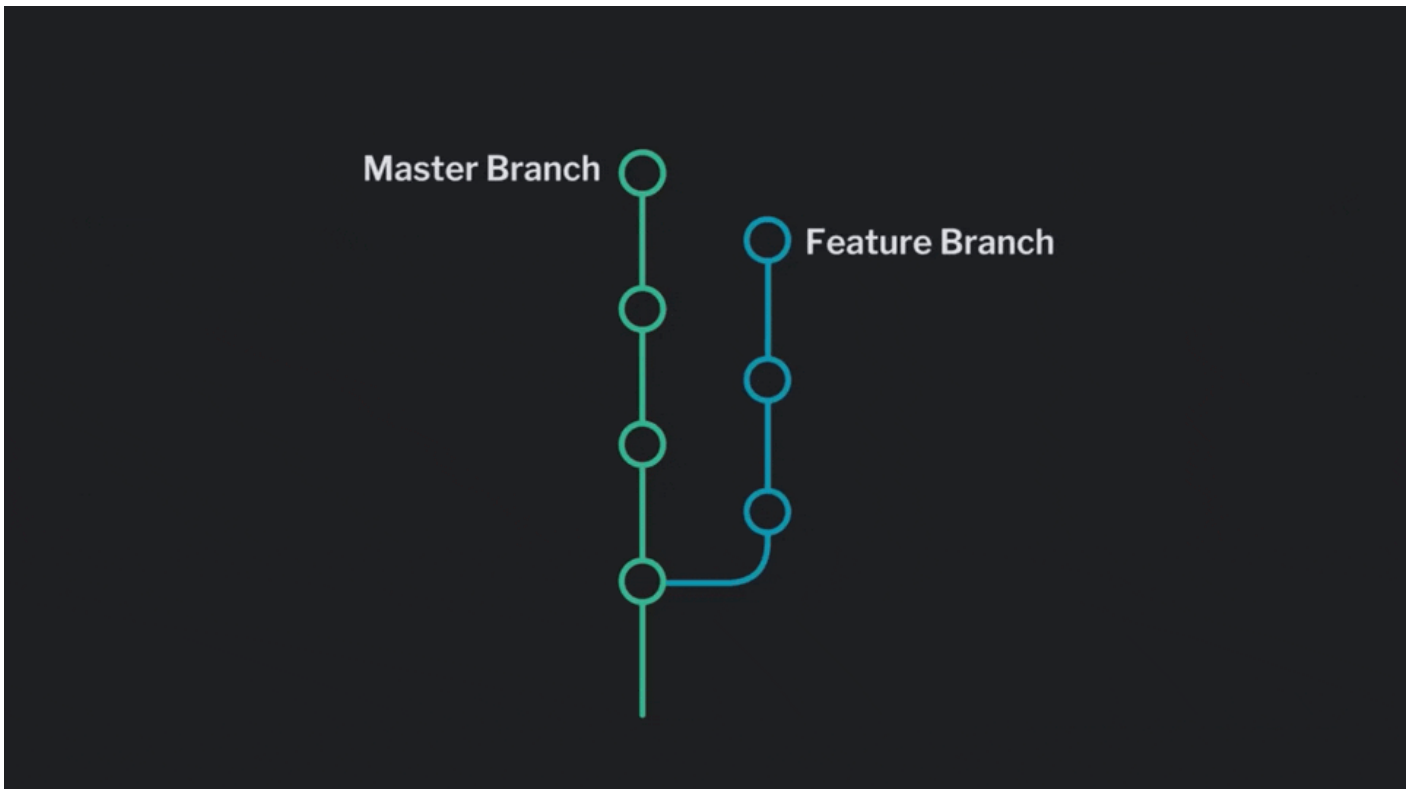


# Merge - Rebase - Squash

When should you use either of them?

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## Merge

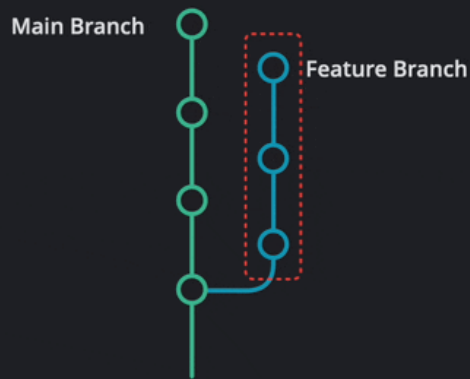


Source: <https://www.gitkraken.com/learn/git/git-merge> (Last accessed 22.03.2023)

Merging is used to merge two branches and preserve their history. It also makes it easier to undo mistakes.

