

# Request Accepting In Private Mode

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## Description:

**This Api accepts a GET request with Username, Password and Number as Params and then accepts n follow requests**

This API accepts three arguments

- username - Your instagram Username
- password - Your instagram Password
- number - The number of requests you want to accept in Private Mode

## Understanding the CodeBase

The whole task is being run as an async task

### Dependencies used

```
const express=require('express')
const puppeteer = require('puppeteer');
const app=express()
const readline = require('readline');
const randomUseragent = require('random-useragent');
```

### Page Deployment

```
const browser = await puppeteer.launch({ headless: true, defaultViewport: null,
args: ['--no-sandbox', '--disable-setuid-sandbox','--start-maximized'] });
const page = await browser.newPage();
```

### Actions on Instagram Page

We are directly opening the Login page instead of Instagram page

```
await page.goto(`https://www.instagram.com/accounts/login/?source=auth_switcher`,
{ waitUntil: 'networkidle0' });
```

The requests are being accepted in Chunks of 9 requests for performace purposes

```
for (step = 2; step < 11; step++) {
  element = await page.$x(`//div[`${step}`]/div[3]/div/div/button`);
  await element[0].click();
}
```

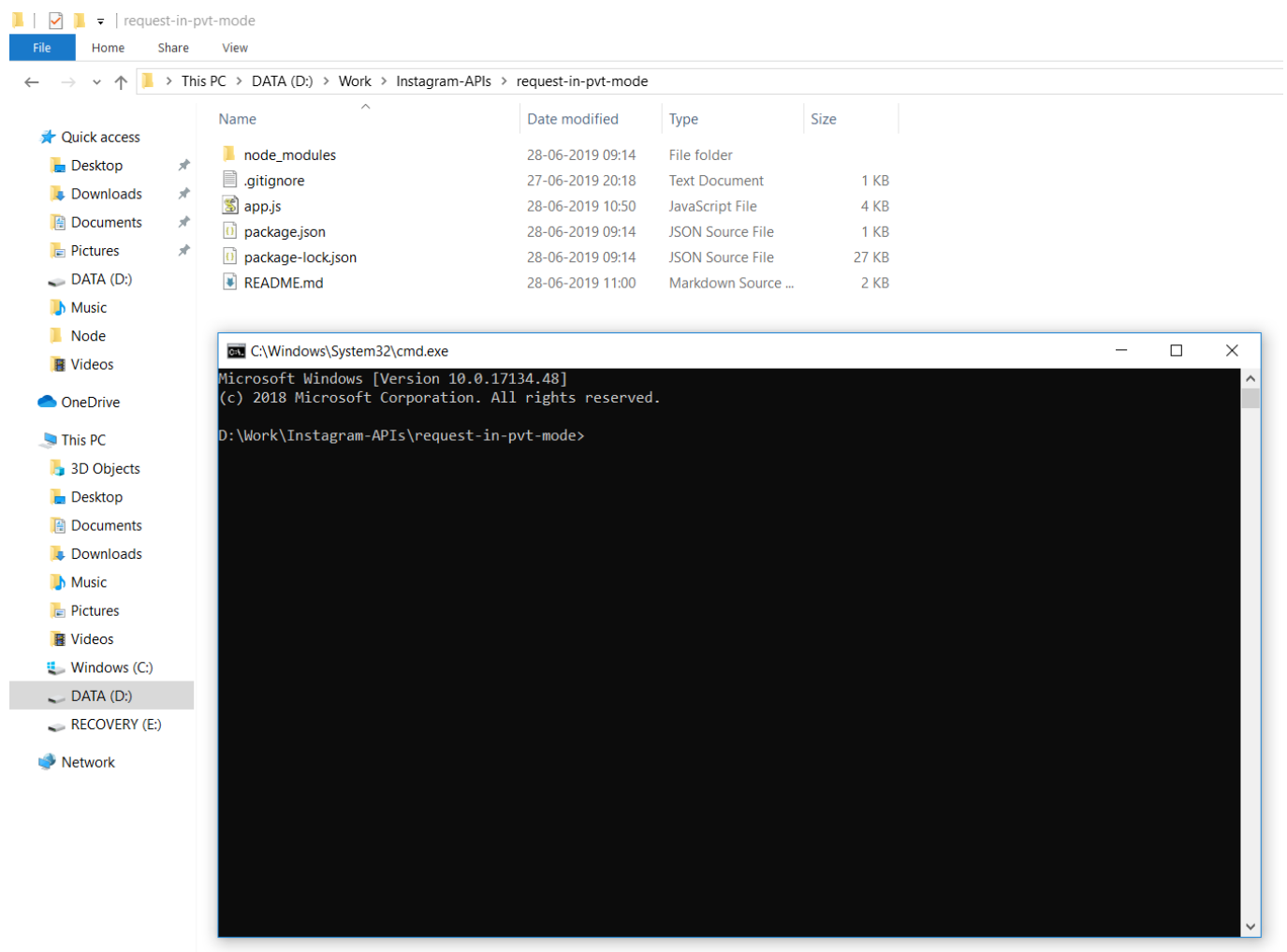
```
console.log('Step ',step, 'click');  
}
```

