

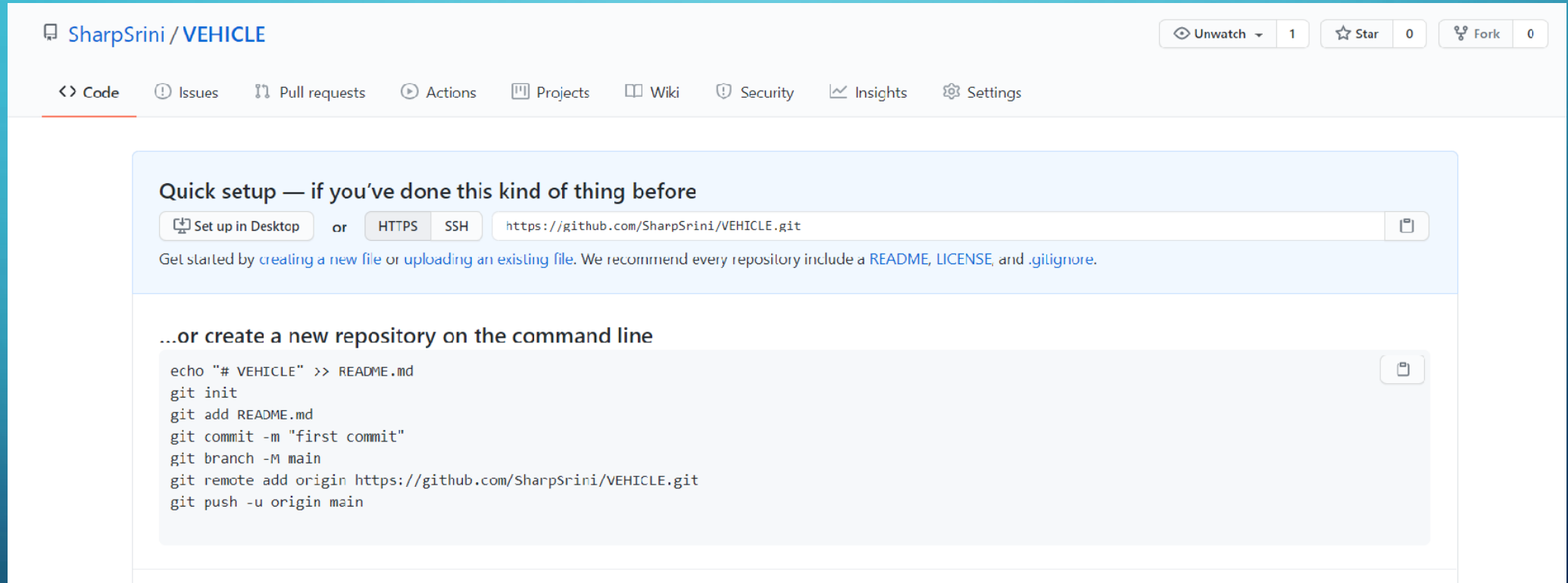


MINI PROJECT

VERSION CONTROL USING GIT

SRINIVASAN T V
18MER194
MECHANICAL DEPARTMENT
KONGU ENGINEERING COLLEGE

CREATING VEHICLE REMOTE REPOSITORY





The screenshot shows the GitHub interface for a repository named 'VEHICLE' by user 'SharpSrini'. The repository has 1 watch, 0 stars, and 0 forks. The navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The main content area provides a 'Quick setup' section with options to 'Set up in Desktop', 'HTTPS', or 'SSH'. The HTTPS URL is 'https://github.com/SharpSrini/VEHICLE.git'. Below this, it suggests creating a new file or uploading an existing one, and recommends including a README, LICENSE, and .gitignore. The second section, '...or create a new repository on the command line', provides a list of Git commands to initialize the repository, create a README, commit, create a main branch, add the remote, and push.

