

Git conflict management

🌐 Language: [Deutsch](#) · [English](#)

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Merge branches safely – squash test merge, real merge and conflict resolution.

HOW-TO

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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How to merge one branch into another (example: 3.12 into 3.13).

Test merge (squash)

First run a **test merge** to detect conflicts without committing the result:

```
# Remote-Heads aktualisieren
git fetch
# Auf den Ziel-Branch wechseln
git checkout 3.13
# Testmerge ohne Ergebnis einzutragen
git merge --squash origin/3.12
```

Real merge

```
git fetch
git checkout 3.13
# Merge, der das Ergebnis sofort einträgt (falls keine Konflikte)
git merge origin/3.12
```



Resolving conflicts

If conflicts occur, resolve the files manually (or with a merge tool such as kdiff3), then `git add` and `git commit`.

Related pages

⚙️ Git

Basics.

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