Adding Tags

The Git integration supports tagging a particular commit or object to refer to it in the future. Basically, by adding a tag you create a branch that never moves.

You can also create annotated tags and have annotations displayed to facilitate viewing and navigating through tagged commits.

To assign a tag to a commit

1. On the main menu, choose **VCS | Git | Tag Files**. The Tag dialog box opens.

2. From the **Git Root** drop-down list, select the required local repository.

   > The **Current Branch** read-only field shows the branch you are currently working with in the selected repository. The contents of the read-only field change as you change the selection in the **Git Root** drop-down list.

3. In the **Tag Name** text box, type the name of the new tag.

   > If you specify a name that already exists, IntelliJ IDEA displays an error message. To override the error and re-assign the tag, select the **Force** check box.

4. In the **Commit** text box, specify the commit or object which you want to tag:

   ▪ To tag the latest commit in the branch (HEAD), leave the text box empty.

   ▪ To tag a particular commit, specify 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 commit naming 🔗 conventions for details.

5. To check that the specified commit exists and is the one you actually need, click the **Validate** button. The **Paths affected in commit** dialog box shows the files that were affected in the specified commit. View the information and click **OK**.

   > If you specify a commit that does not exist, IntelliJ IDEA displays an error message.

To create an annotated tag

1. Create a tag.

2. In the **Message** text box, provide a description of the commit.

See Also

Concepts:

▪ Version Control with IntelliJ IDEA

Procedures:

▪ Committing Changes to a Local Git Repository
▪ Pulling Changes from the Upstream (Git Pull)
▪ Pushing Changes to the Upstream (Git Push)
▪ Version Control with IntelliJ IDEA

Reference:

▪ Version Control Reference

- Tag Dialog

Web Resources:

- Developer Community ⧉