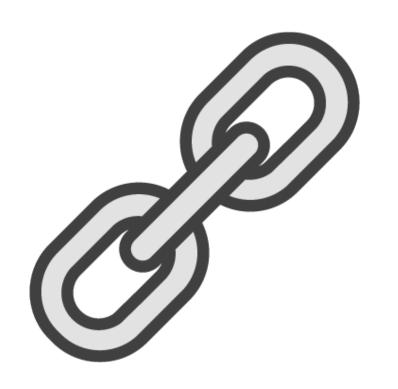
Merging Branches with GitHub Desktop



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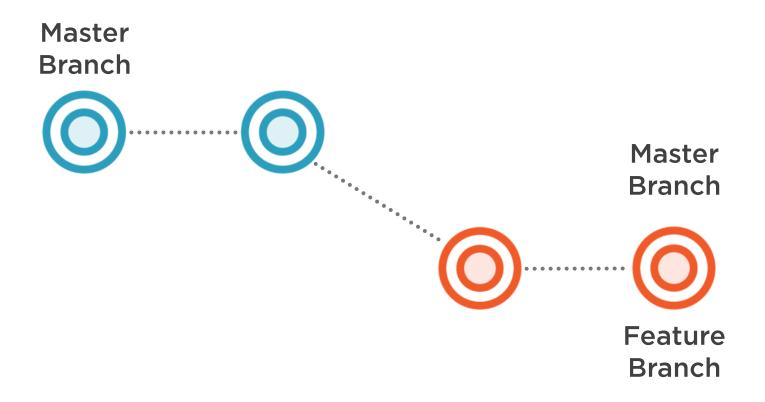




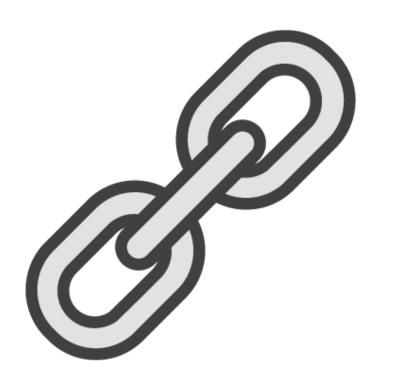
Combining history of one branch into another

- Fast forward merge





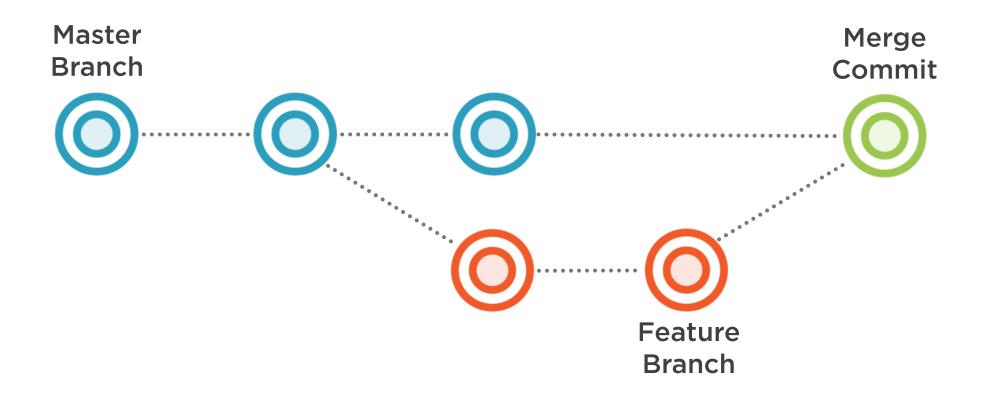




Combining history of one branch into another

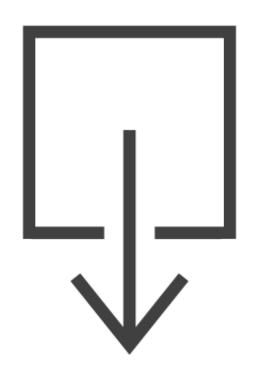
- Fast forward merge
- 3-way merge







What Is a Pull Request?



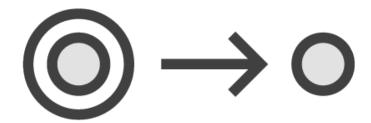
Happens before merging branches

Allows others to review feature branch

Add comments, reviewers, descriptions, or update with new commits



What Is Branch Rebasing?



