

Q. What is Cherry-Pick ? Explain use case of it also write steps to do it.

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Cherry-pick is a command that is used for grabbing the snapshot from some other commit of another branch and placing it at the head of current branch. The cherry-pick makes use of the hash of the commit that is needed. This is an alternative to merge but can result in creation of duplicate commits in the branches.

Use-cases of cherry pick :

1. A commit was accidentally made to a branch where the commit was not supposed to happen, this can be corrected by using cherry pick to now apply the commit to the correct branch.
2. A bug was detected in the master branch and a developer has created the bug-fix on his own branch this bug fix can be directly added to the master branch using cherry-picking to get the bug fix on the main branch.

Using cherry-picking :

- ➔ \$ git checkout branch-where-commit-is-present
- ➔ \$ git log (after this view and select the hash code of the commit that was applied)
- ➔ \$ git checkout branch-where-commit-is-to-be-applied
- ➔ \$ git cherry-pick hash-code-of-selected-commit