

GIT

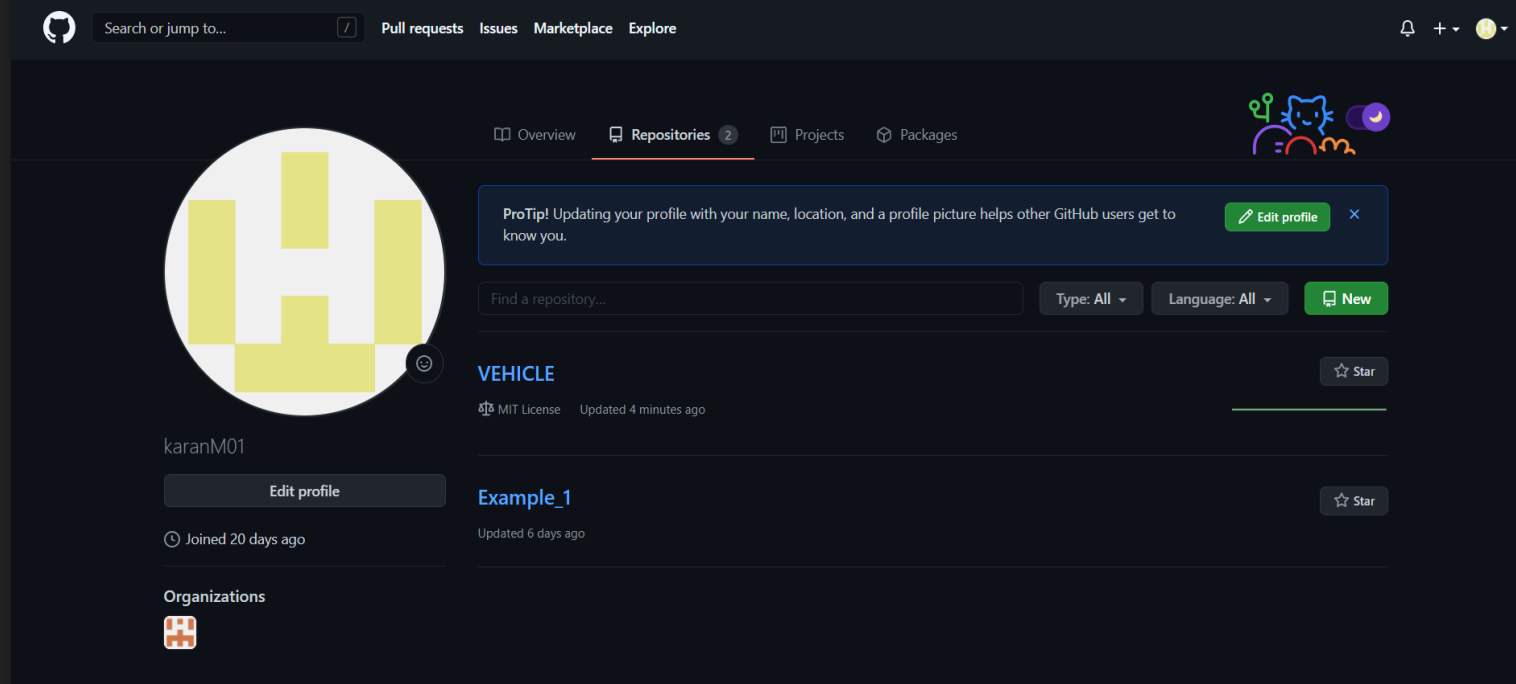
MINI PROJECT

KARAN M

18MER085

STEP 1

Create a repository “VEHICLE” containing a .txt file named “param.txt”



```
MINGW64;d/GIT_mini_project
karan@karanROG MINGW64 ~
$ cd d:/

karan@karanROG MINGW64 /d
$ cd GIT_mini_project

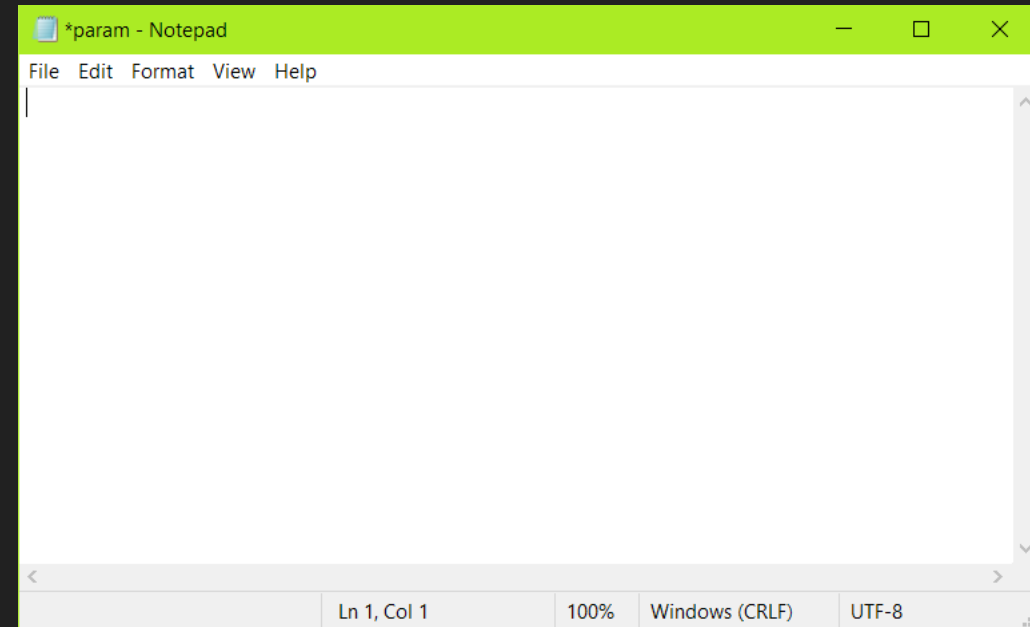
karan@karanROG MINGW64 /d/GIT_mini_project
$ git init
Initialized empty Git repository in D:/GIT_mini_project/.git/

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git add param.txt
fatal: pathspec 'param.txt' did not match any files

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git add param.txt

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git commit -m "base param"
[master (root-commit) 59bc5f6] base param
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 param.txt

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$
```



STEP 2

COMMIT-1

Base param in master branch

MINGW64:/d/GIT_mini_project

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git branch PS4
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git checkout PS4
Switched to branch 'PS4'
