

Name: Laxmi Swami

Topic:git pull & cherry-pick command

- Git fetch -git fetch is a **Git command used to get (download) the latest changes** from a remote repository — but **it doesn't automatically merge them** into your current branch.
- Git pull - git pull is used to **downloads changes** from a remote repository **and merges them directly** into your current working branch.
- Git stash -git stash temporarily saves your modified files so that you can work on something else — like pulling new code or switching branches — **without losing your current work.**
- Git stash apply –**restores the latest stashed changes** back into your working directory
- Git stash pop – **restores the latest stashed changes** back into your working directory **and removes them from the stash list.**
- Git stash apply stash@{id}
- Git cherry-pick - iallows you to **apply a specific commit** from one branch **into your current branch, without merging the whole branch.**

Task:-Use This Command

Step 1: create instance and connect:

Step 2: create repository and add some file folder using GUI:

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Repository template

No template

Start your repository with a template repository's contents.

Owner ^{*} Laxmiswami / Repository name ^{*} git-cherry-pick

git-cherry-pick is available.

Great repository names are short and memorable. Need inspiration? How about [symmetrical-octo-sniiffle](#)?

Description (optional)

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:

☐ Add a README file
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Create Aws folder in that file.txt file:

github.com/Laxmiswami/git-cherry-pick/new/main

git-cherry-pick / Aws / file.txt in main

Cancel changes Commit changes...

Edit Preview Code 55% faster with GitHub Copilot

```
1 Hello class
2 Good Evening!!
3 How are You
4 |
```

Use Control + Shift + Tab to toggle the Tab key moving focus. Alternatively, use Esc then Tab to move to the next interactive element on the page.

The top screenshot shows a GitHub repository named 'git-cherry-pick' by user 'Laxmiswami'. A 'Commit changes' dialog box is open, showing a commit message 'manually crt file' and an option to 'Commit directly to the main branch'. The background shows a code editor with a file named 'file.txt' containing the text: 'Hello class', 'Good Evening!!', 'How are You'.

The bottom screenshot shows the repository's file list and commit history. The file list includes 'Aws', 'README.md', and 'abc.txt'. The commit history table is as follows:

Name	Last commit message	Last commit date
Aws	manually crt file	1 minute ago
README.md	first commit	3 minutes ago
abc.txt	Create abc.txt	now

Below the file list, there is a section for 'README.md' with the text 'git-cherry-pick'.

Go to gitbash create one folder and use fetch command -> after that use git pull origin main -when we hit this command our gui creation file will show in Local :

```
root@ip-172-31-18-101: ~/Github
ls419@LAXMI MINGW64 ~/Downloads
$ ssh -i "my-key.pem" ubuntu@ec2-3-95-195-22.compute-1.amazonaws.com
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Mon Jul 21 14:43:33 UTC 2025

System load:  0.0          Temperature: -273.1 C
Usage of /:   25.6% of 6.71GB    Processes:   109
Memory usage: 24%            Users logged in: 0
Swap usage:   0%              IPv4 address for ens5: 172.31.18.101

 * Ubuntu Pro delivers the most comprehensive open source security and
  compliance features.
  https://ubuntu.com/aws/pro

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Mon Jul 21 14:30:14 2025 from 103.132.244.207
ubuntu@ip-172-31-18-101:~$ sudo su -
root@ip-172-31-18-101:~# ls
AWS README.md abc.txt dev git pull snap
root@ip-172-31-18-101:~# mkdir Github
root@ip-172-31-18-101:~# cd Github
root@ip-172-31-18-101:~/Github# ls
root@ip-172-31-18-101:~/Github#
root@ip-172-31-18-101:~/Github# git fetch
root@ip-172-31-18-101:~/Github# git branch
* main
root@ip-172-31-18-101:~/Github# git pull origin https://github.com/Laxmismwami/git-cherry-pick.git
```

```
root@ip-172-31-18-101: ~/Github
Writing objects: 100% (3/3), 229 bytes | 229.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Laxmismwami/git-cherry.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
root@ip-172-31-18-101:~/Github# ls
README.md
root@ip-172-31-18-101:~/Github# git fetch
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 7 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (7/7), 1.83 KiB | 467.00 KiB/s, done.
From https://github.com/Laxmismwami/git-cherry
   c69d46b..4f33561  main       -> origin/main
root@ip-172-31-18-101:~/Github# git branch
* main
root@ip-172-31-18-101:~/Github# git pull origin main
From https://github.com/Laxmismwami/git-cherry
 * branch            main       -> FETCH_HEAD
Updating c69d46b..4f33561
Fast-forward
   Aws/file.txt | 2 ++
   abc.txt      | 1 +
   2 files changed, 3 insertions(+)
   create mode 100644 Aws/file.txt
   create mode 100644 abc.txt
root@ip-172-31-18-101:~/Github# cd Aws
root@ip-172-31-18-101:~/Github/Aws# ls
file.txt
root@ip-172-31-18-101:~/Github/Aws# cat file.txt
hello
good morning
root@ip-172-31-18-101:~/Github/Aws# vi stash.txt
root@ip-172-31-18-101:~/Github/Aws# cd ..
root@ip-172-31-18-101:~/Github# ls
AWS README.md abc.txt
root@ip-172-31-18-101:~/Github# vi stash.txt
root@ip-172-31-18-101:~/Github# git add .
root@ip-172-31-18-101:~/Github# git stash
Saved working directory and index state WIP on main: 4f33561 Create abc.txt
root@ip-172-31-18-101:~/Github# git status
On branch main
Your branch is up to date with 'origin/main'.
```

