Subject: Core/SSL crashes at exit on Linux.
Posted by Oblivion on Fri, 02 Feb 2018 12:06:02 GMT
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Hello,

SSL 1.1.0, crashes on cleanup (always).

(InitExit.cpp, line 90):

sk_SSL_COMP_free(pCOMP); // According to gdb, pCOMP seems to be a a valid pointer but app crashes after this line.
// Commenting out this line prevents crashes, but I'm not sure if it leaks or not. (U++'s allocators don't complain)

It crashes after this line, not in it, so a double freeing might be happening. I'm not familiar with low level code of OpenSSL but it says:

https://www.openssl.org/docs/man1.1.0/ssl/SSL_COMP_add_compr ession_method.html
Quote:
In versions of OpenSSL prior to 1.1.0 SSL_COMP_free_compression_methods() freed the internal table of compression methods that were built internally, and possibly augmented by adding SSL_COMP_add_compression_method(). However this is now unnecessary from version 1.1.0. No explicit initialisation or de-initialisation is necessary. See OPENSSL_init_crypto and OPENSSL_init_ssl. From OpenSSL 1.1.0 calling this function does nothing.

Best regards,
Oblivion