Closing the browser when operation is complete

```
console.log('Task Successfully Completed')  
await browser.close();  
return res.send('Task Successfully Completed')
```

## How to start the Server

Open terminal where your script lies



Make sure you are in the directory of the script

To make sure of this try the `DIR` or `ls` command

```
D:\Work\Instagram-APIs\request-in-pvt-mode>dir
Volume in drive D is DATA
Volume Serial Number is AC41-86C8

Directory of D:\Work\Instagram-APIs\request-in-pvt-mode

28-06-2019  09:14    <DIR>          .
28-06-2019  09:14    <DIR>          ..
27-06-2019  20:18                13 .gitignore
28-06-2019  10:50            3,968 app.js
28-06-2019  09:14    <DIR>          node_modules
28-06-2019  09:14        26,756 package-lock.json
28-06-2019  09:14           402 package.json
28-06-2019  11:08        1,628 README.md
               5 File(s)          32,767 bytes
               3 Dir(s)  983,876,308,992 bytes free

D:\Work\Instagram-APIs\request-in-pvt-mode>
```

## Installing Dependencies and Starting server

Type the command `npm install` in the terminal and hit enter Then to start the server type the command `node app.js`

You will get a Message on the terminal on succesfull server Deployment `Server is up on port 3000`

```
D:\Work\Instagram-APIs\request-in-pvt-mode>npm install

> puppeteer@1.18.0 install D:\Work\Instagram-APIs\request-in-pvt-mode\node_modules\puppeteer
> node install.js

Downloading Chromium r669486 - 140.6 Mb [=====] 100% 0.0s
Chromium downloaded to D:\Work\Instagram-APIs\request-in-pvt-mode\node_modules\puppeteer\.local-chromium\win64-669486
npm WARN request-in-pvt-mode@1.0.0 No repository field.

added 93 packages from 55 contributors and audited 179 packages in 33.636s
found 0 vulnerabilities

D:\Work\Instagram-APIs\request-in-pvt-mode>node app.js
Server is up on port 3000
```

## Sending request to the Server

### Configuring Postman

Open up Postman and create a get request with following configuration(Make sure the server is up and running)

http://localhost:3000?username=<username>&password=<password>&number=10

GET  [Send](#) [Save](#)

Params [Authorization](#) [Headers \(9\)](#) [Body](#) [Pre-request Script](#) [Tests](#) [Cookies](#) [Code](#) [Comments](#)

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	<username>			
<input checked="" type="checkbox"/>	password	<password>			
<input checked="" type="checkbox"/>	number	10			
	Key	Value	Description		

After The entry hit Send

The Server will work on it's own in the Background

You can see the progress in the terminal