Use Stash Command:

```
root@ip-172-31-18-101: ~/Github
root@ip-172-31-18-101:~/Github# git stash
Saved working directory and index state WIP on main: 4f33561 Create abc.txt
root@ip-172-31-18-101:~/Github# git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
root@ip-172-31-18-101:~/Github# git log
commit 4f33561b402b318f9378f792ce58789f18a66cf4 (HEAD -> main, origin/main)
Author: Laxmismwami <l53653320+Laxmismwami@users.noreply.github.com>
Date: Mon Jul 21 20:18:52 2025 +0530

    Create abc.txt

commit 67aa8d4fd36c238c6cea584eeeb44371cb45aa2
Author: Laxmismwami <l53653320+Laxmismwami@users.noreply.github.com>
Date: Mon Jul 21 20:18:27 2025 +0530

    Create file.txt

commit c69d46b54d4a85f38f0a0406d8e7b328248f19b9
Author: root <root@ip-172-31-18-101.ec2.internal>
Date: Mon Jul 21 14:46:45 2025 +0000

    first commit
root@ip-172-31-18-101:~/Github# touch abc.txt
root@ip-172-31-18-101:~/Github# git stash list
stash@{0}: WIP on main: 4f33561 Create abc.txt
root@ip-172-31-18-101:~/Github# ls
Aws README.md abc.txt
root@ip-172-31-18-101:~/Github# touch abc.txt
root@ip-172-31-18-101:~/Github# git add .
root@ip-172-31-18-101:~/Github# git stash
No local changes to save
root@ip-172-31-18-101:~/Github# git stash show
  Aws/stash.txt | 1 +
  stash.txt      | 1 +
  2 files changed, 2 insertions(+)
root@ip-172-31-18-101:~/Github# echo "Temporary store">>abc.txt
root@ip-172-31-18-101:~/Github# git add abc.txt
root@ip-172-31-18-101:~/Github# git stash
Saved working directory and index state WIP on main: 4f33561 Create abc.txt
root@ip-172-31-18-101:~/Github# git stash show
  abc.txt | 1 +
  1 file changed, 1 insertion(+)
```

```
root@ip-172-31-18-101:~/Github
root@ip-172-31-18-101:~/Github# git add .
root@ip-172-31-18-101:~/Github# git stash
No local changes to save
root@ip-172-31-18-101:~/Github# git stash show
  Aws/stash.txt | 1 +
  stash.txt      | 1 +
  2 files changed, 2 insertions(+)
root@ip-172-31-18-101:~/Github# echo "Temporary store">>abc.txt
root@ip-172-31-18-101:~/Github# git add abc.txt
root@ip-172-31-18-101:~/Github# git stash
Saved working directory and index state WIP on main: 4f33561 Create abc.txt
root@ip-172-31-18-101:~/Github# git stash show
  abc.txt | 1 +
  1 file changed, 1 insertion(+)
```

```
root@ip-172-31-18-101:~/Github# stash apply
Command 'stash' not found, did you mean:
  command 'sash' from deb sash (3.8-5)
  command 'smash' from deb node-smash (0.0.15-3)
  command 'kstash' from deb heimdal-kdc (7.8.git20221117.28daf24+dfsg-3ubuntu4)
Try: apt install <deb name>
root@ip-172-31-18-101:~/Github# stash pop
Command 'stash' not found, did you mean:
  command 'sash' from deb sash (3.8-5)
  command 'kstash' from deb heimdal-kdc (7.8.git20221117.28daf24+dfsg-3ubuntu4)
  command 'smash' from deb node-smash (0.0.15-3)
Try: apt install <deb name>
root@ip-172-31-18-101:~/Github# git stash pop
On branch main
Your branch is up to date with 'origin/main'.

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:   abc.txt

no changes added to commit (use "git add" and/or "git commit -a")
Dropped refs/stash@{0} (ef342b53001a006d45ca6e3f114ba0ad1e3fdca)
root@ip-172-31-18-101:~/Github# git stash apply
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Aws/stash.txt
```

```
root@ip-172-31-18-101: ~/Github
root@ip-172-31-18-101:~/Github# git stash apply
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Aws/stash.txt
    new file:   stash.txt

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:   abc.txt

root@ip-172-31-18-101:~/Github# ls
AWS README.md abc.txt stash.txt
root@ip-172-31-18-101:~/Github# git stash stash.txt
fatal: subcommand wasn't specified; 'push' can't be assumed due to unexpected token 'stash.txt'
root@ip-172-31-18-101:~/Github# ls
AWS README.md abc.txt stash.txt
root@ip-172-31-18-101:~/Github# touch aws.txt
root@ip-172-31-18-101:~/Github# ls
AWS README.md abc.txt aws.txt stash.txt
root@ip-172-31-18-101:~/Github# git add aws.txt
root@ip-172-31-18-101:~/Github# git stash
Saved working directory and index state WIP on main: 4f33561 Create abc.txt
root@ip-172-31-18-101:~/Github# ls
AWS README.md abc.txt
root@ip-172-31-18-101:~/Github# git stash show
  Aws/stash.txt | 1 +
  abc.txt       | 1 +
  aws.txt       | 0
  stash.txt     | 1 +
  4 files changed, 3 insertions(+)
root@ip-172-31-18-101:~/Github# git stash pop
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Aws/stash.txt
    new file:   aws.txt
    new file:   stash.txt
```

```
root@ip-172-31-18-101: ~/Github
    new file:   stash.txt

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:   abc.txt

Dropped refs/stash@{0} (3b0e369c7c66d988e3622155078e389a6d42e823)
root@ip-172-31-18-101:~/Github# git stash apply stash@{0}
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Aws/stash.txt
    new file:   aws.txt
    new file:   stash.txt

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:   abc.txt

root@ip-172-31-18-101:~/Github# ls
AWS README.md abc.txt aws.txt stash.txt
root@ip-172-31-18-101:~/Github# git stash clear
root@ip-172-31-18-101:~/Github# git checkout -b master
Switched to a new branch 'master'
root@ip-172-31-18-101:~/Github# git branch
* master
root@ip-172-31-18-101:~/Github# git commit -m "added"
[master 9178dae] added
  Committer: root <root@ip-172-31-18-101.ec2.internal>
  Your name and email address were configured automatically based
  on your username and hostname. Please check that they are accurate.
  You can suppress this message by setting them explicitly. Run the
  following command and follow the instructions in your editor to edit
  your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:
```

