Comparing File Versions

VCS-specific integrations enable you to compare your local copy of a file with the versions stored in the repository.IntelliJ IDEA suggests several options:

- Compare your local copy with the repository version, to which you have last synchronized
- If somebody else has committed changes since your last update, compare your local copy with newest version
- Compare your local version with any repository version of a file.

For some VCS, it is possible to compare with a branch version. The differences display in the Differences viewer.

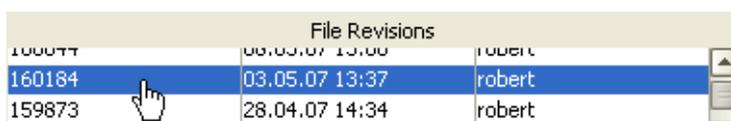**To compare with a repository version, to which you have last synchronized**

1. Select a file in the Project tool window, or open it in the editor.
2. Do one of the following:

   - On the main **VCS** menu, or on the context menu of a file, choose **<VCS> | Compare with the same repository version**.
   - Select a file in the Local tab of the Changes tool window, and choose **Show Diff** on the context menu.

To compare with the latest repository version

1. Select a file, or open it in the editor.
2. On the main **VCS** menu, or on the context menu of a file, choose **<VCS> | Compare with the latest repository version**.

To compare with the specified version of a file

1. Select a file, or open it in the editor.
2. On the main **VCS** menu, or on the context menu of a file, choose **<VCS> | Compare with**.
3. In the File Revision pop-up window, click the version to compare:

Alternatively, use the History view of a file. Select the desired version, and choose **Compare with Local** on its context menu, or click on the toolbar.

You can explore changes to binary files same way, as you do it for textual files. For example, use this feature to watch the changes made to images.

See Also

Procedures:

- Using Change Markers to View and Navigate Through Changes in the Editor

Reference:

- Differences Viewer
- Version Control Reference

Web Resources:

- Developer Community