
Subject: Re: OpenSSL encryption and hashing functions in U++
Posted by [koldo](#) on Tue, 11 May 2010 07:10:29 GMT
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Here I explain you some advantages of functions proposed:

- AESStream: It is an easy way to do strong encryption of Strings or files.
 - SHA-2: Actually U++ includes SHA-1 support. However, from Wikipedia:
SHA-1 is being retired for most government uses; the U.S. National Institute of Standards and Technology says,
"Federal agencies should stop using SHA-1 for...applications that require collision resistance as soon as practical,
and must use the SHA-2 family of hash functions for these applications after 2010"
Thanks to OpenSSL the SHA-2 implementation is very thin and simple.
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