

输入文件名 "PM10_KnC_CromwellRoad.csv"

```
func main() {  
    originalFilename:= "PM10_KnC_CromwellRoad.csv"  
    CreatePath( path: "./hash")  
    CreatePath( path: "./key")  
    CreatePath( path: "./origData")  
    CreatePath( path: "./getData")  
    ShardCsvByDay(originalFilename)  
}
```

以后经过分片、加密、上传以后生成了 3 个文件夹。

hash	2018/5/12 1:30	文件夹
key	2018/5/12 1:30	文件夹
origData	2018/5/12 1:30	文件夹

分别是：

1.

Project ▾

origData

- KC2_20160101.csv
- KC2_20160102.csv
- KC2_20160103.csv
- KC2_20160104.csv
- KC2_20160105.csv
- KC2_20160106.csv
- KC2_20160107.csv
- KC2_20160108.csv
- KC2_20160109.csv
- KC2_20160110.csv
- KC2_20160111.csv
- KC2_20160112.csv
- KC2_20160113.csv
- KC2_20160114.csv
- KC2_20160115.csv
- KC2_20160116.csv
- KC2_20160117.csv
- KC2_20160118.csv
- KC2_20160119.csv
- KC2_20160120.csv
- KC2_20160121.csv
- KC2_20160122.csv

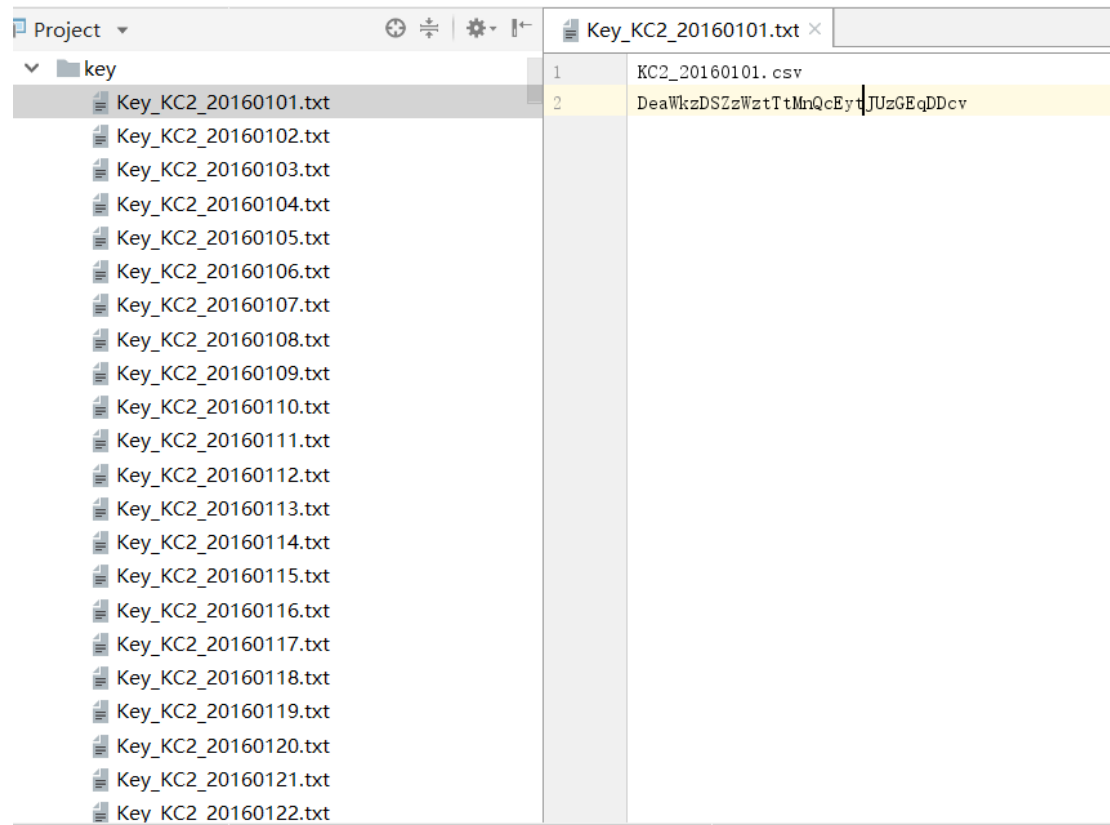
KC2_20160101.csv ×

Plugins supporting *.csv files found.

