Handling LF and CRLF Line Endings

Quite often people working in a team and using the same repository or upstream prefer different operating systems. This may result in problems with line endings, because *Unix*, *Linux*, and *OS X* use LF and *Windows* uses CRLF to denote the end of a line. IntelliJ IDEA shows the discrepancies in line endings in the Difference Viewer Dialog, so you can fix them manually.

To have Git solve such problems automatically, you need to set the core.autocrlf attribute to true on Windows and to input on Linux and OS X. For more details on the meaning of the core.autocrlf attribute, see the article Mind the End of Your Line ☒ or Dealing with Line Endings ☒. You can change the configuration manually by running git config --global core.autocrlf true on Windows or git config --global core.autocrlf input on Linux and OS X. However, IntelliJ IDEA can analyze your configuration, warn you if you are about to commit CRLF into the repository, and offer to set the core.autocrlf setting to true or input depending on the operating system used.

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Enabling smart handling of LF and CRLF line separators

To enable smart handling of LF and CRLF line separators

1. Open the Project Settings Dialog.

2. Under the **Version Control** node, click **Git**.

3. On the Git page that opens, select the **Warn if CRLF line separators are about to be committed** checkbox.

Handling the problem with line separators during commit

- Enable smart handling of LF and CRLF line separators. After that, IntelliJ IDEA will show the Line Separators Warning Dialog every time you attempt to commit a file with CRLF separators, unless you have set any related git attributes ☒ on the affected file. In the latter case, IntelliJ IDEA supposes that you clearly understand what you are doing and excludes the file from analysis.

- When the Line Separators Warning Dialog is displayed, do one of the following:

    - To ignore the warning and commit the file with CRLF separators, click the **Commit As Is** button.

    - To have the core.autocrlf attribute set to true or input depending on the operating system used before commit, click the **Fix and Commit** button. As a result, all the CRLF separators will be replaced with LF separators and committed into the repository. Note that the reverse operation will not be performed when you download the files into your working directory, that is, no CRLF will appear in place of LF.

    - To stop the commit procedure, click **Cancel**.

- To suppress showing the dialog box in the future, select the **Don's warn again** check box.

See Also

Procedures:

- Committing Changes to a Local Git Repository
- Pushing Changes to the Upstream (Git Push)
- Handling Differences

Reference:

- Line Separators Warning Dialog
- Git

Web Resources:

- Developer Community ⧉