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# Setting Up Google Drive Fastlane Plugin

#Assuming already have Ruby and Fastlane

## Create Google Drive Credential

Create Google Drive Credential (more info in <https://github.com/gimite/google-drive-ruby/blob/master/doc/authorization.md>)

Using service account

1. Create New Project
2. Enable “Google Drive API” @ Library
3. Go to Credentials
4. Create Credentials > Service Account
5. Keys > “Add Key” > “Create New Key” > JSON
6. Save JSON Key

If using Gem @Windows

1. Install “fastlane-plugin-google\_drive” plug-in

bundle exec fastlane add\_plugin google\_drive

2. Initialize plugin

In GemFile

gem "fastlane-plugin-xcversion"

3 Run actions either using:

a) To upload file : upload\_to\_google\_drive

b) To create folder : create\_google\_drive\_folder

c) To upload file : update\_google\_drive\_file

## Google Drive Fastlane Plugin Actions

upload\_to\_google\_drive (Required to use Fastfile)

A screenshot of a computer

Description automatically generated

1) Recommended that the drive key JSON saved as **“drive\_key.json”**

2) folder\_id can be obtained from Google Drive link (Recommended to set in Fastfile)

Example: 

3) upload\_files are required to be set in Fastfile.   
 As for 23/6/2021, array cannot be accepted through terminal/cmd

create\_google\_drive\_folder (Can be used direct from terminal/cmd)

A screenshot of a computer

Description automatically generated

1) Recommended that the drive key JSON saved as **“drive\_key.json”**

2) folder\_id can be obtained from Google Drive link (Does not support root folder (for now))

Example: 

3) Enter “Folder Name”

update\_google\_drive\_file (Can be used direct from terminal/cmd)

A screenshot of a computer

Description automatically generated

1) Recommended that the drive key JSON saved as **“drive\_key.json”**

2) folder\_id can be obtained from Google Drive link (Does not support root folder (for now))

Example:

Graphical user interface, text, application

Description automatically generated

3) Enter path for upload\_file.

## Execute Action(s)

### Upload File to GD

1. Create a custom lane in Fastfile
2. Example:

lane :gd\_upload do

upload\_to\_google\_drive(

folder\_id: "FOLDER ID",

upload\_files: ["first.txt","second.txt"]

)

end

1. In terminal/cmd, run code:

bundle exec fastlane gd\_upload

1. Should return below if successful.

Text

Description automatically generated

### Create Folder in GD

1. Execute below action:

bundle exec fastlane run create\_google\_drive\_folder

1. Enter value when prompted:Text

   Description automatically generated
2. Should return above messages if successful.

### Update File in GD

1. Execute below action:

bundle exec fastlane run update\_google\_drive\_file

1. Enter value when prompted:Text

   Description automatically generated
2. Should return above messages if successful.

# Troubleshooting(s)

## 1) insufficientParentPermissions

Text

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a) Change folder link permission from **Viewer** to **Editor**

Graphical user interface, text, application

Description automatically generated