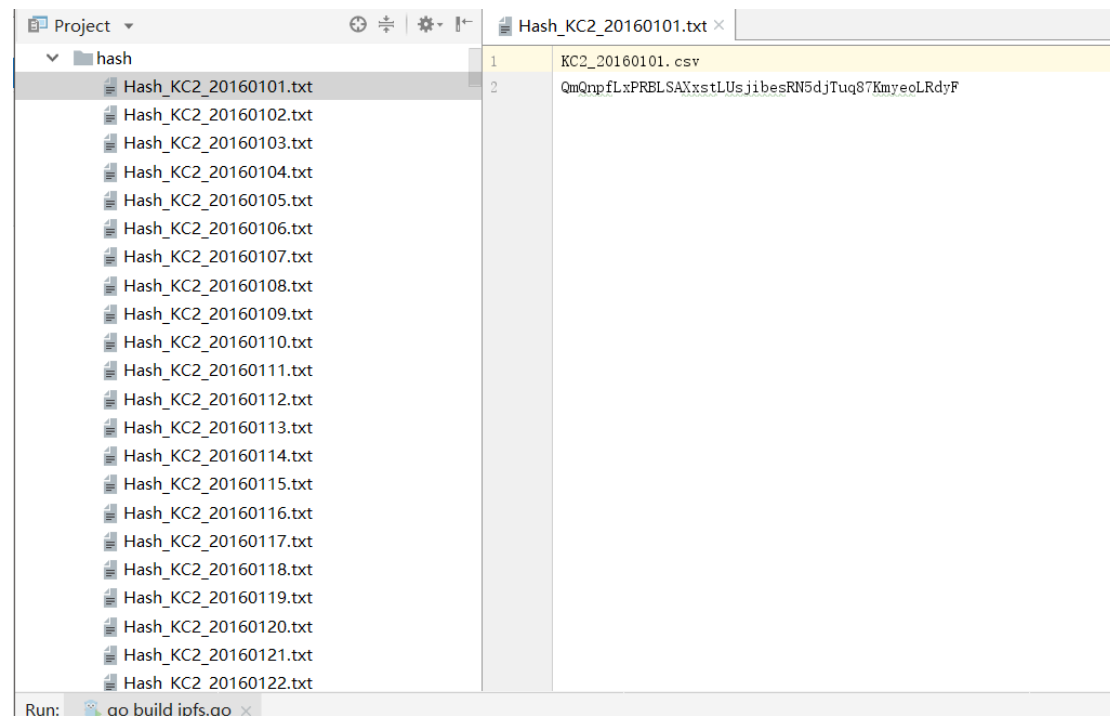
	Site, Species, ReadingDateTime, Value, Units, Provisional or Re
1	
2	KC2, PM2.5, 01/01/2016 00:00, 17.1, ug m-3, R
3	KC2, PM2.5, 01/01/2016 00:15, 17.1, ug m-3, R
4	KC2, PM2.5, 01/01/2016 00:30, 17.1, ug m-3, R
5	KC2, PM2.5, 01/01/2016 00:45, 17.1, ug m-3, R
6	KC2, PM2.5, 01/01/2016 01:00, 26.2, ug m-3, R
7	KC2, PM2.5, 01/01/2016 01:15, 26.2, ug m-3, R
8	KC2, PM2.5, 01/01/2016 01:30, 26.2, ug m-3, R
9	KC2, PM2.5, 01/01/2016 01:45, 26.2, ug m-3, R
10	KC2, PM2.5, 01/01/2016 02:00, 17, ug m-3, R
11	KC2, PM2.5, 01/01/2016 02:15, 17, ug m-3, R
12	KC2, PM2.5, 01/01/2016 02:30, 17, ug m-3, R
13	KC2, PM2.5, 01/01/2016 02:45, 17, ug m-3, R
14	KC2, PM2.5, 01/01/2016 03:00, 22.9, ug m-3, R
15	KC2, PM2.5, 01/01/2016 03:15, 22.9, ug m-3, R
16	KC2, PM2.5, 01/01/2016 03:30, 22.9, ug m-3, R
17	KC2, PM2.5, 01/01/2016 03:45, 22.9, ug m-3, R
18	KC2, PM2.5, 01/01/2016 04:00, 12.1, ug m-3, R
19	KC2, PM2.5, 01/01/2016 04:15, 12.1, ug m-3, R
20	KC2, PM2.5, 01/01/2016 04:30, 12.1, ug m-3, R
21	KC2, PM2.5, 01/01/2016 04:45, 12.1, ug m-3, R
22	KC2, PM2.5, 01/01/2016 05:00, 11.8, ug m-3, R
23	KC2, PM2.5, 01/01/2016 05:15, 11.8, ug m-3, R
24	KC2, PM2.5, 01/01/2016 05:30, 11.8, ug m-3, R