SharpSrini / VEHICLE

Unwatch 1 Star 0 Fork 0

<> Code ⓘ Issues 🔗 Pull requests ▶ Actions 📁 Projects 📖 Wiki 🛡 Security 📊 Insights ⚙ Settings

Quick setup — if you've done this kind of thing before

 Set up in Desktop or **HTTPS** **SSH** 

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# VEHICLE" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/SharpSrini/VEHICLE.git
git push -u origin main
```

COMMIT 1: BASE PARAM IN MASTER

```
Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git add Param.txt

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git commit -m "Base Param"
[master (root-commit) 3a86e12] Base Param
1 file changed, 7 insertions(+)
create mode 100644 Param.txt

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git remote add origin https://github.com/SharpSrini/VEHICLE.git

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 306 bytes | 306.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/SharpSrini/VEHICLE.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

SharpSrini / VEHICLE

<> Code

! Issues

🔗 Pull requests

🎮 Actions

👤 master

VEHICLE / Param.txt



SharpSrini Base Param

👤 1 contributor

7 lines (5 sloc) | 96 Bytes

```
1 Base param
2
3 Height : 44m
4 Diameter : 2.8 m
5 Number of stages : 4
6 Lift off mass : 320 tonnes (XL)
7
```

COMMIT 2: FOURTH STAGE IN PS4

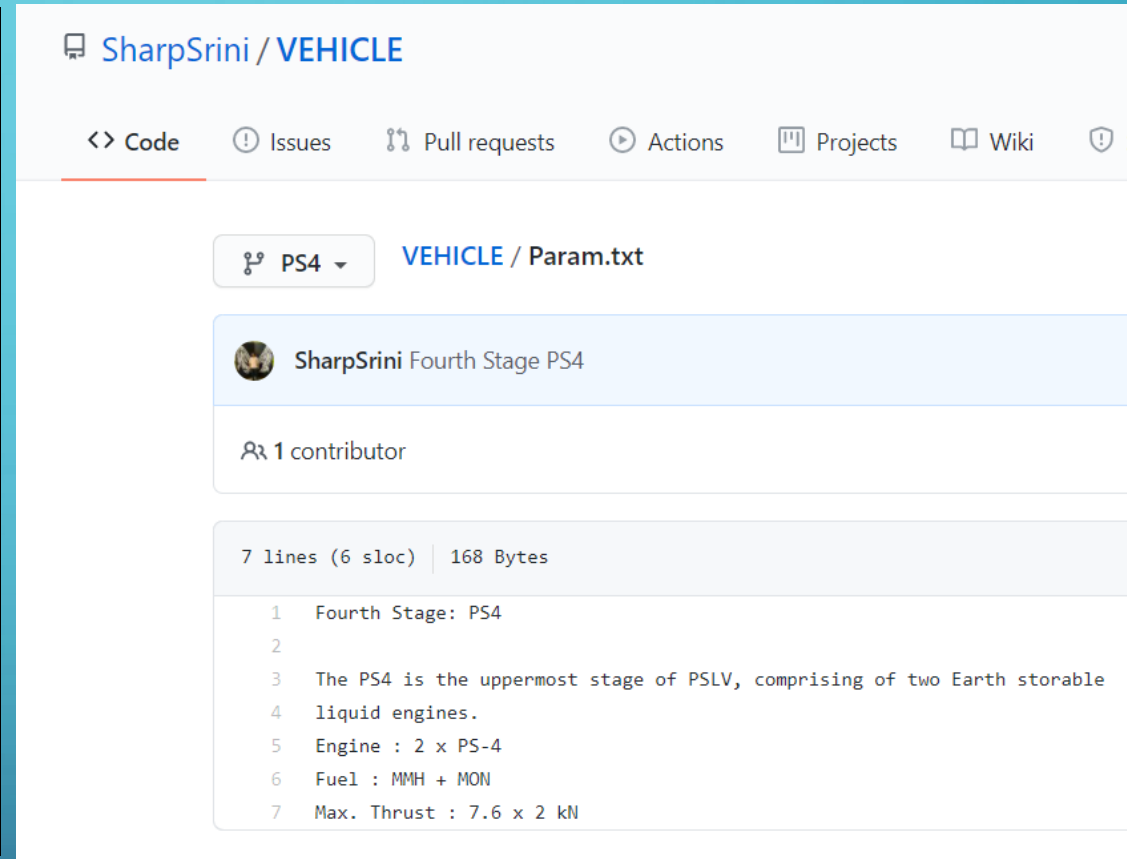
```
Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git branch PS4

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git checkout PS4
Switched to branch 'PS4'

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS4)
$ git add Param.txt

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS4)
$ git commit -m "Fourth Stage PS4"
[PS4 4433d83] Fourth Stage PS4
1 file changed, 6 insertions(+), 6 deletions(-)


Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS4)
$ git push -u origin PS4
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 391 bytes | 391.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'PS4' on GitHub by visiting:
remote:   https://github.com/SharpSrini/VEHICLE/pull/new/PS4
remote:
To https://github.com/SharpSrini/VEHICLE.git
 * [new branch]      PS4 -> PS4
Branch 'PS4' set up to track remote branch 'PS4' from 'origin'.
```



