

# Using ClearCase

IBM Rational ClearCase is a version control, workspace management, parallel development support, and build automation solution developed by IBM. The ClearCase client plugin is available on Linux and Windows for accessing a ClearCase server.

## Using GNU Diffutils with ClearCase

You can use the GNU Diffutils tool With ClearCase to compare files and activities:

1. Download [Diffutils](#) and extract it to a directory in your PATH.
2. Select **Edit > Preferences > Version Control > ClearCase**.
3. Select the **External** radio button. The radio button is disabled if `diff` is not found in the PATH.
4. In the **Arguments** field, specify arguments for running `diff`.

## Checking out and Checking in

In addition to the standard version control system functions described in [Using Common Functions](#), you can check out and check in files.

To create a writable copy of a file, select **Tools > ClearCase > Check Out**. If you check out files in a Unified Change Management (UCM) view, they are added to the change set of a UCM activity. By default, the activities are automatically assigned names. To disable this functionality, select **Edit > Preferences > Version Control > ClearCase**, and then deselect the **Automatically assign activity names** check box.

To automatically check out files when you edit them, select **Edit > Preferences > Version Control > ClearCase**, and then select the **Automatically check out files on edit** check box.

To cancel the checkout for a file and delete the checked-out version, select **Tools > ClearCase > Undo Check Out**.

To check in checked-out versions of files in the change set of the current UCM activity, select **Tools > ClearCase > Check In Activity**.

To create a permanent new version of the current file or all files in the versioned object base (VOB), select **Tools > ClearCase > Check In**. To be asked to confirm that you want to check in the files, select **Edit > Preferences > Version Control > ClearCase**, and then select the **Prompt on check-in** check box.

By default, you are asked to enter a comment when checking files out or in. To suppress this prompt, select **Edit > Preferences > Version Control > ClearCase**, and then select the **Do not prompt for comment during checkout or check-in** check box.

If you change the read-only attribute of a file that is loaded into a snapshot view and modify the file without checking it out, you *break* the file. To revert a broken file to its checked-in version, select **Tools > ClearCase > Undo**.



By default, the files in the VOBs are indexed for quick access to their statuses. To disable indexing, select **Edit > Preferences > Version Control > ClearCase**, and then select the **Disable indexer** check box. To only have some VOBs indexed, specify them in the **Index only VOBs** field.

[< Using Bazaar](#)[Using CVS >](#)

© 2022 The Qt Company Ltd. Documentation contributions included herein are the copyrights of their respective owners. The documentation provided herein is licensed under the terms of the [GNU Free Documentation License version 1.3](#) as published by the Free Software Foundation. Qt and respective logos are trademarks of The Qt Company Ltd in Finland and/or other countries worldwide. All other trademarks are property of their respective owners.

[Contact Us](#)

## Company

- [About Us](#)
- [Investors](#)
- [Newsroom](#)
- [Careers](#)
- [Office Locations](#)

## Licensing

- [Terms & Conditions](#)
- [Open Source](#)
- [FAQ](#)

## Support

- [Support Services](#)
- [Professional Services](#)
- [Partners](#)
- [Training](#)

## For Customers

- [Support Center](#)
- [Downloads](#)
- [Qt Login](#)
- [Contact Us](#)
- [Customer Success](#)

## Community

- [Contribute to Qt](#)
- [Forum](#)
- [Wiki](#)
- [Downloads](#)
- [Marketplace](#)

