
Subject: Re: Protect package - A starting copy protection system

Posted by [ratah](#) on Wed, 28 Dec 2011 09:54:21 GMT

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Hello everybody,

I try to use Protect package with MingW on Windows but it seems it does not support assembler.

Here is my code

```
/*#include <CtrlLib/CtrlLib.h>
#include <Protect/Protect.h>
```

```
using namespace Upp;
```

```
void decrypt(byte *start, size_t len, byte const *nonce, size_t nonceLen)
{
    return PROTECT_DECRYPT( start, len,
        "\xAA\xBB\xCC\xDD\xEE\xFF\x00\x11\x22\x33\x44\x55\x66\x77\x88\x99", nonce, nonceLen);
}
```

```
void MyEncryptedFunction()
{
    PROTECT_START_FUNC(decrypt);
    PromptOK("solved");
    PROTECT_END_FUNC;
}
```

```
GUI_APP_MAIN
{
    ON_PROTECT_BAD_KEY(decrypt)
    {
        PromptOK("License error");
        exit(1);
    }
}
```

```
MyEncryptedFunction();
}
*/
```

```
#include <CtrlLib/CtrlLib.h>
```

```
#include <Protect/Protect.h>
```

```
using namespace Upp;
```

```
String GetKey(void)
{
    return ScanHexString("AABBCCDDEEFF00112233445566778899");
}
```

```

}

void Decrypt(byte *start, size_t len, byte const *nonce, size_t nonceLen)
{
    PROTECT_DECRYPT ( start, len, GetKey(), nonce, nonceLen );
}

double CryptedTest(double d, double e)
{
    PROTECT_START_FUNC(Decrypt);

    double f;
    f = d * e;

    PromptOK("CryptedTest DECRYPTED SUCCESSFULLY!!!");
    return 2 * f + e;

    PROTECT_END_FUNC;
}

double ObfuscatedTest(double d, double e)
{

    // WARNING -- DON'T PUT ANY return STATEMENT BETWEEN
    // OBFUSCATE_START and OBFUSCATE_END
    OBFUSCATE_START_FUNC;

    double f;
    f = d * e;

    PromptOK("ObfuscatedTest DEOBFUSCATED SUCCESSFULLY!!!");

    OBFUSCATE_END_FUNC;

    return 2 * f + e;
}

GUI_APP_MAIN
{
    ON_PROTECT_BAD_KEY(Decrypt)
    {
        bool res = PromptYesNo("Bad key !!&Do you want to continue anyways ?");
        if(!res)
            exit(0);
    }

    double d = CryptedTest(3, 4);

```

```
d = ObfuscatedTest(3, 4);  
d = ObfuscatedTest(3, 4);  
  
PromptOK("FINISHED OK !!");  
  
}
```

Here is the error

Do you have an idea?

Thanks and Best wishes for the New year 2012.

Ratah

File Attachments

1) [bug.jpg](#), downloaded 1062 times
