Merge Branches Dialog

Use this dialog box to specify arguments for merging branches in a local Git repository.

Item	Description
Git Root	From this drop-down list, select the path to the local repository in which you want to merge branches.
Current Branch	This read-only field shows the name of the branch which is currently checked out in the selected local repository. This is the target branch, the changes from the selected source branches will be applied to it. The contents of the field depend on the selection in the **Git Root** drop-down list.
Branches to Merge	Use this list box to specify the source branches from which changes will be applied to the target branch. The list shows only those branches that contain applicable commits. Applicable commits are commits made after a branch separated from the target branch.
Strategy	From this drop-down list, select the merge strategy 🔗. The available options are: ▪ **Default** ▪ **Resolve** - select this option if you need to resolve two HEADs, one of which is the current branch and the other HEAD is the branch which you selected in the **Branches to Merge** list. When this option is selected, the 3-way merge algorithm is applied. ▪ **Recursive** - the default merge strategy for merging the current branch with 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. ▪ **Octopus** - the default merge strategy for merging the current branch with more than one branch. Merges that require resolving conflicts manually are not performed. ▪ **Ours** - select this option if you need to resolve several HEADs. The result of the merge is always the HEAD of the current branch. ▪ **Subtree** - a modified recursive strategy. When two or more source branches are selected in the **Branches to Merge** list box, only the **Octopus** and **Ours** options are available.
No Commit	Select this check box if you need to inspect and, if necessary, adjust the result of merging before committing the result. The merge is performed but is not committed automatically, as if it failed.

Item	Description
No Fast Forward	Select this check box to generate a merge commit even if the merge resolved as a fast-forward ⊡.
Squash Commit	Select this check box to create a single commit on top of the current branch instead of merging one or more other branches. The working tree and index state are produced as if a real merge happened, but commit is not performed and the HEAD is not moved.
Add Log Information	Select this check box to have IntelliJ IDEA populate, in addition to branch names, a log message with one-line descriptions from the actual commits that are being merged.
Commit Message	In this text box, provide a description for the commit. The text box is available only if the **No Commit** check box is not selected.
Merge	Click this button to initiate merging the specified branches in the local repository according to the defined settings.

See Also

Procedures:

- Merging, Deleting, and Comparing Branches

Web Resources:

- Developer Community ⊡