SharpSrini / VEHICLE

<> Code ! Issues 🔗 Pull requests ⚙️ Actions 📁 Projects 📖 Wiki ⚠️ S

🔗 PS4 ▾ VEHICLE / Param.txt

 SharpSrini Fourth Stage PS4

👤 1 contributor

7 lines (6 sloc) | 168 Bytes

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

COMMIT 3: THIRD STAGE IN PS3

```
Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git branch PS3

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git checkout PS3
Switched to branch 'PS3'

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS3)
$ git add Param.txt

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS3)
$ git commit -m "Third Stage PS3"
[PS3 0b3f9d4] Third Stage PS3
1 file changed, 5 insertions(+), 5 deletions(-)

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS3)
$ git push -u origin PS3
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 393 bytes | 393.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'PS3' on GitHub by visiting:
remote:   https://github.com/SharpSrini/VEHICLE/pull/new/PS3
remote:
To https://github.com/SharpSrini/VEHICLE.git
 * [new branch]      PS3 -> PS3
Branch 'PS3' set up to track remote branch 'PS3' from 'origin'.
```

SharpSrini / VEHICLE

<> Code

! Issues

🔗 Pull requests

🔄 Actions

📁 Projects

📖 Wiki

🛡 Security

🔗 PS3 ▾

VEHICLE / Param.txt



SharpSrini Third Stage PS3

👤 1 contributor

7 lines (5 sloc) | 186 Bytes

```
1 Third Stage: PS3
2
3 The third stage of PSLV is a solid rocket motor that provides the upper stages
4 high thrust after the atmospheric phase of the launch.
5 Fuel : HTPB
6 Max. Thrust : 240 kN
7
```

COMMIT 4: SECOND STAGE IN PS2

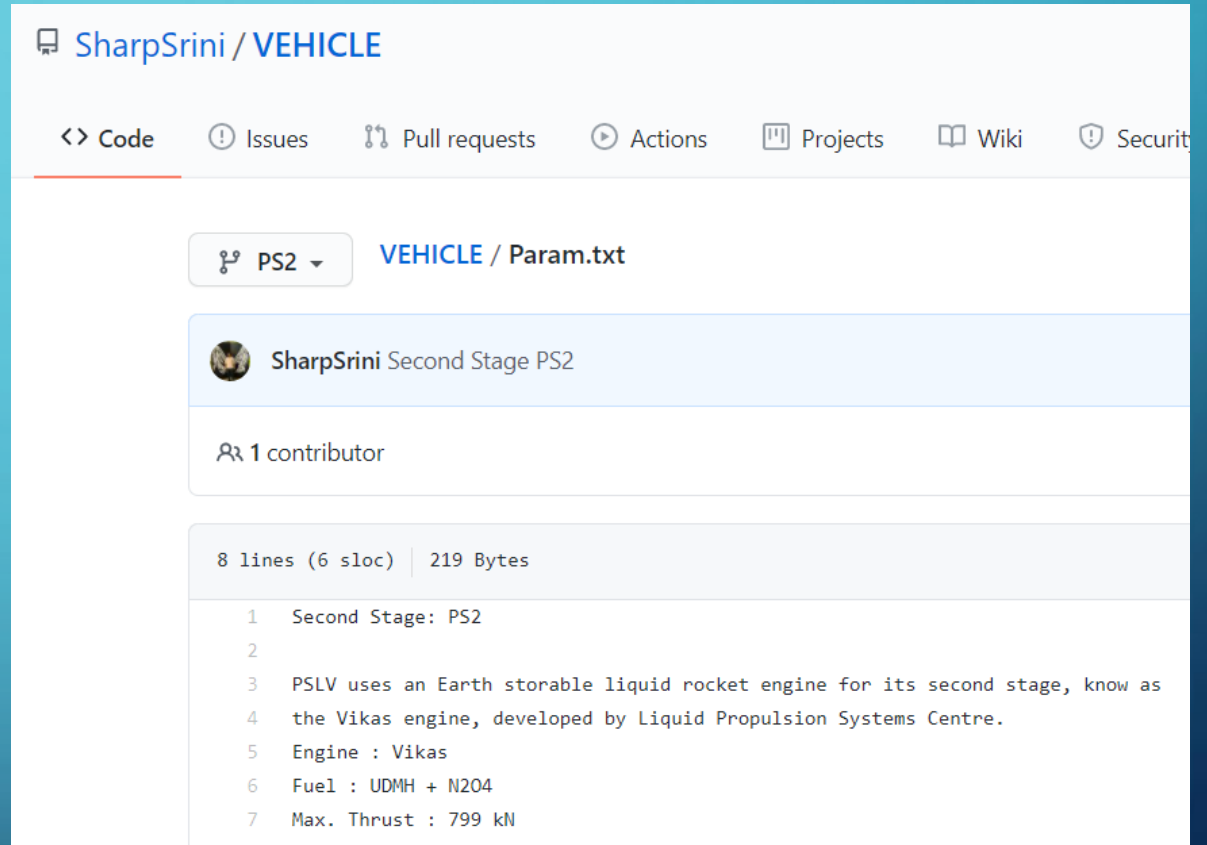
```
Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git branch PS2

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git checkout PS2
Switched to branch 'PS2'

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS2)
$ git add Param.txt

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS2)
$ git commit -m "Second Stage PS2"
[PS2 3dfea00] Second Stage PS2
1 file changed, 6 insertions(+), 5 deletions(-)


Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS2)
$ git push -u origin PS2
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 417 bytes | 417.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'PS2' on GitHub by visiting:
remote:   https://github.com/SharpSri/VEHICLE/pull/new/PS2
remote:
To https://github.com/SharpSri/VEHICLE.git
 * [new branch]      PS2 -> PS2
Branch 'PS2' set up to track remote branch 'PS2' from 'origin'.
```



