

Forum:[Hack Forums](#)

Thread: [\[GoLANG\] SimpleLicense Go Based Licensing System](#)

SIM-297877 - April 15, 2017, 6:22 am

SimpleLicensing; <https://github.com/SaturnsVoid/SimpleLicensing>

A VERY BASIC Go Based Licensing System for Digital Rights Management

Included is a simple Server i built to handle the backend things, a database.sql file (you need to import into MySQL), the main package (License.go), and a example client show you how it could be used.

This is something i put together fast, but it works. Feel free to use it as you please.

How it Works

Server creates a table for license email, license, experation date, and ip
Server generates a license key (XXXX-XXXX-XXXX)
Server encrypts it using your Servers key (Generated on setup) and server gives you it
You give client to buyer/user with license.dat file that contains the encrypted license
Client connects to license server, sending its license.dat
Server trys to decrypt liscense.dat and comapire with any in database
If Server finds the key it check to see if the license is expiered and update last IP
If not expired client runs, else it will tell them its expiered and closes
NOTE: The client must have an internet connection to the license server!

Licensing.go

Licensing can be called at anytime in your program, Just import and select to settings for it. Its a simple one line command.

```
Code Licensing.CheckLicense("{LICESNESSERVER}", {USESSL}, {SILENT})  
{LICESNESSERVER} = http://127.0.0.1:8080  
{USESSL} = true or false to use SSL (Your server will need this setting too).  
{SILENT} = Show messages or not.
```

Server:

- Ability to add new licenses to database
- Config Setup Tool
- Ability to remove liceses from database

Config.toml Format

<https://pastebin.com/7wBaXcu1>

Packages Used:

- github.com/gorilla/mux
- github.com/pelletier/go-toml
- github.com/go-sql-driver/mysql

Go is a amazing and powerful programming language. If you already haven't, check it out;
<https://golang.org/>

Malicious Intent - April 15, 2017, 6:30 am

Nice project and glad to see something GO... will definitely check it out.

SIM-3534567 - April 16, 2017, 3:24 am

nice release i gonna take a look at it later :)

Meave - September 29, 2017, 12:55 pm

Developing GO software recently, this will be of much use and deserves some light, I'll try it out!
Thanks <3

Ken Thompson - September 30, 2017, 3:17 am

Nice contribution, I like it, shame the server isn't in PHP so I don't have to buy a VPS ?

EmptyRedData - October 2, 2017, 8:18 pm

(Sep 30, 2017 03:17 AM)Ken Thompson Wrote: [\[CITE\]](#) Nice contribution, I like it, shame the server isn't in PHP so I don't have to buy a VPS ?

You have plenty of options when it comes to hosting Go applications. Heroku free tier is plenty enough. Loads of cheap VPS options