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ git add param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ start param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ git add param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ git commit -m "Fourth Stage PS4"
[PS4 be428e1] Fourth Stage PS4
1 file changed, 12 insertions(+)
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ |
```

*param - Notepad

File Edit Format View Help

Base param

Height : 44m

Diameter : 2.8m

Number of stages : 4

Lift off mass : 320 tonnes (XL)

STEP 3

COMMIT 2

Fourth Stage PS4 in Branch PS4

MINGW64:/d/GIT_mini_project

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git branch PS4
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git checkout PS4
Switched to branch 'PS4'
```

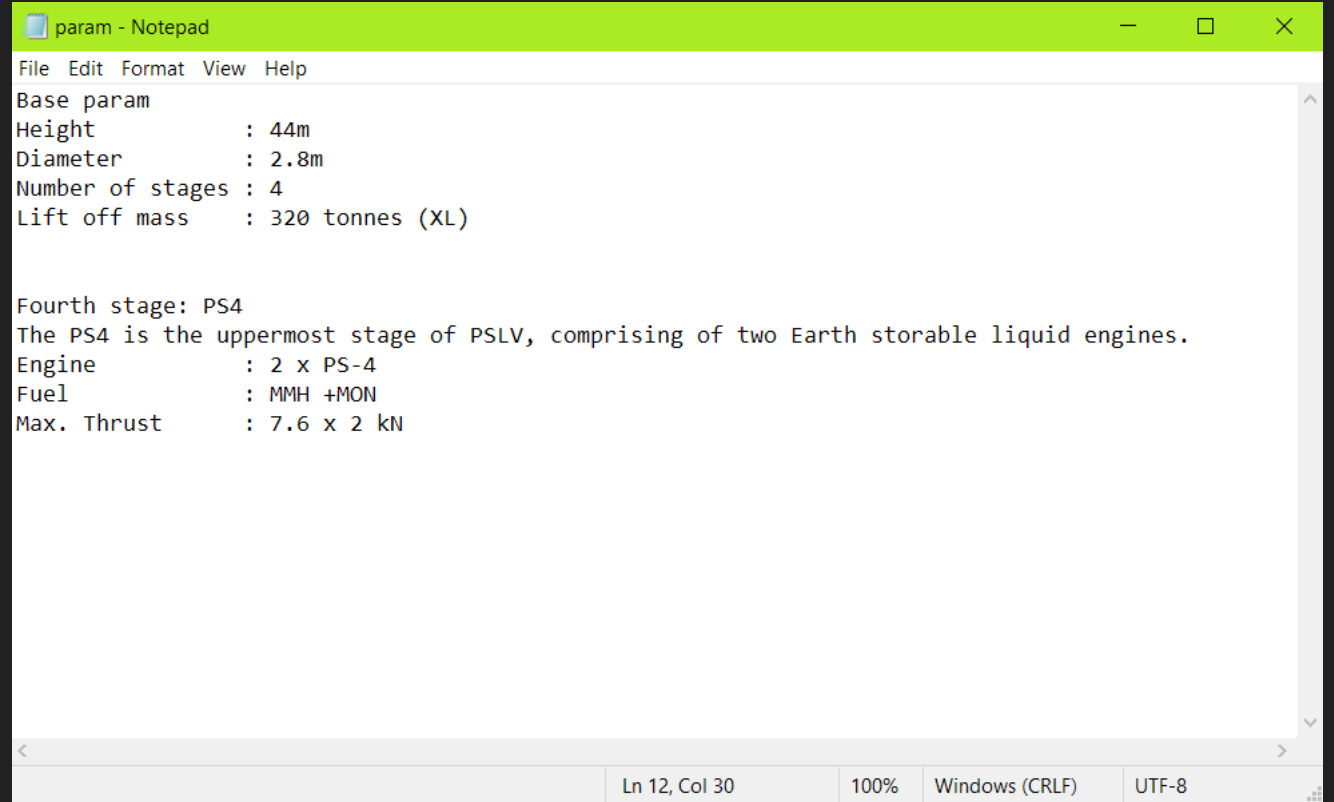
```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ git add param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ start param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ git add param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ git commit -m "Fourth Stage PS4"
[PS4 be428e1] Fourth Stage PS4
1 file changed, 12 insertions(+)
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ |
```