SharpSri / VEHICLE

<> Code ⓘ Issues 🔗 Pull requests ⏮ Actions 📁 Projects 📖 Wiki 🛡 Security

PS2 ▾ VEHICLE / Param.txt

 SharpSri Second Stage PS2

👤 1 contributor

8 lines (6 sloc) | 219 Bytes

```
1 Second Stage: PS2
2
3 PSLV uses an Earth storable liquid rocket engine for its second stage, know as
4 the Vikas engine, developed by Liquid Propulsion Systems Centre.
5 Engine : Vikas
6 Fuel : UDMH + N2O4
7 Max. Thrust : 799 kN
```

COMMIT 5: FIRST STAGE IN PS1

```
Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git branch PS1

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git checkout PS1
Switched to branch 'PS1'

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS1)
$ git add Param.txt

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS1)
$ git commit -m "First Stage PS1"
[PS1 9a8c26b] First Stage PS1
1 file changed, 6 insertions(+), 5 deletions(-)

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (PS1)
$ git push -u origin PS1
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 382 bytes | 382.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'PS1' on GitHub by visiting:
remote:   https://github.com/SharpSri/VEHICLE/pull/new/PS1
remote:
To https://github.com/SharpSri/VEHICLE.git
 * [new branch]      PS1 -> PS1
Branch 'PS1' set up to track remote branch 'PS1' from 'origin'.
```

SharpSri / VEHICLE

<> Code

Issues

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Wiki

Security

PS1

VEHICLE / Param.txt



SharpSri First Stage PS1

1 contributor

8 lines (6 sloc) | 153 Bytes

```
1 First Stage: PS1
2
3 PSLV uses the S139 solid rocket motor that is augmented by 6 solid strap-on
4 boosters.
5 Engine : S139
6 Fuel : HTPB
7 Max. Thrust : 4800 kN
8
```

