

Forum: [Hack Forums](#)

Thread: [\[Vb.Net\] Pr0t0typ3s String Functions Megathread \[Encoding/Cipher/Encryption/Hash\]](#)

pr0t0typ3 - September 9, 2010, 4:15 am

Hey guys

In the last 6 Hours I spend on my PC I wrote a collection of many useful/interesting functions about Strings ...

In this Thread you'll find:

Hash:

- MD5
- SHA1
- SHA256
- SHA348
- SHA512
- RIPEMD-160

[Here](#)

Encryption:

- XOR
- CustomXOR (Modded by pr0t0typ3)
- DES
- 3DES
- AES
- RSA
- RC2

[Here](#)

Encoding:

- BASE64
- String2Hex
- Hex2String

[Here](#)

Cipher:

- ROT13
- ZARA-128

[Here](#)

I'll keep updating this ... Now have Fun and post some Feedback !

rapidguide - September 9, 2010, 4:20 am

Great pr0t0typ3 is one Of The Best Coder I Seen In Life
Keep It UP Bro

Coder - September 9, 2010, 4:41 am

This is awesome, thanks for sharing. :)

flAmingw0rm - September 9, 2010, 4:42 am

Thanks for sharing. ?

I'm pretty sure many people will find this useful.

pr0t0typ3 - September 9, 2010, 4:44 am

As Always you are welcome as long as you post feedback and give credits

d3c0mpil3r - September 9, 2010, 6:06 am

As always you share very good stuff !
Will be useful later :)

Asus - September 9, 2010, 8:48 am

Nice share bro, keep this work up!

pr0t0typ3 - September 9, 2010, 9:45 am

(Sep 9, 2010 08:48 AM)Asus Wrote: [\[CITE\]](#) Nice share bro, keep this work up!!I'll as someone has to keep this section 'alive'..

Posting tuts of old ideas over and over again will make some new thread but it is not attractive for any user to stay here...

Also it is okay to post you questions about code if you did a search or atleast tried it and you explain what problem you have ...

Posts like 'Yo my VS always crashes ! Help me ! I'm a super pro h3xxor but I can't make vb Run' are not interesting for anyone as you can't even try to help the post if you want as you don't know his problem.

pr0t0typ3 - September 10, 2010, 12:52 am

little for my fav <3 thread

n0\$f3ratu\$ - September 10, 2010, 1:26 am

???

Thank you.

pr3fix - September 10, 2010, 1:41 am

Great job pr0t0, everything seems to be in the right place.

pr0t0typ3 - September 10, 2010, 1:50 am

(Sep 10, 2010 01:41 AM)pr3fix Wrote: [\[CITE\]](#) Great job pr0t0, everything seems to be in the right place.

Thank you bro.. as I already said: Someone has to keep the section alive

pr3fix - September 10, 2010, 2:04 am

True, I would but I don't have time...

:)

pr0t0typ3 - September 10, 2010, 2:07 am

(Sep 10, 2010 02:04 AM)pr3fix Wrote: [\[CITE\]](#) True, I would but I don't have time...

:)

yeah that's alright... If there would be kind of 2nd level coding section you can only see if you proofed that you are a good coder then I would keep posting all day but in this enviroment I'll stop soon

BreakRulez - September 10, 2010, 2:55 am

Awesome Work Mate ? ?

6e756c6c - September 10, 2010, 5:40 am

You should use Encoding.UTF8 instead of ASCII/Default. ASCII only supports the first 128 characters while UTF8 supports all 255 and it's backwards compatible with ASCII.

I also noticed you have an implementation of RSA which needs to be worked on actually since it's a public/private keyset.. but that's not what I wanted to talk about. Before 100 people start using it in their crypters it should be noted that RSA should only be used with very small amounts of data - such as a key for a symmetric encryption.

I have a video explaining asymmetric encryption if anyone is interested (was sick when I recorded it), here's a link.

<http://www.youtube.com/watch?v=Wy5HuZlv9gY>

pr0t0typ3 - September 10, 2010, 5:48 am

(Sep 10, 2010 05:40 AM)Aeonhack Wrote: [\[CITE\]](#) You should use Encoding.UTF8 instead of ASCII/Default. ASCII only supports the first 128 characters while UTF8 supports all 255 and it's backwards compatible with ASCII.I'll update that later thank you

Cyberworms - September 10, 2010, 9:10 am

Hello, i cant get the link to work :S... i have try in Firefox, IE, Chrome. Can you please upload to Some other site? etc Mediafire or something.

