

Forum: [Hack Forums](#)

Thread: [C++ Encryption/ Decryption/ SSL/ Hashing/ Cracking](#)

nucleo_type09 - April 12, 2024, 4:57 pm

user-friendly c++ crypto class, based on cryptopp library, abstracts away all the crap beginners don't want to have to do, encrypt, decrypt, create ssl public/private keys, and hash with a single call..

```
Code #include "lib/viper.hpp"
```

```
using namespace std;
using namespace ViperCipher;
```

```
int main(int argc, char **argv)
{
```

```
    string plain = "something to hash";
```

```
    Viper *viper = new Viper();
```

```
    string_view enc = viper->Encrypt(plain);
    string_view dec = viper->Decrypt(enc);
```

```
    std::cout << "Encrypted: " << enc << std::endl;
    std::cout << "Decrypted: " << dec << std::endl;
```

```
    delete viper;
```

```
    return EXIT_SUCCESS;
```

```
};
```

if you like it, you can find the full library here: <https://github.com/nucleoType98/Crypto-Viper.git>, i made it just to make life easier for who doesn't like too much boilerplate, it works on Linux OS (x86-64 bit Architectures), i dont know about Windows and Mac OS, but i think it should work as well... i also added a function to brute force a hash cipher, using any key size(1,224,256, 384, 512)... which will require an hashed string, and it will start try to brute force crack it

Hackers - April 14, 2024, 10:19 am

(Apr 12, 2024 04:57 PM)nucleo_type09 Wrote: [\[CITE\]](#) user-friendly c++ crypto class, based on cryptopp library, abstracts away all the crap beginners don't want to have to do, encrypt, decrypt, create ssl public/private keys, and hash with a single call..

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Nice share, I'm surprised nobody has responded to this, but thanks for mentioning it in my thread. Does your tool handle other types of strings, such as when a size must be declared, or would you recommend that this string type is converted? I had experimented with this in my own class & it's tough because if you convert a string type in runtime to & from, you end up leaving the string exposed unless you manually clear it, which makes it clunky to use runtime decryption. So, I started working on bringing over more types to my class so that this isn't needed. just wondering what your solution is for strings that require size to be defined.

nucleo_type09 - April 14, 2024, 11:25 am

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well i essentially perform a deep garbage collection at the destruction of the object, so nothing is left, i yeah as i already said, my version of crypto class does encryption, decryption, hashing with different block sizes, generates ssl public/private keys, also has a special function that cracks ciphers.. i thought it will be interesting tho... also for this i have a git repo with a full documentation about it at <https://github.com/nucleoType98/Crypto-Viper.git>, i spend maybe 2 weeks on this, just for the documentation maybe a 4-5 days haha, man, i hate documentations ?

Hackers - April 15, 2024, 7:07 am

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Have you thought about using AI for documentation? It's really, really helpful.

You can give it your codebase, have it write out function types/definitions, and start writing up docs. I always review for accuracy, but with proper prompting and having it do it piece by piece, it usually

ends up very well-documented.

nucleo_type09 - April 15, 2024, 8:30 am

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i used gpt for a feedback, but did not try for the actual documentation, i'll try, but i didn't so far bcz i'm trying to keep things legit, meaning i do really want to have my signature over my work, even with errors if needs to be, those errors can be removed eventually, but i feel like if i let gpt do my stuff then it would have less sense to me, idk if that makes sense to u tho haha, do u also feel sometimes the need to leave your signature on your work or you don't really care about it?