Question
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%SYSTEM.Encryption MD5Hash function -return value conversion

Hi,

We wanted to use the MD5Hash function,

And had trouble understanding it's return value , as documented:

"Return value: 16-byte MD5 hash."

The value we wanted should have been a simple string, and we did not know how to convert the output to string.

Searching for a solution we found this article:

https://groups.google.com/forum/#!msg/intersystems-public-cache/FdkHIgS9PkQ/P7s-92kN7OUJ

That had this solution that works:

"If you know what this gibberish stuff is about, it can be very simple ;)

```
USER> s h = ##class(%SYSTEM.Encryption).MD5Hash("f...@baz.com")
USER> s hOx = ""
USER> f i=1:1:$l(h) {s chr = $zhex($ascii($e(h,i))) s hOx = hOx _
$s($l(chr) = 1: "0"_chr, 1:chr)}
USER> w $zcvt(hOx,"l")
1d2fd35d57d574b807a807b507528b19"
```

And also a simpler solution:

```
"  s pwd="12345678"
  s md5=$system.Encryption.MD5Hash(pwd)
  s md5hex=##class(%xsd.hexBinary).LogicalToXSD(md5)
  w md5hex,! "
```

Is this issue addressed in Cache documentation? and is there a more standard way to get the string result?

Regards,

Nael

#Encryption #Caché