The screenshot shows a Notepad window with a green title bar. The menu bar includes File, Edit, Format, View, and Help. The text content is as follows:

```
Base param
Height      : 44m
Diameter    : 2.8m
Number of stages : 4
Lift off mass : 320 tonnes (XL)

Fourth stage: PS4
The PS4 is the uppermost stage of PSLV, comprising of two Earth storable liquid engines.
Engine      : 2 x PS-4
Fuel        : MMH +MON
Max. Thrust  : 7.6 x 2 kN
```

The status bar at the bottom indicates the cursor is at Line 12, Column 30, with a zoom level of 100%, using Windows (CRLF) line endings and UTF-8 encoding.

STEP 4

COMMIT 3

Third Stage PS3 in Branch PS3

MINGW64:/d/GIT_mini_project

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS4)
$ git checkout master
Switched to branch 'master'

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git branch PS3

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git checkout PS3
Switched to branch 'PS3'

karan@karanROG MINGW64 /d/GIT_mini_project (PS3)
$ start param.txt

karan@karanROG MINGW64 /d/GIT_mini_project (PS3)
$ git add param.txt

karan@karanROG MINGW64 /d/GIT_mini_project (PS3)
$ git commit -m "Third Stage PS3"
[PS3 6145dea] Third Stage PS3
1 file changed, 19 insertions(+)

karan@karanROG MINGW64 /d/GIT_mini_project (PS3)
$ git checkout master
Switched to branch 'master'

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$
```

*param - Notepad

File Edit Format View Help

Base param

Height : 44m

Diameter : 2.8m

Number of stages : 4

Lift off mass : 320 tonnes (XL)

Fourth Stage: PS4

The PS4 is the uppermost stage of PSLV, comprising of the Earth storable liquid engine.

Engine : 2 x PS-4

Fuel : MMH + MON

Max. Thrust : 7.6 x 2kN

Third Stage: PS3

The third stage of PSLV is a solid rocket motor that provides the upper stages high thrust after the atmospheric phase of the launch.

Fuel : HTPB

Max. Thrust : 240 kN

Ln 18, Col 28

100%

Windows (CRLF)

UTF-8

STEP 5

COMMIT 4

Second Stage PS2 in Branch PS2

MINGW64:/d/GIT_mini_project

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git branch PS2
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git checkout PS2
Switched to branch 'PS2'
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS2)
$ git add param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS2)
$ start param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS2)
$ git commit -m "Second Stage PS2"
On branch PS2
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   param.txt
```

no changes added to commit (use "git add" and/or "git commit -a")