Use cherry-pick command:


```
root@ip-172-31-18-101: ~/Github
After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

3 files changed, 2 insertions(+)
create mode 100644 Aws/stash.txt
create mode 100644 aws.txt
create mode 100644 stash.txt
root@ip-172-31-18-101:~/Github# git checkout master
M
  abc.txt
Already on 'master'
root@ip-172-31-18-101:~/Github# git cherry-pick https://github.com/Laxmismwami/git-cherry.git
fatal: bad revision 'https://github.com/Laxmismwami/git-cherry.git'
root@ip-172-31-18-101:~/Github# ls
Aws README.md abc.txt aws.txt stash.txt
root@ip-172-31-18-101:~/Github# git add .
root@ip-172-31-18-101:~/Github# git commit -m "all added"
[master 2f83ff3] all added
  Committer: root <root@ip-172-31-18-101.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 1 insertion(+)
root@ip-172-31-18-101:~/Github# git push origin master
Username for 'https://github.com': Laxmismwami
Password for 'https://Laxmismwami@github.com':
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 2 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (9/9), 765 bytes | 765.00 KiB/s, done.
Total 9 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
  https://github.com/Laxmismwami/git-cherry/pull/new/master
```

```
root@ip-172-31-18-101: ~/Github
create mode 100644 stash.txt
root@ip-172-31-18-101:~/Github# git checkout master
M
  abc.txt
Already on 'master'
root@ip-172-31-18-101:~/Github# git cherry-pick https://github.com/Laxmismwami/git-cherry.git
fatal: bad revision 'https://github.com/Laxmismwami/git-cherry.git'
root@ip-172-31-18-101:~/Github# ls
Aws README.md abc.txt aws.txt stash.txt
root@ip-172-31-18-101:~/Github# git add .
root@ip-172-31-18-101:~/Github# git commit -m "all added"
[master 2f83ff3] all added
  Committer: root <root@ip-172-31-18-101.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 1 insertion(+)
root@ip-172-31-18-101:~/Github# git push origin master
Username for 'https://github.com': Laxmismwami
Password for 'https://Laxmismwami@github.com':
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 2 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (9/9), 765 bytes | 765.00 KiB/s, done.
Total 9 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/Laxmismwami/git-cherry/pull/new/master
remote:
To https://github.com/Laxmismwami/git-cherry.git
 * [new branch]      master -> master
root@ip-172-31-18-101:~/Github# ls
Aws README.md abc.txt aws.txt stash.txt
root@ip-172-31-18-101:~/Github# |
```

