golang google drive

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google drive api golang . golang , (shared drive) Google APIs Client Library for Go . quickstart OAuth 2.0 (mydrive) . OAuth 2.0 , .

1. shared drive directory (driveId https://drive.google.com/drive/folders/XXX XXX)
2. credential.json
3. google drive >

sample.txt shared drive . driveId sample.txt, credential.json . shared drive `SupportsAllDrives(true)` , .

```
package main

import (

    "encoding/json"
    "io/ioutil"
    "log"
    "net/http"
    "os"
    "google.golang.org/api/drive/v3"
    "golang.org/x/oauth2"
    "golang.org/x/oauth2/google"
    "golang.org/x/oauth2/jwt"
)
```

```
// ServiceAccount : Use Service account
func ServiceAccount(credentialFile string) *http.Client {
    b, err := ioutil.ReadFile(credentialFile)
    if err != nil {
        log.Fatal(err)
    }
    var c = struct {
        Email      string `json:"client_email"`
        PrivateKey string `json:"private_key"`
    }{}
    json.Unmarshal(b, &c)
    config := &jwt.Config{
        Email:      c.Email,
        PrivateKey: []byte(c.PrivateKey),
        Scopes: []string{
            drive.DriveScope,
        },
        TokenURL: google.JWTTokenURL,
    }
    client := config.Client(oauth2.NoContext)
    return client
}


func main() {


    filePath := "sample.txt"     // file path
    driveId := "XXX"

    //use survice account
    client := ServiceAccount("credential.json") // Please set the json file of Service accou

    srv, err := drive.New(client)
    if err != nil {
        log.Fatalf("Unable to retrieve drive Client %v", err)
    }

    uploadFile, err := os.Open(filePath)
    if err != nil {
        log.Fatalf("Cannot find such file %v", err)
    }

    folderIdList := [] string{driveId}
    f := &drive.File{Name: filePath, Parents: folderIdList}

    _, err = srv.Files.Create(f).SupportsAllDrives(true).Media(uploadFile).Do()
    if err != nil {
        log.Fatalf("Upload Failed %v", err)
    }

}
```