January 2009 09:30 Second, the "7 - i" should have read "8 - i" like in the original Perl.

Third, the "8-\$i" in the original Perl points to the null terminator when \$i is zero (for a string s that is 8 characters long, s[8] returns the null terminator). So Asc(8-i) when i = 0 needs to return 0, as in my revised version.

ya I was wondering why there was an 8. (this is why im not coding my stuff in perl :S)

CarrierII wrote on Mon, 26 January 2009 09:30 Fourth, a small optimization: since we only ever get to this line

```
temp = Asc(a) << (Asc(a) And 1) And Asc(v(7 - i))
```

if Asc(a) And 1 = 1, I replaced the former by the latter.
beautiful! I think I tried that at some point (i didnt paste all 600 attempts :S) but I screwed up on other areas.

CarrierII wrote on Mon, 26 January 2009 09:30 I tested it on some of the strings in your table and it looks to be working.
IT WORKS!

CarrierII wrote on Mon, 26 January 2009 09:30 Hope that helps
Immensely.

CarrierII wrote on Mon, 26 January 2009 09:30 CarrierII's brother (ahydra)
Well thank you very much ahydra.

This has to be the toughest thing I have ever attempted to code.

Also thanks much to the following people who helped me and aca20031:

Roshambo
Zack
Dave
Ghostshaw

... I hope I am not forgetting anyone.. if i am... pm me and I will thank you xD