Rebasing Branches

The Git integration with IntelliJ IDEA supports the *Rebase* operation and provides interface that ensures high flexibility in setting rebase arguments.

The following functionality is supported:

- The *basic use case*, which involves applying a branch on top of the current HEAD of the master after synchronization with the upstream.
- Rebasing a branch entirely or partially to a specific commit in any branch or tag.
- Running rebase on several local repositories simultaneously.
- Selecting a merge strategy to apply, with the possibility to use no merging strategy at all.
- Running rebase interactively with control over preserving/squashing merges.
- Resuming interrupted rebase after merge conflicts are resolved.
- Cancelling rebase.

To initiate a rebase operation

1. On the main menu, choose **VCS | Git | Rebase**. The Rebase Branches dialog box opens.
2. From the **Git Root** drop-down list, select the relevant local repository.
3. From the **Branch** drop-down list, select the branch to rebase.

   > By default, the current branch is selected. If you specify another branch, it will be checked out.

4. Specify the new base and commits to apply.

To resume an interrupted rebase operation

- On the main menu, choose **VCS | Git | Continue Rebasing**.

   > Before resuming rebase, view the log in the Version Control tool window.

   > If rebase has been initiated and interrupted on two or more local repositories, the **Continue Rebasing** dialog box is displayed. Use the **Git Root** drop-down list, to specify the repository to resume rebase on.

To cancel a rebase operation

- On the main menu, choose **VCS | Git | Abort Rebasing**.

   > If rebase has been initiated on two or more local repositories, the **Abort Rebasing** dialog box is displayed. Use the **Git Root** drop-down list, to specify the repository to cancel rebase on.

See Also

Concepts:

- Version Control with IntelliJ IDEA

Procedures:

- Applying a Branch Entirely on Top of Master

- Rebasing a Branch to a Specific Commit
- Interactive Rebase

Reference:

- Version Control Reference
- Rebase Branches Dialog

Web Resources:

- Developer Community