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## Rebase



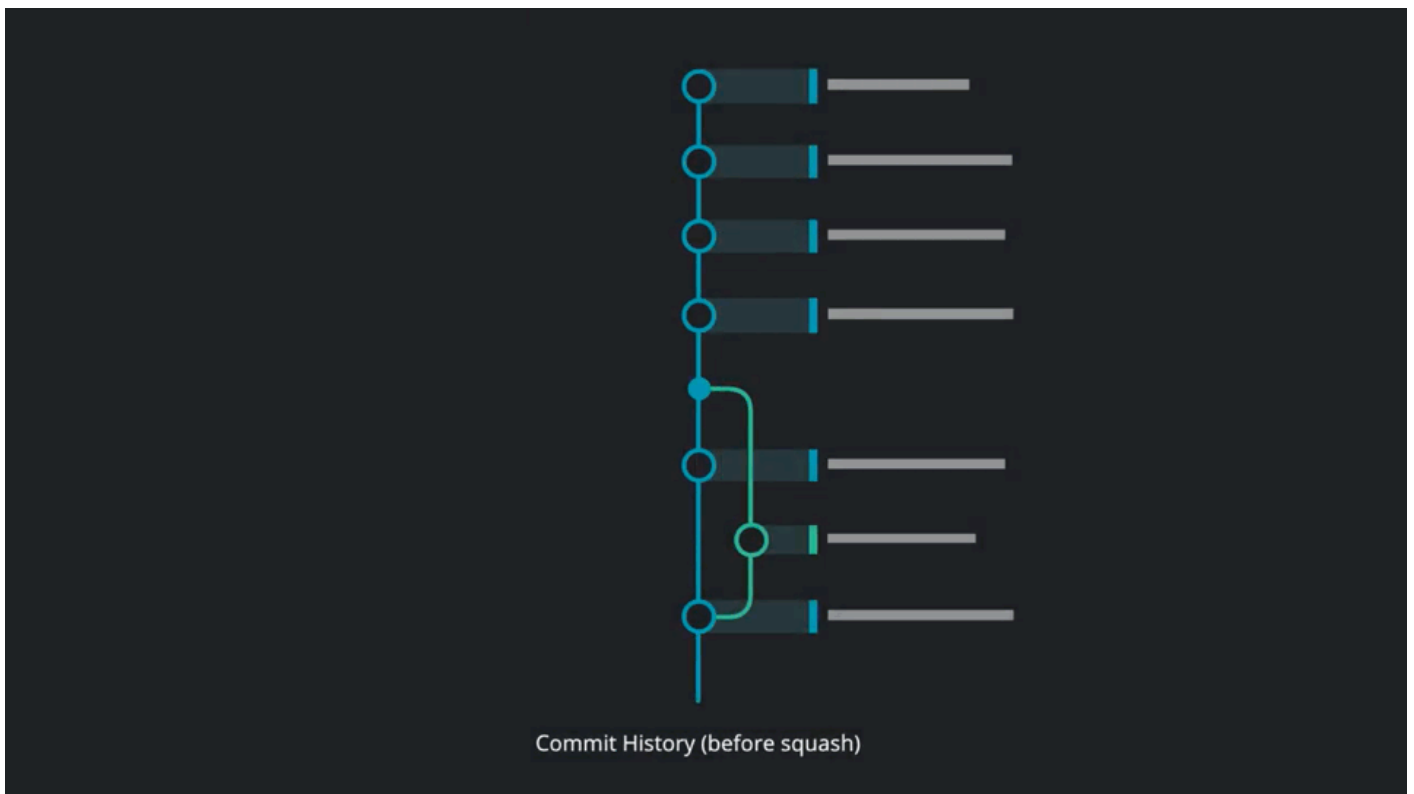
Source: <https://www.gitkraken.com/learn/git/git-rebase> (Last accessed 22.03.2023)

Rebasing can be beneficial in feature branches. Dev --> feature/<feature-name>

Rebase will rewrite commit history so please don't use it on shared branches like dev and main.

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## Squash



Source: <https://www.gitkraken.com/learn/git/git-squash> (Last accessed 22.03.2023)

Squash can be used to condense a lot of commits into one. This can be useful if want to merge dev into main and you have 50 commits.

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