

# Rebase Branches Dialog

## VCS | Git | Rebase

Use this dialog box to specify the branch to rebase, the new base, the rebasing mode, and configure the rebasing procedure.

Item	Description
Git Root	From this drop-down list, select the path to the local repository in which you want to rebase a branch.
Branch	From this drop-down list, select the branch to rebase. By default, the current working branch is selected. If you specify another branch, it will be automatically checked out first.
Interactive	Select this check box to view and possibly edit a list of commits to be rebased.
Preserve Merges	Select this check box to have the possibility to recreate merges instead of ignoring them. The check box is available only when the <b>Interactive</b> check box is selected. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;">When this check box is selected, Git does not support squashing commits.</div>
Onto	Use this drop-down list to specify the new base for the selected branch. To specify the required commit, type its commit hash or use an expression, for example, of the following structure: <branch>~<number of commits backwards between the latest commit (HEAD) and the required commit>. Refer to the Git <a href="#">commit naming</a> conventions for details. If no commit is specified, the HEAD of the selected branch is used as the new base.
Validate	Click this button to check that the commit specified in the <b>Onto</b> field exists and view which files were affected in it.
From	Use this drop-down list to specify the commit starting from which you want to apply the branch to the new base. Type the required commit hash or use an expression, for example, of the following structure: <branch>~<number of commits backwards between the latest commit (HEAD) and the required commit>. Refer to the Git <a href="#">commit naming</a> conventions for details. To apply the entire branch, leave the field empty.
Validate	Click this button to check that the commit specified in the <b>From</b> field exists and view which files were affected in it.
Show Tags	Select this check box to have <a href="#">tagged commits</a> included in the <b>Onto</b> and <b>From</b> drop-down lists.
Show Remote Branches	Select this check box to have branches in the remote repository included in the <b>Onto</b> drop-down list.

Item	Description
Merge Strategy	<p>From this drop-down list, select the <a href="#">merge strategy</a> . The available options are:</p> <ul style="list-style-type: none"> <li>■ <b>Default</b></li> <li>■ <b>Resolve</b> - select this option if you need to resolve two HEADs, one of which is the current branch and the other HEAD is the branch from which you pulled changes. When this option is selected, the 3-way merge algorithm is applied.</li> <li>■ <b>Recursive</b> - the default merge strategy for pulling one branch. Select this option if you need to resolve two HEADs by applying the 3-way merge algorithm and there are more than one common ancestor that can be used for 3-way merge.</li> <li>■ <b>Octopus</b> - the default merge strategy for pulling more than one branch.</li> </ul> <div style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <p>Merges that require resolving conflicts manually are not performed.</p> </div> <ul style="list-style-type: none"> <li>■ <b>Ours</b> - select this option if you need to supersede old development history of side branches. By applying this strategy any number of HEADs can be resolved but the result of the merge is always the HEAD of the current branch.</li> <li>■ <b>Subtree</b> - a modified recursive strategy.</li> </ul>
Do not use merge strategies	When this check box is selected, no merge strategy is applied during rebase.
Rebase	Click this button to initiate rebasing according to the defined settings.

## See Also

### Concepts:

- [Version Control with IntelliJ IDEA](#)

### Procedures:

- [Rebasing Branches](#)

### Web Resources:

- [Developer Community](#) 