Branch created from different commit

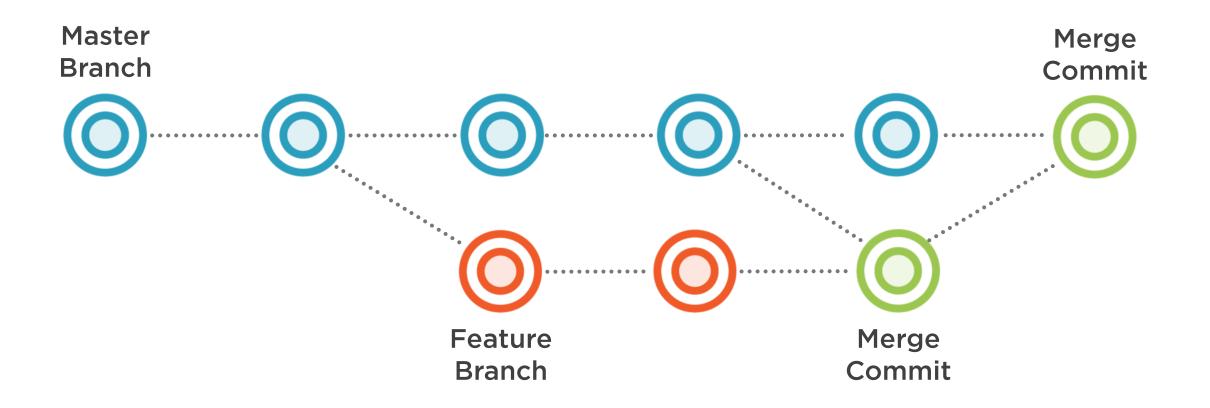
Maintains linear commit history

Allows fast forward merge

Not used on public branches

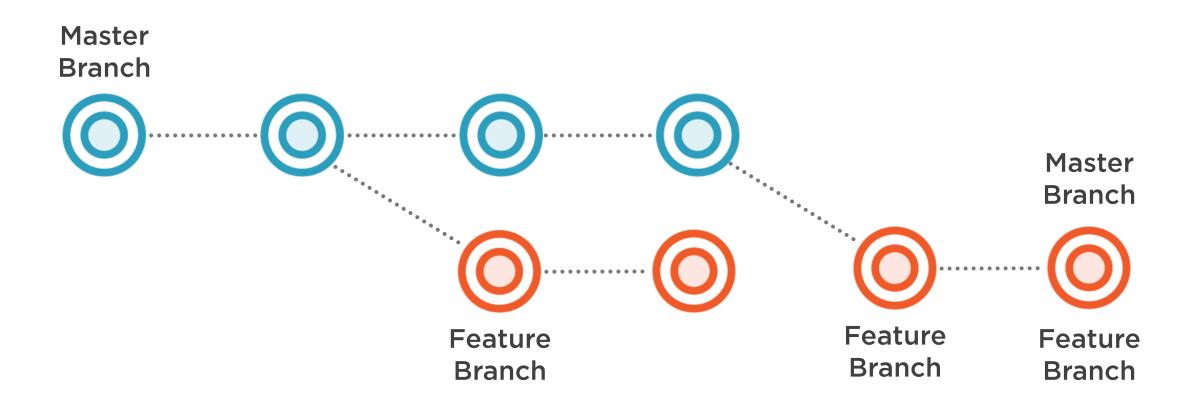


What Is Branch Rebasing?





What Is Branch Rebasing?





What Is Stashing?



Temporarily saves changes before commit

Great for switching between branches

Pause and resume working on a feature





Merging branches by various merging types

- Three-way merge
- Fast forward merge

How to invoke each in GitHub Desktop





How to utilize Pull Requests from GitHub Desktop

How to create Pull Request via GitHub Cloud





Rebasing branches using GitHub Desktop

- Avoiding merge commits





Stashing in GitHub Desktop

Best practices for stashing changes



Summary



What GitHub Desktop is?

- Benefits of using GitHub Desktop

Authentication to GitHub Cloud

- SSH and HTTPS

Cloning repositories via SSH

Importing repositories into GitHub Desktop

Setting up GitHub Desktop



Summary



What branches are and benefits of using them

Centralized workflow via GitHub Desktop

- Resolving merge conflicts

Best practices when committing changes

- Reverting committed changes

Pulling and fetching via GitHub Desktop

Feature branch workflow

Compared branches on GitHub
 Desktop



Summary



What pull requests are and how to use them

 Cannot be created directly on GitHub Desktop

Three-way merges with a merge commit

Prevented merge commits with branch rebasing

Fast Forward merges

Stashing on GitHub Desktop