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS2)
$ git add param.txt
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS2)
$ git commit -m "Second Stage PS2"
[PS2 6c8e99c] Second Stage PS2
 1 file changed, 30 insertions(+)
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (PS2)
$ git checkout master
Switched to branch 'master'
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ |
```

param - Notepad

File Edit Format View Help

Base param

Height : 44m
Diameter : 2.8m
Number of stages : 4
Lift off mass : 320 tonnes (XL)

Fourth Stage: PS4

The PS4 is the uppermost stage of PSLV, comprising of the Earth storable liquid engine.

Engine : 2 x PS-4
Fuel : MMH + MON
Max. Thrust : 7.6 x 2kN

Third Stage: PS3

The third stage of PSLV is a solid rocket motor that provides the upper stages high thrust after the atmospheric phase of the launch.

Fuel : HTPB
Max. Thrust : 240 kN

Second Stage: PS2

PSLV uses an Earth storable liquid rocket engine for its second stage, known as the Vikas engine, developed by Liquid Propulsion Systems Centre.

Engine : Vikas
Fuel : UDMH + N2O4
Max. Thrust : 799 kN

STEP 6

COMMIT 5

First Stage PS1 in Branch PS1

```
MINGW64/d/GIT_mini_project

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git checkout master
Already on 'master'

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git branch PS1

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git checkout PS1
Switched to branch 'PS1'

karan@karanROG MINGW64 /d/GIT_mini_project (PS1)
$ git add param.txt

karan@karanROG MINGW64 /d/GIT_mini_project (PS1)
$ start param.txt

karan@karanROG MINGW64 /d/GIT_mini_project (PS1)
$ git commit -m "First stage PS1"
On branch PS1
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   param.txt

no changes added to commit (use "git add" and/or "git commit -a")

karan@karanROG MINGW64 /d/GIT_mini_project (PS1)
$ git add param.txt

karan@karanROG MINGW64 /d/GIT_mini_project (PS1)
$ git commit -m "First Stage PS1"
[PS1 4a453c0] First Stage PS1
1 file changed, 38 insertions(+)

karan@karanROG MINGW64 /d/GIT_mini_project (PS1)
$ git checkout master
Switched to branch 'master'

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$
```

```
param - Notepad
File Edit Format View Help

Base param
Height      : 44m
Diameter    : 2.8m
Number of stages : 4
Lift off mass : 320 tonnes (XL)

Fourth Stage: PS4
The PS4 is the uppermost stage of PSLV, comprising of the Earth storable liquid engine.
Engine      : 2 x PS-4
Fuel        : MMH + MON
Max. Thrust : 7.6 x 2kN

Third Stage: PS3
The third stage os PSLV is a solid rocket motor that provides the upper stages
high thrust after the atmospheric phase of the launch.
Fuel        : HTPB
Max. Thrust : 240 kN

Second Stage: PS2
PSLV uses an Earth storable liquid rocket engine for its second stage, know as
the Vikas engine, developed by Liquid Propulsion Systems Centre.
Engine      : Vikas
Fuel        : UDMH + N2O4
Max. Thrust : 799 kN

First Stage: PS1
PSLV uses the S139 solid rocket motor that is augmented by 6 solid strap-on
boosters.
Engine : S139
Fuel : HTPB
Max. Thrust : 4800 kN
```

STEP 7

COMMIT AND PUSH TO VEHICLE

MINGW64:/d/GIT_mini_project

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
```

```
$ git branch
```

```
PS1
```

```
PS2
```

```
PS3
```

```
PS4
```

```
* master
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
```

```
$ git remote add origin https://github.com/karanM01/VEHICLE.git
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
```

```
$ git push origin master
```

```
Unhandled Exception: System.ComponentModel.Win32Exception: Invalid window handle
   at MS.Win32.ManagedWndProcTracker.HookUpDefWindowProc(IntPtr hwnd)
   at MS.Win32.ManagedWndProcTracker.OnAppDomainProcessExit()
   at MS.Internal.ShutdownListener.HandleShutdown(Object sender, EventArgs e)
```

```
Enumerating objects: 3, done.
```

```
Counting objects: 100% (3/3), done.
```

```
Writing objects: 100% (3/3), 230 bytes | 76.00 KiB/s, done.
```

```
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
```

```
remote:
```

```
remote: Create a pull request for 'master' on GitHub by visiting:
```

```
remote:   https://github.com/karanM01/VEHICLE/pull/new/master
```

```
remote:
```

```
To https://github.com/karanM01/VEHICLE.git
```

```
* [new branch]      master -> master
```

```
karan@karanROG MINGW64 /d/GIT_mini_project (master)
```

```
$
```

main

2 branches

0 tags

Go to file

Add file

Code

karanM01 Add files via upload

ce3d0ca 3 minutes ago 3 commits

LICENSE	Initial commit	2 hours ago
README.md	Update README.md	2 hours ago
param.txt	Add files via upload	3 minutes ago