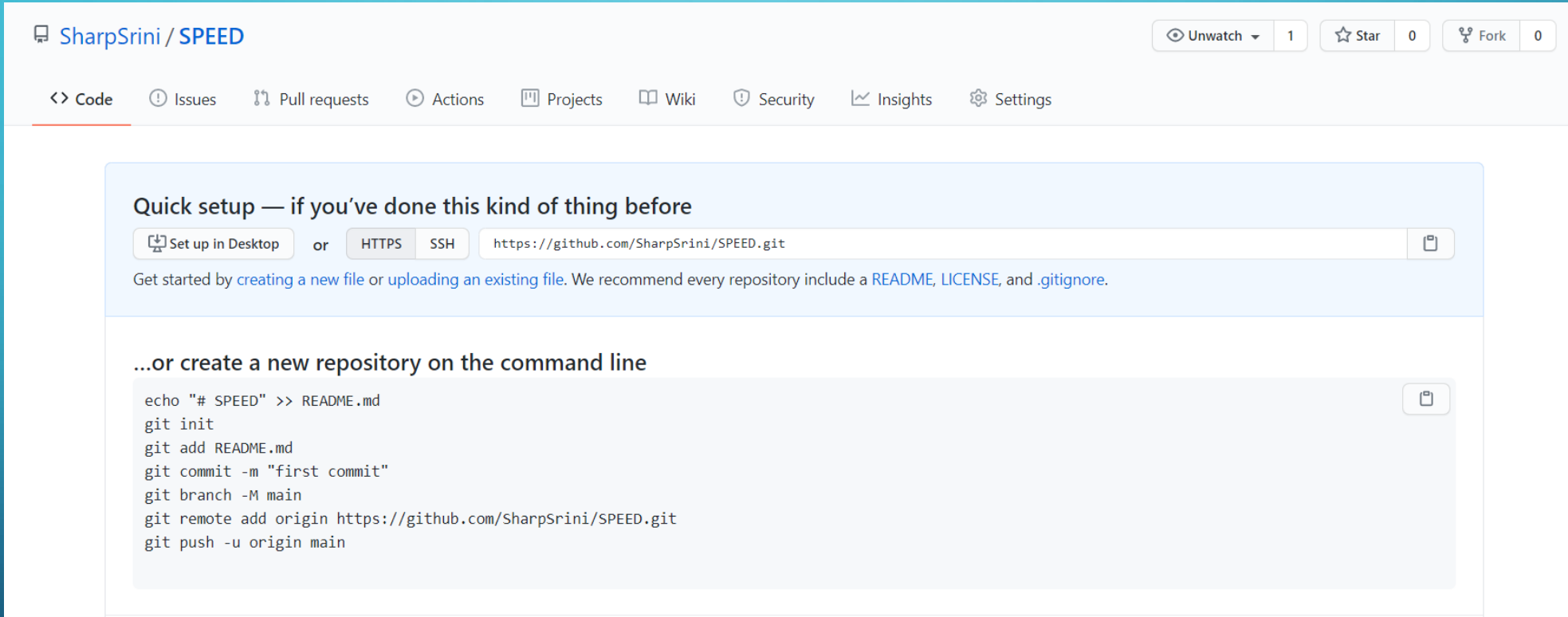

SOLVING MERGE CONFLICT MANUALLY

```
Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master|MERGING)
$ git add Param.txt

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master|MERGING)
$ git commit -m "conflict"
[master fb2ae3e] conflict

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git push -u origin master
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 516 bytes | 516.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/SharpSrini/VEHICLE.git
   3a86e12..fb2ae3e  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```


CREATING SPEED REPOSITORY



The screenshot shows the GitHub interface for a repository named 'SPEED' by user 'SharpSrini'. At the top, there are buttons for 'Unwatch' (1), 'Star' (0), and 'Fork' (0). Below this is a navigation bar with links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The main content area is divided into two sections. The first section, titled 'Quick setup — if you've done this kind of thing before', offers two options: 'Set up in Desktop' or 'HTTPS' (selected) with the URL 'https://github.com/SharpSrini/SPEED.git'. It also includes a note about including a README, LICENSE, and .gitignore. The second section, titled '...or create a new repository on the command line', provides a list of terminal commands to initialize a new repository and push it to GitHub.

SharpSrini / SPEED

Unwatch 1 Star 0 Fork 0

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH `https://github.com/SharpSrini/SPEED.git`

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# SPEED" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/SharpSrini/SPEED.git
git push -u origin main
```