Run: go build ipfs.go ×

2.



3.



每次需要输入哈希文件名和本地文件地址，密钥文件名和本地文件地址才可以下载解密。

```
func AesGet(hashfileName string, hashstr string, keyfileName string, keystr string) {
```

例如 AesGet("Hash_KC2_20160101.txt","hash/","Key_KC2_20160101.txt","key/")

为了测试方便，就在上传一个文件以后直接下载、解密这个文件了，得到批量结果：

The screenshot shows a web application interface. On the left, there is a file explorer showing a directory structure: 'Project' > 'heihei' > 'getData'. Below this, a list of files is displayed, all named 'decrypted_KC2_20160101.csv' through 'decrypted_KC2_20160121.csv'. The file 'decrypted_KC2_20160101.csv' is selected. On the right, a table displays the contents of this file. The table has a header row: 'Site, Species, ReadingDateTime, Value, Units, Provisional'. The data rows show measurements for 'KC2, PM2.5' at various times on 01/01/2016. The values range from 17.1 to 22.9 ug m-3. The table is numbered 1 to 24. A yellow highlight is visible on row 14. At the bottom, a status bar shows 'Run: go build ipfs.go'.

Site	Species	ReadingDateTime	Value	Units	Provisional
KC2	PM2.5	01/01/2016 00:00	17.1	ug m-3	R
KC2	PM2.5	01/01/2016 00:15	17.1	ug m-3	R
KC2	PM2.5	01/01/2016 00:30	17.1	ug m-3	R
KC2	PM2.5	01/01/2016 00:45	17.1	ug m-3	R
KC2	PM2.5	01/01/2016 01:00	26.2	ug m-3	R
KC2	PM2.5	01/01/2016 01:15	26.2	ug m-3	R
KC2	PM2.5	01/01/2016 01:30	26.2	ug m-3	R
KC2	PM2.5	01/01/2016 01:45	26.2	ug m-3	R
KC2	PM2.5	01/01/2016 02:00	17	ug m-3	R
KC2	PM2.5	01/01/2016 02:15	17	ug m-3	R
KC2	PM2.5	01/01/2016 02:30	17	ug m-3	R
KC2	PM2.5	01/01/2016 02:45	17	ug m-3	R
KC2	PM2.5	01/01/2016 03:00	22.9	ug m-3	R
KC2	PM2.5	01/01/2016 03:15	22.9	ug m-3	R
KC2	PM2.5	01/01/2016 03:30	22.9	ug m-3	R
KC2	PM2.5	01/01/2016 03:45	22.9	ug m-3	R
KC2	PM2.5	01/01/2016 04:00	12.1	ug m-3	R
KC2	PM2.5	01/01/2016 04:15	12.1	ug m-3	R
KC2	PM2.5	01/01/2016 04:30	12.1	ug m-3	R
KC2	PM2.5	01/01/2016 04:45	12.1	ug m-3	R
KC2	PM2.5	01/01/2016 05:00	11.8	ug m-3	R
KC2	PM2.5	01/01/2016 05:15	11.8	ug m-3	R
KC2	PM2.5	01/01/2016 05:30	11.8	ug m-3	R