README.md

VEHICLE

ISRO API

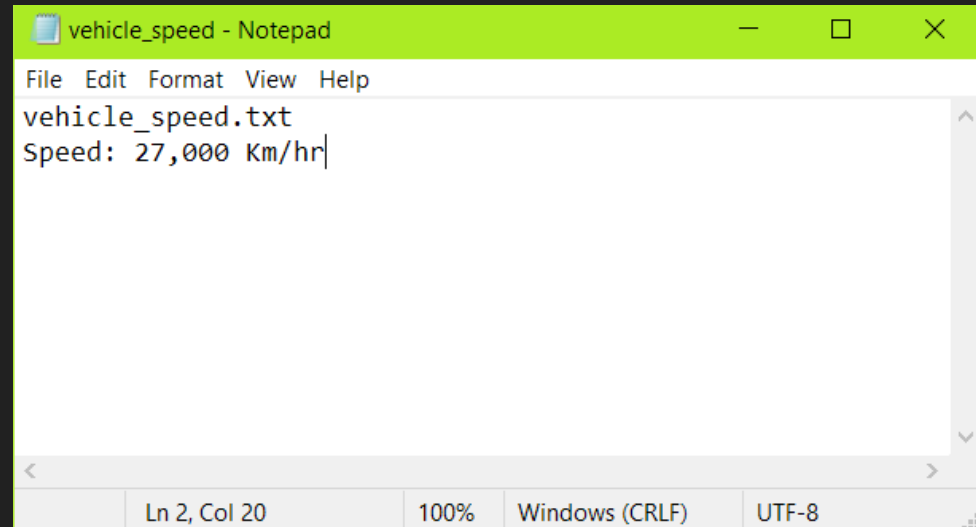
Open Source API for Launched Spacecrafts & Rockets data of ISRO

API End-Points

- Spacecrafts: isro.vercel.app/api/spacecrafts
- Launchers: isro.vercel.app/api/launchers
- Launchers: isro.vercel.app/api/customer_satellites

STEP 8

CREATE ANOTHER .txt FILE
NAMED
“VEHICLE_SPEED.txt”








```
vehicle_speed.txt
Speed: 27,000 Km/hr
```

karanM01 / **VEHICLE**

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

[main](#) 2 branches 0 tags [Go to file](#) [Add file](#) [Code](#)

	karanM01 Add files via upload	a3c7107 now	🕒 12 commits
	LICENSE	Initial commit	19 hours ago
	README.md	Update README.md	16 hours ago
	param.txt	max thrust ps3 is modified	1 hour ago
	vehicle_speed.txt	Add files via upload	now

STEP 9

PULL REQUEST & COMMIT CHANGES

max thrust ps3 is modified #1

[Open](#) krishnakumar-me... wants to merge 1 commit into `karanM01:main` from `krishnakumar-mech:main`

Conversation 0 Commits 1 Checks 0 Files changed 1

krishnakumar-mech commented 6 minutes ago First-time contributor

No description provided.

max thrust ps3 is modified Verified 53cb550

Add more commits by pushing to the `main` branch on `krishnakumar-mech/VEHICLE-2`.

Continuous integration has not been set up
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

✓ This branch has no conflicts with the base branch
Merging can be performed automatically.

[Merge pull request](#) You can also open this in GitHub Desktop or view command line instructions.

Write Preview H B I ≡ <> 🔗 ≡ ≡ ☑ @ ↻ ↵

Leave a comment

max thrust ps3 is modified #1

Merged karanM01 merged 1 commit into `karanM01:main` from `krishnakumar-mech:main` now

Conversation 0 Commits 1 Checks 0 Files changed 1

krishnakumar-mech commented 7 minutes ago Contributor

No description provided.

max thrust ps3 is modified Verified 53cb550

karanM01 merged commit 9c8654b into `karanM01:main` now Revert

Write Preview H B I ≡ <> 🔗 ≡ ≡ ☑ @ ↻ ↵

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

[Comment](#)

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

ProTip! Add comments to specific lines under [Files changed](#).

14 Third Stage: PS3

15 The third stage of PSLV is a solid rocket motor that provides the upper stages

16 high thrust after the atmospheric phase of the launch.