ADDING AND COMMITTING FILES

```
Admin@DESKTOP-339G5VU MINGW64 /e/Speed (master)
$ git add .

Admin@DESKTOP-339G5VU MINGW64 /e/Speed (master)
$ git commit -m "Sam Commit"
[master (root-commit) 445bcd] Sam Commit
2 files changed, 38 insertions(+)
create mode 100644 Param.txt
create mode 100644 vehicle_speed.txt

Admin@DESKTOP-339G5VU MINGW64 /e/Speed (master)
$ git remote add origin https://github.com/SharpSrini/SPEED.git

Admin@DESKTOP-339G5VU MINGW64 /e/Speed (master)
$ git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 723 bytes | 241.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/SharpSrini/SPEED.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

SharpSrini / SPEED

<> Code

! Issues

🔗 Pull requests

🎬 Actions

📁 Projects

🔗 master ▾

🔗 1 branch

🏷 0 tags



SharpSrini Sam Commit



Param.txt

Sam Commit




vehicle_speed.txt

Sam Commit

Help people interested in this repository understand your project by


PULL REQUEST FROM SAM

Thurst and Speed #1

 Merged

SharpSrini merged 1 commit into `SharpSrini:master` from `Samversioncontrol:master` 1 minute ago

 Conversation 0

 Commits 1

 Checks 0

 Files changed 1



Samversioncontrol commented 2 minutes ago



No description provided.



Update Param.txt

Verified


df1e22c




SharpSrini merged commit **86b179f** into `SharpSrini:master` 1 minute ago



Revert

THRUST VALUE IS CHANGED

 master ▾

VEHICLE / Param.txt


 Samversioncontrol Update Param.txt

 2 contributors 


38 lines (29 sloc) | 842 Bytes


