
Subject: md5digest format

Posted by [atmks](#) on Fri, 29 Jun 2007 09:45:00 GMT

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hi

how do i convert result of MD5Digest("blabla") to human readable format(32 byte long string)?

thx

Subject: Re: md5digest format

Posted by [mirek](#) on Fri, 29 Jun 2007 09:57:28 GMT

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Well, not that I like that Tom's interface too much...

Anyway, what you get is MD5 as 16 binary bytes stored in String.

What you need to do is to convert them one by one to hex to get the result.

E.g. (not quite optimal speedwise):

```
String x = MD5Digestets(...);
String r;
for(int i = 0; i < x.GetCount(); i++)
    r << FormatIntHex(x[i], 2);
```

should work.

Subject: Re: md5digest format

Posted by [atmks](#) on Fri, 29 Jun 2007 10:27:56 GMT

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thx for the fast answer, but the code doesn't work,

program does create very long string, aprox 70-80 char

```
String x = MD5Digest("alajos");
String r;
for(int i = 0; i < x.GetCount(); i++) {
    r << FormatIntHex(x[i], 2);
}
```

```
Cout() << r << '\n';
```

result:

```
4c681e2952ffffff88ffffffbffffffde2058360bffffffb2ffffffddffffffe6ffffffbb
```

Subject: Re: md5digest format
Posted by [atmks](#) on Fri, 29 Jun 2007 10:45:54 GMT
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this code does work, but very ugly

```
String x = MD5Digest("alajos");  
String r;  
for(int i = 0; i < x.GetCount(); i++) {  
    int a = 0;  
    char * ptr = (char*)&a;  
    *ptr = x[i];  
    r << FormatIntHex(a, 2);  
}  
  
Cout() << r << '\n';
```

Subject: Re: md5digest format
Posted by [mirek](#) on Fri, 29 Jun 2007 14:13:36 GMT
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Sorry:

```
String x = MD5Digest("alajos");  
String r;  
for(int i = 0; i < x.GetCount(); i++)  
    r << FormatIntHex((byte)x[i], 2);
```

(need to cast to (byte), otherwise char converts to negative integers...)

Mirek

Subject: Re: md5digest format
Posted by [atmks](#) on Sun, 01 Jul 2007 18:08:52 GMT
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thx
