

Git Commands

An overview of the most important Git commands

git merge

The "merge" command is used to integrate changes from another branch.

The target of this integration (i.e. the branch that *receives* changes) is always the currently checked out HEAD branch.

While Git can perform most integrations automatically, some changes will result in conflicts that have to be solved by the user. Read more about [Dealing with Merge Conflicts](#) in our online book.

Important Options

--no-ff

Creates a merge commit even when a fast-forward would be possible.

--squash

--abort

When a conflict occurs, this option can be used to **abort the merge and restore the project's state** as it was before starting the merge.

The Git Cheat Sheet

No need to remember all those commands and parameters: get our popular "Git Cheat Sheet" - for free!

[Download Now for Free](#)

Usage Examples

Before using "git merge", make sure the correct local branch is checked out. Then, to perform the merge, simply specify which branch's commits you want to integrate:


```
git checkout develop
git merge feature/login
```




TIP

Easy Branching & Merging in Tower

In case you are using the **Tower Git client**, merging branches is very easy: simply drag the branch you want to integrate and drop it onto your current HEAD branch in the sidebar.


development
Tags
Remotes



	72101400 Merge branch 'dev...		modified	M
	Tobias Günther 10.08.16 2e28d78a Changed about.ht...		modified	M
	Tobias Günther 10.08.16		modified	M







In case of a merge conflict, Tower's unique "Conflict Wizard" helps you solve the problems in an easy, visual way:

Merging develop into HEAD
Abort




2 Unresolved Conflicts


Please resolve all conflicts and commit to resolve the merge

Status	Filename
 	 error.html
 	 index.html


error.html


MY VERSION from: HEAD



Tobias Günther 20.02.15
1BB137A Delete error.html



error.html
DELETED

THEIR VERSION from: develop


Fabricio Rosa Marques 20.0...
1F54700 Change navigation in error.html


error.html
MODIFIED




Please Select a File Above

Learn More

› Check out the chapter [Merging Changes](#) in our free online book



Get our popular **Git Cheat Sheet** for free!

You'll find the most important commands on the front and helpful best practice tips on the back. Over 100,000 developers have downloaded it to make Git a little bit easier.

☐ Yes, send me the cheat sheet and sign me up for the Tower newsletter. It's free, it's sent infrequently, you can unsubscribe any time.

☐ I have read and accept the [Privacy Policy](#). I understand that I can unsubscribe at any time.

Your email address



About Us

As the makers of [Tower](#), the best Git client for Mac and Windows, we help over 100,000 users in companies like Apple, Google, Amazon, Twitter, and Ebay get the most out of Git.

Just like with Tower, our mission with this platform is to help people become better professionals.

That's why we provide our guides, videos, and cheat sheets (about version control with Git and lots of other topics) for free.

About

- About
- Blog
- Merch
- Tower Git Client

Git & Version Control

- Online Book
- First Aid Kit
- Webinar
- Video Course
- FAQ
- Glossary
- Commands

Web Development

- Website Optimization

Cheat Sheets

- Git
- Visual Studio Code
- Tower Git Client
- Xcode
- Command Line 101
- Git for Subversion Users
- Workflow of Version Control
- Website Optimization