```
1 Base param
2
3 Height : 44m
4 Diameter : 2.8 m
5 Number of stages : 4
6 Lift off mass : 320 tonnes (XL)
7
8 Fourth Stage: PS4
9
10 The PS4 is the uppermost stage of PSLV, comprising of two Earth storable
11 liquid engines.
12 Engine : 2 x PS-4
13 Fuel : MMH + MON
14 Max. Thrust : 7.6 x 2 kN
15
16 Third Stage: PS3
17
18 The third stage of PSLV is a solid rocket motor that provides the upper stages
19 high thrust after the atmospheric phase of the launch.
20 Fuel : HTPB
21 Max. Thrust : 252 kN
22
23 Second Stage: PS2
24
25 PSLV uses an Earth storable liquid rocket engine for its second stage, know as
26 the Vikas engine, developed by Liquid Propulsion Systems Centre.
27 Engine : Vikas
28 Fuel : UDMH + N2O4
29 Max. Thrust : 799 kN
```


MIT LICENCE IS ADDED

 SharpSrin / **VEHICLE**

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


 master ▾



 6 branches


 0 tags



Go to file

Add file ▾

 Code ▾

 SharpSrin Merge pull request [#2](#) from SharpSrin/add-license-1 


4d39f27 15 seconds ago  9 commits

 LICENSE	Create LICENSE	1 minute ago
 Param.txt	Update Param.txt	9 minutes ago


Help people interested in this repository understand your project by adding a README.


Add a README


README FILE IS ADDED

 SharpSrin / **VEHICLE**

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


 master ▾


 6 branches


 0 tags




Go to file

Add file ▾


 Code ▾

 SharpSrin readmefile

3217735 now  10 commits

 LICENSE	Create LICENSE	5 minutes ago
 Param.txt	Update Param.txt	13 minutes ago
 README.md	readmefile	now

README.md














ISRO API

Open Source API for Launched Spacecrafts & Rockets data of ISRO

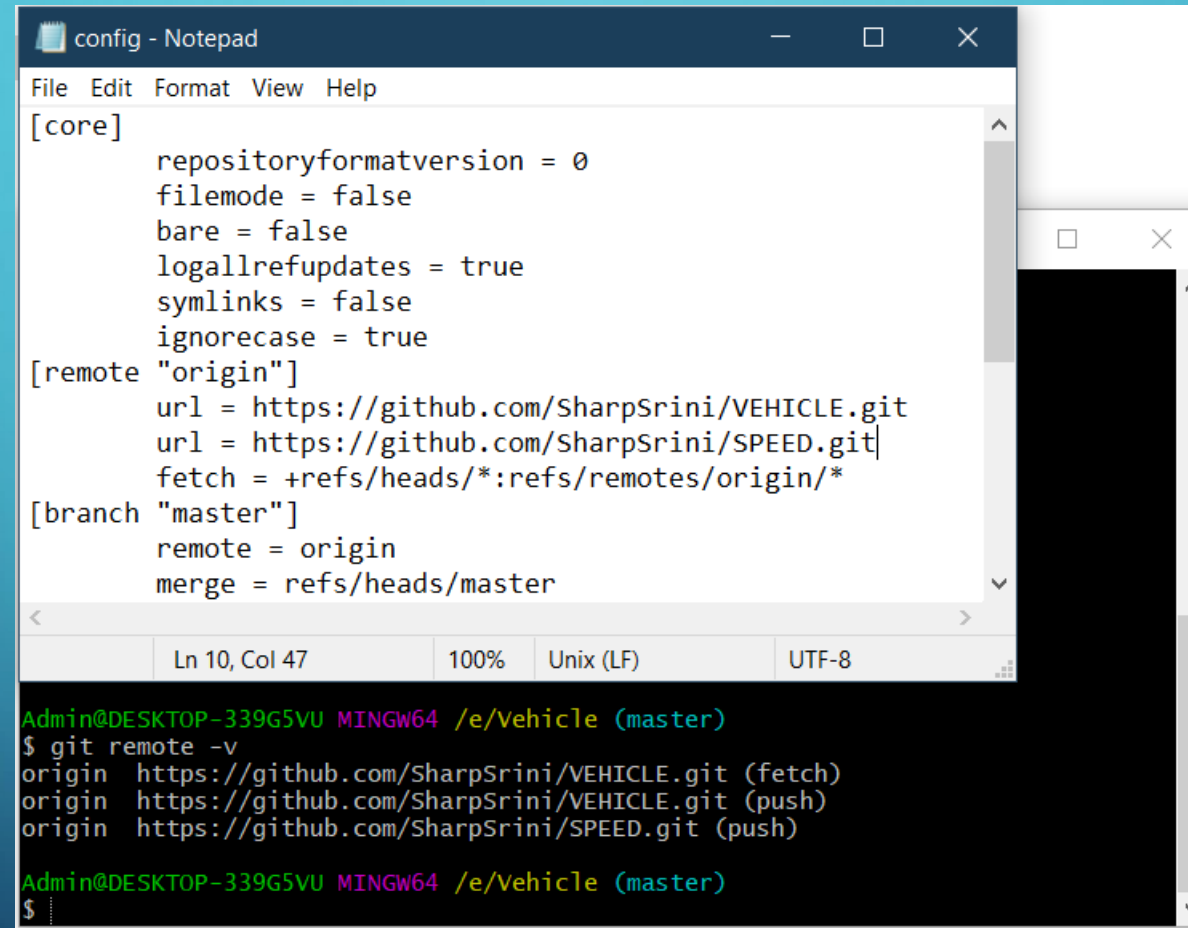
API End-Points

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

GRAPHICAL VIEW OF COMMITS

readme file
 SharpSrin committed 8 hours ago
Merge pull request #2 from SharpSrin/add-license-1 ...
 SharpSrin committed 8 hours ago
Create LICENSE
 SharpSrin committed 8 hours ago
Merge pull request #1 from Samversioncontrol/master ...
 SharpSrin committed 8 hours ago
Update Param.txt
 Samversioncontrol committed 8 hours ago
conflict
 SharpSrin committed 9 hours ago
First Stage PS1
 SharpSrin committed yesterday
Second Stage PS2
 SharpSrin committed yesterday
Third Stage PS3
 SharpSrin committed yesterday
Fourth Stage PS4
 SharpSrin committed yesterday
Base Param
 SharpSrin committed yesterday

ADDITION OF ANOTHER REPOSITORY USING CONFIG FILE



The image shows a Notepad window titled 'config - Notepad' with a menu bar (File, Edit, Format, View, Help). The text in the Notepad window is as follows:

```
[core]
    repositoryformatversion = 0
    filemode = false
    bare = false
    logallrefupdates = true
    symlinks = false
    ignorecase = true
[remote "origin"]
    url = https://github.com/SharpSrini/VEHICLE.git
    url = https://github.com/SharpSrini/SPEED.git
    fetch = +refs/heads/*:refs/remotes/origin/*
[branch "master"]
    remote = origin
    merge = refs/heads/master
```


Below the Notepad window is a terminal window showing the output of the command `git remote -v`:

```
Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git remote -v
origin https://github.com/SharpSrini/VEHICLE.git (fetch)
origin https://github.com/SharpSrini/VEHICLE.git (push)
origin https://github.com/SharpSrini/SPEED.git (push)




Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$
```


The terminal window also shows the prompt `Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)` and the command `$`.


PUSHING VISION FILE





 SharpSrini / VEHICLE


<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

 master  6 branches  0 tags




Go to file Add file  Code


 SharpSrini Merge branch 'master' of <https://github.com/SharpSrini/VEHICLE> 510754a 4 minutes ago 12 commits


 LICENSE	Create LICENSE	43 minutes ago
 Param.txt	Update Param.txt	1 hour ago
 README.md	readme file	38 minutes ago
 vision.txt	Bothrep	11 minutes ago




 SharpSrini / SPEED

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

 master  1 branch  0 tags

Go to file Add file  Code

 SharpSrini Bothrep 9ef926e 1 minute ago 2 commits

 Param.txt	Sam Commit	3 hours ago
 vehicle_speed.txt	Sam Commit	3 hours ago
 vision.txt	Bothrep	1 minute ago

CREATING GIT IGNORE FILE

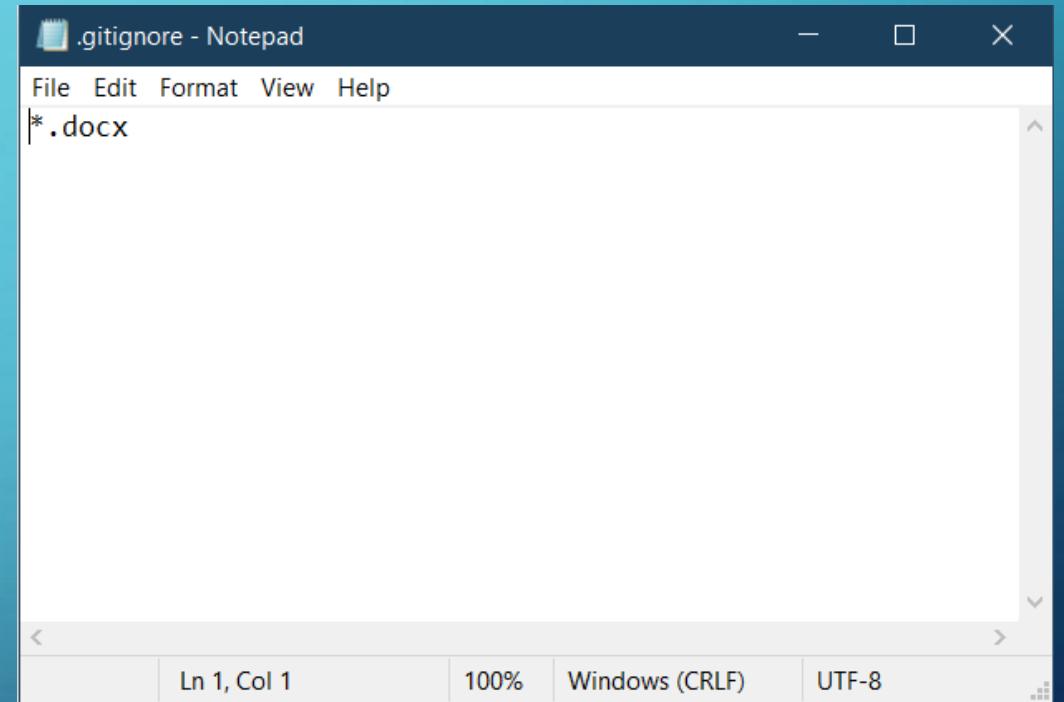
```
Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ touch .gitignore

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ start .gitignore

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git add .gitignore

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git commit -m "ignorefile"
[master fa9a87e] ignorefile
1 file changed, 1 insertion(+)
create mode 100644 .gitignore

Admin@DESKTOP-339G5VU MINGW64 /e/Vehicle (master)
$ git ls-files --ignore --exclude-standard
```



The background is a blue gradient. In the corners, there are white line art designs resembling circuit boards or neural networks, with lines and small circles.

THANK YOU