17 Fuel : HTPB

18 Max. Thrust : 252 kN Modified value

19

karanM01 Add files via upload			a3c7107 12 minutes ago	🕒 12 commits
📄 LICENSE	Initial commit			19 hours ago
📄 README.md	Update README.md			16 hours ago
📄 param.txt	max thrust ps3 is modified			2 hours ago
📄 vehicle_speed.txt	Add files via upload			12 minutes ago

STEP 10

MIT Licence

The screenshot shows the GitHub repository page for `karanM01/VEHICLE`. The repository is licensed under the MIT License. The page displays the license text, a table of permissions and limitations, and a list of contributors.

Repository: `karanM01/VEHICLE`

License: MIT License

Permissions:

- ✓ Commercial use
- ✓ Modification
- ✓ Distribution
- ✓ Private use

Limitations:

- ✗ Liability
- ✗ Warranty

Conditions:

- ④ License and copyright notice

Contributors: 1 contributor

21 lines (17 sloc) | 1.04 KB

Raw


Blame




```
1 MIT License
2
3 Copyright (c) 2020 karanM01
4
5 Permission is hereby granted, free of charge, to any person obtaining a copy
6 of this software and associated documentation files (the "Software"), to deal
7 in the Software without restriction, including without limitation the rights
8 to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
9 copies of the Software, and to permit persons to whom the Software is
10 furnished to do so, subject to the following conditions:
11
12 The above copyright notice and this permission notice shall be included in all
13 copies or substantial portions of the Software.
14
15 THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
16 IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
17 FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
18 AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
19 LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
20 OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
21 SOFTWARE.
```

STEP 11




Creating a README File

 **karanM01** Update README.md

Latest commit e492ff7 now [History](#)

 1 contributor

17 lines (15 sloc) | 680 Bytes

[Raw](#) [Blame](#)   

MINI PROJECT

VEHICLE

ISRO API

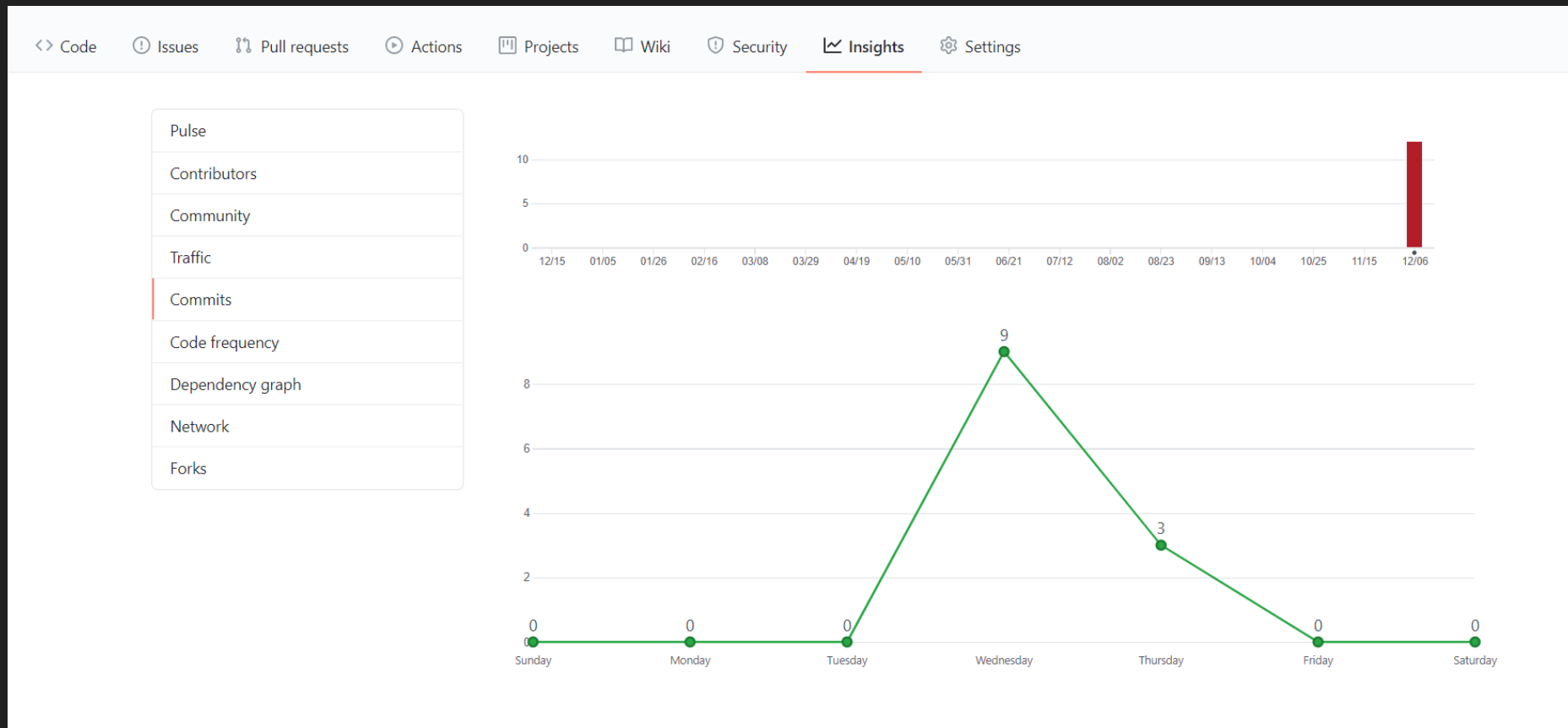
Open Source API for Launched Spacecrafts & Rockets data of ISRO

