

# Interactive Rebase

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Rebasing branches interactively provides you with the possibility to apply commits in the necessary order, squash or edit commits before applying, and skip commits that contain extraneous changes.

Interactive mode is available for rebasing branches entirely or partially on top of the HEAD or to any specific commit.

## To rebase a branch in the interactive mode

1. [Initiate the rebase](#) procedure.
2. Select the **Interactive** check box.

To have IntelliJ IDEA try to recreate merges instead of ignoring them, select the **Preserve Merges** check box.

Git does not support squashing commits when the **Preserve merges** option is enabled.

3. Specify the [new base](#), the [range of commits](#) to apply, and the [merge strategy](#).
4. Click **OK**. The [Rebasing Commits](#) dialog box opens displaying a list of all the commits within the specified range in the chronological order. For each commit its hash and comment are shown.

To view which files are affected in a commit, select the commit and click the **View** button.

5. Define the order of processing the commits by selecting the relevant lines and clicking the **Move Up** and **Move Down** buttons.
6. Use the **Action** drop-down list to define how each commit should be processed:
  - To apply a commit as is, select the **Pick** option.
  - To update a commit before applying, select the **Edit** option.
  - To ignore a commit, select the **Skip** option.
  - To combine a commit with the previous commit, select the **Squash** option.

After you start rebasing, you will be asked to supply additional information on the squashed commits.

If the affected commits have different authors, the squashed commit will be attributed to the author of the first commit.

7. Click the **Rebase** button. The rebase process starts. View the rebase log in the [Version Control](#) tool window, [resolve conflicts](#) that arise, and [resume](#) rebasing.

## See Also

### Concepts:

- [Version Control with IntelliJ IDEA](#)

### Procedures:

- [Rebasing Branches](#)

- [Applying a Branch Entirely on Top of Master](#)
- [Rebasing a Branch to a Specific Commit](#)

**Reference:**

- [Version Control Reference](#)
- [Rebase Branches Dialog](#)
- [Rebasing Commits Dialog](#)

**Web Resources:**

- [Developer Community](#) 