

# Version Control

File | Settings | Version Control



In the pages of this node, specify the [common settings](#) for version control activities that are applied to the project files regardless of the version control system used.

The following pages are grouped below this node:

- [Confirmation](#)
- [Background](#)
- [Ignored Files](#)
- [Issue Navigation](#)
- [Changelist Conflicts](#)
- [VCSs](#)

Specify which version control systems will be used for specific directories or the entire project.

| Item  | Description  |
|---|--|
| Directory   | This read-only field shows the path to a directory or the project root.  |
| VCS   | Select a version control system for the specified directory.<br><div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">Shown in the list are only the version control systems for which the corresponding <a href="#">plugins</a> are currently enabled. See <a href="#">Managing Plugins</a>.</div> |
|  | Click this button to open the <a href="#">Version Control Configurations</a> dialog and update the configuration settings for the selected VCS.  |
|  | Click this button to add a directory mapping to the list. The <b>Add VCS Directory Mapping</b> dialog box opens where you can specify the required directory, select a VCS for it, and open the <a href="#">Version Control Configurations</a> dialog box to configure the specified VCS, if necessary.            |
|  | Click this button to edit the selected directory mapping. The <b>Edit VCS Directory Mapping</b> dialog box opens where you can update the selected mapping and configure the specified VCS, if necessary.  |
|  | Click this button to remove the selected directory mapping from the list.  |
| Limit history to  | Select this check box to specify the number of history rows. If this check box is selected, the text box of history depth, and the spin box become enabled.  |
| Show directories with changed descendants   | If this check box is selected, the directories that contain changes, are color-marked.<br><br>The colors are configurable in the <a href="#">Colors and Fonts</a> pages of the Editor settings (File Status - Have immediate changed children, Have changed descendants).  |

| Item   | Description  |
|--|--|
| Store on shelf base revision texts of files under DVCS | <p>Select this check box to have IntelliJ IDEA always shelve the base revisions of files that are under Git or Mercurial version control.</p> <p>By default, IntelliJ IDEA always "remembers" the last <a href="#">commit hash</a>. However, this information is not sufficient if the history has been changed since the last commit as a result of running the <i>Rebase</i> operation. In this case, having a copy of the base revision may help.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>This check box is relevant only for integration with distributed version control systems, such as <a href="#">Git</a> and <a href="#">Mercurial</a>.</p> </div> |
| Show changed in last <number> days                     | <p>Select this check box to have <a href="#">color indication of file status</a> applied during <a href="#">stacktrace analysis</a> and <a href="#">debugging</a>. The names of the files that have been changed within a certain period will be highlighted accordingly.</p> <p>Specify the number of days.</p>   |
| Notify about VCS root errors                           | <p>If this check box is selected, a notification balloon shows up every time a VCS root is detected. In this case, you can either configure your VCS roots properly, or ignore them.</p>   |

## See Also

### Concepts:

- [Version Control with IntelliJ IDEA](#)

### Procedures:

- [Version Control with IntelliJ IDEA](#)
- [Configuring Version Control Options](#)

### Reference:

- [Version Control Reference](#)

### Web Resources:

- [Developer Community](#)