API End-Points

- Spacecrafts: isro.vercel.app/api/spacecrafts
- Launchers: isro.vercel.app/api/launchers
- Launchers: isro.vercel.app/api/customer_satellites

STEP 12

INSIGHTS - COMMITS



STEP 13

CONFIGURATION FILE

main ▾		2 branches	0 tags	Go to file	Add file ▾	Code ▾
karanM01 Add files via upload		19eebb9	now	13 commits		
📄	LICENSE	Initial commit		22 hours ago		
📄	README.md	Update README.md		19 hours ago		
📄	param.txt	max thrust ps3 is modified		4 hours ago		
📄	vehicle_speed.txt	Add files via upload		3 hours ago		
📄	vision.txt	Add files via upload		now		

```
MINGW64:/d/GIT_mini_project

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ cd d:/

karan@karanROG MINGW64 /d
$ cd GIT_mini_project

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git add param.txt

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git commit -m "conifg"
[master 1cceaaf] conifg
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Details.docx

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git remote -v
origin https://github.com/karanM01/VEHICLE.git (fetch)
origin https://github.com/karanM01/VEHICLE.git (push)

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ |
```

```
vision - Notepad
File Edit Format View Help
Our vision is to harness space technology for national development,
while pursuing space science research and planetary exploration.
```

