

```
package main
```

```
import (  
    "fmt"  
    "io/ioutil"  
    "net/url"  
    "os"  
    "regexp"  
    "strconv"  
    "strings"  
    "time"  
)
```

```
//### GOCN每日新闻(2017-08-09)
```

```
//1. 函数即服务(FaaS) https://blog.alexellis.io/introducing-functions-as-a-service
```

```
//2. gRPC 和 HTTP 公用端口 https://medium.com/@drgarcia1986/listen-grpc-and-http-requests-on-the-same-port-263c40cb45ff
```

```
//3. Go 与认知模型 , https://medium.com/production-ready/go-mental-models-and-side-effects-2ee60e638c5b
```

```
//4. Golang官方依赖管理工具: dep https://my.oschina.net/u/553243/blog/1504715
```

```
//5. 合理配置GOMAXPROCS提示一倍以上的性能
```

```
https://my.oschina.net/linker/blog/1504199
```

```
/* 编辑: 傅小黑
```

```
/* 订阅新闻: http://tinyletter.com/gocn
```

```
/* GoCN 归档: https://gocn.io/question/1025
```

```
//### GOCN每日新闻(2017-08-10)
```

```
const path = "E:\\201708\\20170807-20170813.md"
```

```
func main() {  
    getNews(path)  
}
```

// 单条新闻数据结构

```
type news struct {  
    ID   int64  
    Title string  
    Link url.URL  
    Ctime time.Time  
}
```

// 获取新闻

```
func getNews(path string) []news {  
    file, err := os.Open(path)  
    defer file.Close()  
    if err != nil {  
        return nil  
    }  
    data, err := ioutil.ReadAll(file)  
    if err != nil {  
        return nil  
    }  
    newsList := []news{}  
    reg := regexp.MustCompile(`(?i)#{0,3}s*GoCN每日新闻\\((\\d-)*\\)\\n+\\d\\. *((.*\\n)+?  
\\n)`)  
    all := reg.FindAllSubmatch(data, -1)  
  
    for _, item := range all {  
        fmt.Println(string(item[1]))  
        fmt.Println(string("*****"))  
        fmt.Println(string(item[2]))  
        singleNews := news{}  
        loc, _ := time.LoadLocation("Local")  
        ctime, err := time.ParseInLocation("2006-01-02", string(item[1]), loc)  
        if err == nil {  
            singleNews.Ctime = ctime  
        }  
    }  
}
```

```
sreg := regexp.MustCompile(`(\d)\.s*(.*)\s+(http.*)\n?`)
sall := sreg.FindAllSubmatch(item[2], -1)
for _, sitem := range sall {
    id, err := strconv.Atoi(string(sitem[1]))
    fmt.Println(id)
    if err == nil {
        singleNews.ID = int64(id)
    }
    singleNews.Title = strings.TrimSpace(string(sitem[2]))
    surl, err := url.Parse(string(sitem[3]))
    if err == nil {
        singleNews.Link = *surl
    }
    newsList = append(newsList, singleNews)
}

return newsList
}
```