Subject: Protect package - A starting copy protection system
Posted by mdelfede on Sun, 19 Sep 2010 19:07:57 GMT
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I added a symple code copy protection / encryption package (Protect) with the encryptor itself (ProtectEncrypt) and a test application (ProtectTest).

Please read the help inside Protect package in order to setup the encryptor.
Once properly setup, the system is transparent to TheIde build system; code will be automatically encrypted upon build.

Please try it with the ProtectTest demo package:

1) Load and build ProtectEncrypt package; if possible put the resulting executable somewhere in your execution path (/usr/bin for Linux, system32 directory for windows). If you prefere, you can leave executable in upp/out folder, but you'll have to give the full executable path to custom build step, see below.

2) Open the demo project ProtectTest; choose the 'GUI PROTECT' build flags AND update the custom build step to match location of your ProtectEncrypt executable; please leave the demo KEY as it is.

3) Build and run the ProtectTest package. If all went OK, you'll see a couple of message boxes telling you that, OR possibly you didn't choose the 'GUI PROTECT' build flags, in which case the encryptor isn't operating.

4) When all above is working, try to change the key inside GetKey() function in ProtectTest package, making it different from the one inside the custom build step line.
Running the app will make it crash, as it'll be executing garbage code instead of un-encrypted one.

REMARKS :

-- if you don't choose the 'GUI PROTECT' build method, encryption will be disabled and your app will run unprotected.

-- if you don't put the right executable path on custom build step, the encryptor won't work, BUT the decryptor inside test app will... so you'r app will crash when run.

This one IS NOT a commercial grade copy protection system, but just a starting point for software locking/encryption; feel free to add suggestions/enhancements to it !

Ciao

Max