Ln 2, Col 66 100% Windows (CRLF) UTF-8

STEP 14

GIT IGNORE FILE

```
MINGW64:/d/GIT_mini_project

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ touch .gitignore

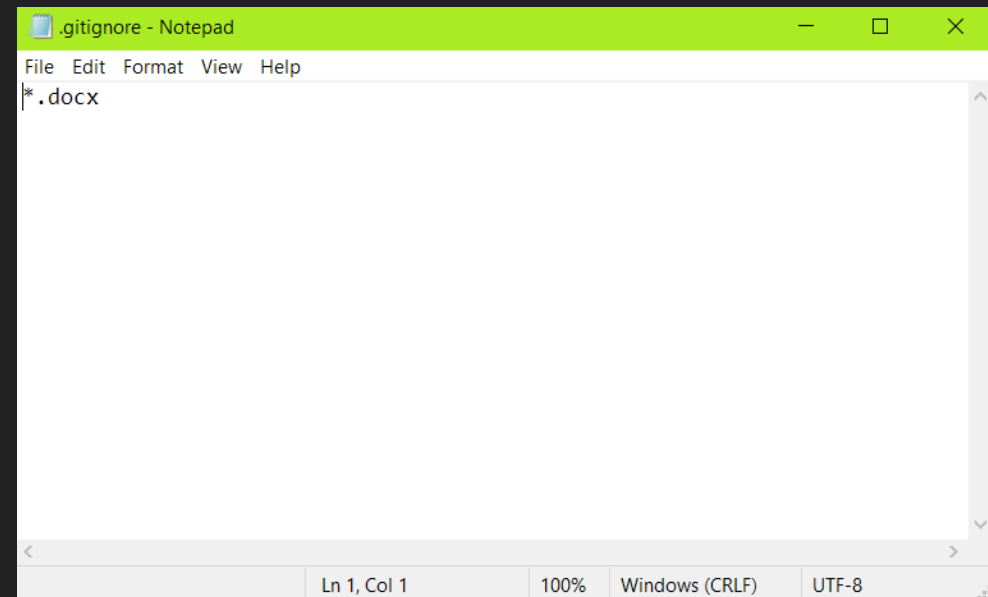
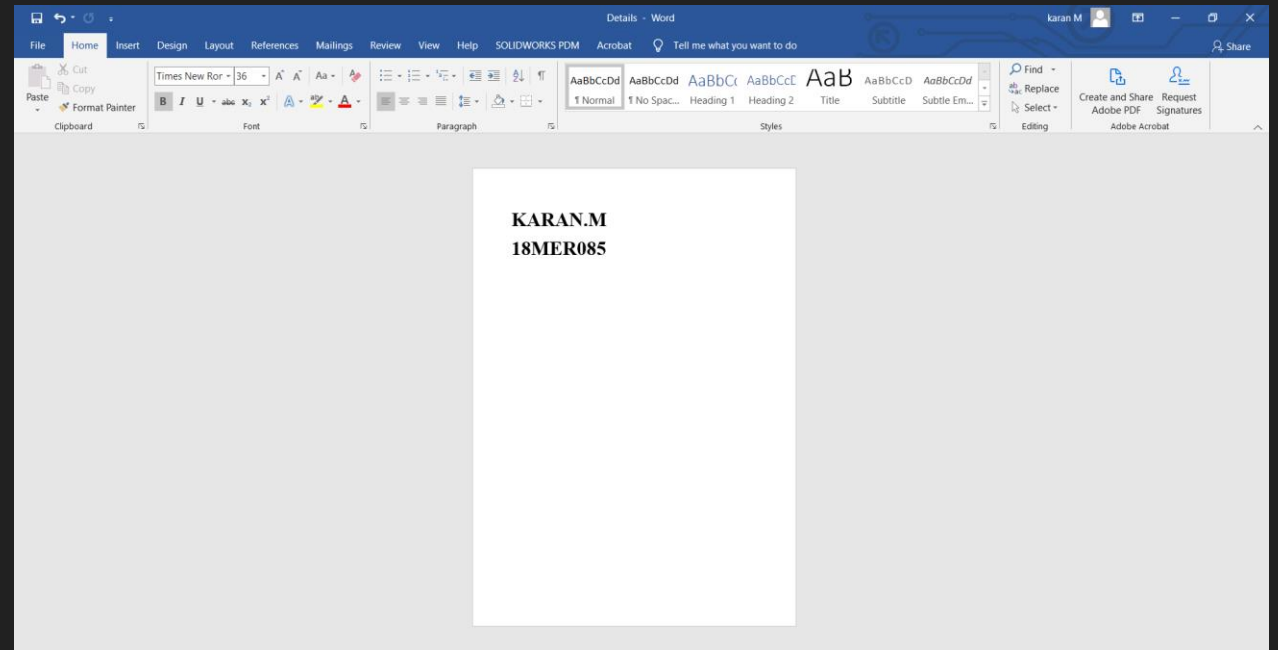
karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ start .gitignore

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git add .gitignore

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git commit -m "ignore"
[master add155b] ignore
1 file changed, 1 insertion(+), 1 deletion(-)

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git ls-files --ignore --exclude-standard
Details.docx

karan@karanROG MINGW64 /d/GIT_mini_project (master)
$ git add details.docx
The following paths are ignored by one of your .gitignore files:
new folder/details.docx
hint: Use -f if you really want to add them.
hint: Turn this message off by running
hint: "git config advice.addIgnoredFile false"
```



GITHUB Account

GITHUB Id : karanM01

The screenshot shows the GitHub profile page for user karanM01. The profile includes a yellow and grey avatar, the username karanM01, and a bio that says "Joined 21 days ago". There is a section for "Popular repositories" with one repository listed: "VEHICLE" (Forked from keerthivasan-1508/VECHILE). Below this is a "Contributions" calendar showing 18 contributions in the last year. The page also features navigation links for Overview, Repositories (3), Projects, and Packages.

ProTip! Updating your profile with your name, location, and a profile picture helps other GitHub users get to know you. [Edit profile](#)

Popular repositories

Example_1

VEHICLE

1

VECHILE

Forked from keerthivasan-1508/VECHILE

18 contributions in the last year

Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov

Mon

Wed

Fri

Contribution settings

The screenshot shows the GitHub repository page for karanM01 / VEHICLE. The repository is a fork of keerthivasan-1508/VECHILE. It has 2 branches and 0 tags. The repository contains the following files:

File	Commit	Time
LICENSE	Initial commit	19 hours ago
README.md	Update README.md	16 hours ago
param.txt	max thrust ps3 is modified	2 hours ago
vehicle_speed.txt	Add files via upload	25 minutes ago

README.md

MINI PROJECT

VEHICLE

ISRO API

About

No description, website, or topics provided.

Readme

MIT License

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Contributors

karanM01

THANK YOU 😊

BY

KARAN.M

18MER085