Master branch will be add here :

Browser tabs: AWS Management Console, Connect to instance | EC2 | us-... , github - Yahoo India Search Re..., Laxmishwami/git-cherry

Address bar: github.com/Laxmishwami/git-cherry/tree/main

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

Repository: git-cherry (Public)

Buttons: Pin, Watch 0, Fork 0, Star 0

Notification: master had recent pushes 1 minute ago [Compare & pull request](#)

Branches: main (selected), 2 Branches, 0 Tags

Search: Go to file

Buttons: Add file, Code

Switch branches/tags

Find or create a branch...

Branches: main (checked), master

Tags: default

View all branches

Commits:

Create file.txt	15 minutes ago
first commit	17 minutes ago
Create abc.txt	15 minutes ago

git-cherry

About: No description, website, or topics provided.

Readme

Activity

0 stars

0 watching

0 forks

Releases: No releases published [Create a new release](#)

Packages: No packages published [Publish your first package](#)

System tray: 26°C Mostly cloudy, Search, 20:33 21-07-2025

Browser tabs: AWS Management Console, Connect to instance | EC2 | us-... , github - Yahoo India Search Re..., Laxmishwami/git-cherry at master

Address bar: github.com/Laxmishwami/git-cherry/tree/master

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

Repository: git-cherry (Public)

Buttons: Pin, Watch 0, Fork 0, Star 0

Notification: master had recent pushes 13 seconds ago [Compare & pull request](#)

Branches: master (selected), 2 Branches, 0 Tags

Search: Go to file

Buttons: Add file, Code, Contribute

This branch is 2 commits ahead of main.

Commits:

root all added	2 minutes ago	5 Commits
Aws	added	2 minutes ago
README.md	first commit	16 minutes ago
abc.txt	all added	1 minute ago
aws.txt	added	2 minutes ago
stash.txt	added	2 minutes ago

README

git-cherry

About: No description, website, or topics provided.

Readme

Activity

0 stars

0 watching

0 forks

Releases: No releases published [Create a new release](#)

Packages: No packages published [Publish your first package](#)

System tray: 26°C Mostly cloudy, Search, 20:33 21-07-2025