Krex Productions™ - September 10, 2010, 11:22 am

This works great mate! really good code mate.

ubbelol - September 10, 2010, 11:37 am

I think you got something wrong there with your ROT13 function

```
Code Public Function ROT13(ByVal input As String) As String
    Dim out As New System.Text.StringBuilder
    For i As Integer = 0 To input.Length - 1
        out.Append(Chr(Asc(input(i)) Xor 13)) '??
    Next
    Return out.ToString
End Function
```

You should take a look at this ROT13 function (encoding), not by me btw

```
Code Public Function ROT13Encode(ByVal InputText As String) As String
    Dim i As Integer
    Dim CurrentCharacter As Char
    Dim CurrentCharacterCode As Integer
    Dim EncodedText As String = ""
```

```
'Iterate through the length of the input parameter
```

```
For i = 0 To InputText.Length - 1
```

```
'Convert the current character to a char
```

```
CurrentCharacter = System.Convert.ToChar(InputText.Substring(i, 1))
```

```
'Get the character code of the current character
```

```
CurrentCharacterCode = Microsoft.VisualBasic.Asc(CurrentCharacter)
```

```

'Modify the character code of the character, - this
'so that "a" becomes "n", "z" becomes "m", "N" becomes "Y" and so on
If CurrentCharCode >= 97 And CurrentCharCode <= 109 Then
CurrentCharCode = CurrentCharCode + 13

Else
If CurrentCharCode >= 110 And CurrentCharCode <= 122 Then
CurrentCharCode = CurrentCharCode - 13

Else
If CurrentCharCode >= 65 And CurrentCharCode <= 77 Then
CurrentCharCode = CurrentCharCode + 13

Else
If CurrentCharCode >= 78 And CurrentCharCode <= 90 Then
CurrentCharCode = CurrentCharCode - 13
End If
End If
End If 'Add the current character to the string to be returned
End If
EncodedText = EncodedText + Microsoft.VisualBasic.ChrW(CurrentCharCode)
Next i

Return EncodedText
End Function 'ROT13Encode

```

pr0t0typ3 - September 10, 2010, 12:13 pm

(Sep 10, 2010 11:37 AM)UbbeLoL Wrote: [\[CITE\]](#) I think you got something wrong there with your ROT13 function

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End If
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```
EncodedText = EncodedText + Microsoft.VisualBasic.ChrW(CurrentCharCode)
```

```
Next i
```

```
Return EncodedText
```

End Function 'ROT13EncodeThat is possible.... I just used Xor as it will also rotate by 13 but it is easier to code/reverse

P.S. I'll later post my Polycipher which is a simple Cipher String which returns Unique results each time but : They are only made of readable ascii values (33 - 255) so you can see them and use them in strings or what ever

wyterzzz - September 10, 2010, 2:56 pm

i don't know why but i can't open right the download links..

Spoiler ([Click to View](http://ploader.net/files/a067220b3a959fbc5aa45d90d2a3fe7c.jpg))[IMG]<http://ploader.net/files/a067220b3a959fbc5aa45d90d2a3fe7c.jpg>[/IMG]

Rue - September 10, 2010, 4:05 pm

You got some really bad coding practices Prototype.

A lot of unnecessary stuff like declaring temp vars and not really making use of the .net framework.

For example your md5 function:

```
Code Public Function MD5Hash(ByVal input As String) As String
```

```
Dim MD5 As New System.Security.Cryptography.MD5CryptoServiceProvider
```

```
Dim Data As Byte()
```

```
Dim Result As Byte()
```

```
Dim Res As String = ""
```

```
Dim Tmp As String = ""
```

```
Data = System.Text.Encoding.ASCII.GetBytes(input)
```

```
Result = MD5.ComputeHash(Data)
```

```
For i As Integer = 0 To Result.Length - 1
```

```
Tmp = Hex(Result(i))
```

```

    If Len(Tmp) = 1 Then Tmp = "0" & Tmp
    Res += Tmp
Next
Return Res
End Function
My Md5 Function:
VB
Code Private Shared Function MD5String(str As String) As String
    Return
BitConverter.ToString(MD5.Create().ComputeHash(Encoding.ASCII.GetBytes(str))).Replace("-", "")
End FunctionC#
Code static string MD5String(string str)
{
    return
BitConverter.ToString(MD5.Create().ComputeHash(Encoding.ASCII.GetBytes(str))).Replace("-", "");
}
This could be applied to nearly ALL of your snippets.
Learn to code before teaching people bad ways of doing shit.

```

6e756c6c - September 10, 2010, 4:22 pm

That's not nice Rue, your code has flaws in it too... like using ASCII encoding or defining an entire string for a single character. I'm not saying you are wrong, but you could be a bit more considerate with your criticism. :(

pr0t0typ3 - September 11, 2010, 1:51 am

(Sep 10, 2010 04:05 PM)Rue Wrote: [\[CITE\]](#) You got some really bad coding practices Prototype. A lot of unnecessary stuff like declaring temp vars and not really making use of the .net framework. This could be applied to nearly ALL of your snippets. Learn to code before teaching people bad ways of doing shit. Edit: You are right but you are still a skiddish flamer and I hate you... You know exactly that what you said it not correct (about me not my code) and I hope you know that and remove it

rapidguide - September 11, 2010, 2:21 am

(Sep 11, 2010 01:51 AM)pr0t0typ3 Wrote: [\[CITE\]](#) Lol are you kidding me ? I tried to do smth. for this section and posted Source codes and everything you have to tell me is that I can't code because I used 6 lines more then you ? You should really think about what you post before you do it... Your code isn't perfect and I USE the .net Framework .. My Code is easier to understand and could be merged without any problems to like 3 lines but hey : In my code you can see what happens and understand it .. I coded this version for debugging and not for a final Application.. It is only a example how to do it P.S. FUCK YOU ! I can code like 100 times as good as you or were you the first one to have a clean working x64 RunPE Did have ever done anything to this forum except flaming ? I can't find any usefull thread by you yah i agree with u dude ? ur sources are very usefull

Neroxan - September 11, 2010, 3:33 am

(Sep 11, 2010 01:51 AM)pr0t0typ3 Wrote: [\[CITE\]](#) P.S. FUCK YOU !Well Said

(Sep 11, 2010 01:51 AM)pr0t0typ3 Wrote: [\[CITE\]](#) I can't find any usefull thread by youAnd even better said ?

pr0t0typ3 - September 11, 2010, 8:23 am

(Sep 11, 2010 03:33 AM)~WyldeChylde~ Wrote: [\[CITE\]](#) Well Said

(Sep 11, 2010 01:51 AM)pr0t0typ3 Wrote: [\[CITE\]](#) I can't find any usefull thread by youAnd even better said ?I can't tell you how glad I'm that I'm not the only one who thinks so
Thank you bro

pr0t0typ3 - September 11, 2010, 9:16 am

I would highly appreciate constructive criticism and it is possible that my code is coded ugly and uses unnecessary vars but that is no reason to f**king flame my thread and tell me that I can't code.. If Rue would have posted it as a criticism and not a flame I would quickly fix the problems and thank him but this ways he is now just hated by me

no1me - September 13, 2010, 12:12 pm

well theres few problems
but he work
anyway just try to fix it
and stop fleming

davae93 - September 13, 2010, 6:29 pm

Thanks man a very useful share GJ

TurokPD - September 13, 2010, 8:50 pm

this is great stuff, thank you for it???

TurokPD - September 14, 2010, 3:49 am

(Sep 10, 2010 04:05 PM)Rue Wrote: [\[CITE\]](#) C#

Code static string MD5String(string str)

```
{  
    return
```

```
BitConverter.ToString(MD5.Create().ComputeHash(Encoding.ASCII.GetBytes(str))).Replace("-", "");  
}
```

This could be applied to nearly ALL of your snippets.

Learn to code before teaching people bad ways of doing shit.

you are not 100% right, actually, using more lines makes the code much more readable.

this:

Code static void Main(string[] args)

```
{  
    int a;  
    int b;  
  
    a = 10;  
    b = 10;  
    Console.WriteLine(10 + 10);  
    Console.ReadKey();  
}
```

compiles to the exact same size as this one:

Code static void Main(string[] args)

```
{  
    Console.WriteLine(10 + 10);  
    Console.ReadKey();  
}
```

so it doesn't matter how many lines you use at all, compiler inlines it for you anyway.

if you are inlining all your code like this

Code return

```
BitConverter.ToString(MD5.Create().ComputeHash(Encoding.ASCII.GetBytes(str))).Replace("-", "");i
```

pray for you not to make any logical error, otherwise have luck debugging it?

WhizKidz - September 14, 2010, 3:57 am

This is AweSome Awesome Thank you

pnKn0wn_H4CK3r - November 18, 2010, 8:59 am

Hi!

Thanks for these functions proto' ? !

Grudgeee - November 18, 2010, 12:32 pm

Thanks so much pr0t0typ3!

GodWall - November 18, 2010, 1:57 pm

Very nice thanks 4 this share :)

Milopeach - May 7, 2011, 1:21 am

Thanks prototype, Just saved all these to meh snippets folder. ?

mrvbdude - May 7, 2011, 5:46 am

Thanks for sharing :)..really learned a lot from your other tutorials too :D

StaTiX - May 7, 2011, 5:55 am

thanks that will come in handy some time

btw do you know how to convert strings to decimical ?

when i try it it says that format is wrong , no idea on how to go around it

TheDubWubCub - June 28, 2011, 6:20 pm

Awesome share, giving you 100% credit! :D thnx!

iBoNeT - June 29, 2011, 3:05 pm

Thank you for sharing, appreciate it. :P

Stenography - July 24, 2011, 5:17 pm

Thanks alot mate !

Realy appreciated.

Stenography - October 8, 2011, 5:53 am

thank you.

Can we find this also in your blog ?

Washi - October 8, 2011, 5:58 am

Aaw, this is just good! I really appreciate it! Thanks a lot Pr0t0typ3! ?

Horrace456 - August 9, 2012, 10:34 am

Bump>Bump>Bump>Bump>Bump>Bump>Bump>Bump>

