

Commit Changes Dialog

VCS | Commit Changes









VCS | Show Changes View - Local - Context menu of a file or change list - Commit Changes


View | Tool Windows | Changes - Local - Context menu of a file or change list - Commit Changes

Use this dialog box to commit (check in) changes from the selected change list to the repository and optionally to create a patch file.


The contents of the dialog box depend on the version control system used.






Toolbar

Item	Tooltip and Shortcut	Description	Available in
	Show Differences Ctrl+D	Click this button to open the Differences dialog box that points at the inconsistencies between your local working copy of the selected file and the file in the repository.	All VCSs
	Move to Another Changelist F6	Click this button to add the selected file(s) to another changelist. The Choose Changelist dialog box opens where you can select an existing changelist or create a new one.	All VCSs
	Refresh Changes Ctrl+F5	Click this button to reload the Changed files tree view so it is up-to-date.	All VCSs
	Rollback	Click this button to revert all the changes made to the local working copy of the selected file(s).	All VCSs
	Jump to source F4	Click this button to open the source code of the selected file in the editor.	All VCSs
	Revert Unchanged Files	Click this button to revert the files that have not been modified locally.	Subversion Perforce
	Group by Directory Ctrl+P	Click this button to toggle between the flat view and the directory tree view.	All VCSs
	Expand or collapse all nodes Ctrl+NumPad+ or Ctrl+Equals Ctrl+NumPad- or Ctrl+Minus	Click these buttons to expand or collapse all nodes in the directory tree. These buttons are not available in flat view.	All VCSs




Item	Tooltip and Shortcut	Description	Available in
	Select All Ctrl+A	Click this button to select all the files in the list or directory tree.	All VCSs











Controls



Item	Description	Available in
Changed files	This tree view displays the list of changed files. Select check boxes next to the files to be checked in.	All VCSs
Comment	In this text box, describe the changes to be checked in. This comment will be also used as the name of the patch file, if you decide to create a patch. As you type, IntelliJ IDEA checks the spelling and highlights words in question. This functionality is available if the Spelling code inspection is enabled.	
Change list	From this drop-down list, select the change list that contains the modified files to be checked in or included in the patch. By default, the active change list is suggested.	All VCSs
Summary	This section displays summary statistics on the currently selected change list, such as the number of modified, new, and deleted files. The area also shows how many files of each type are shown and how many of them will be committed.	All VCSs
Author	Use this drop-down list to specify the person who created the changes to be checked in. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">This may be necessary when you are checking in changes made by another person.</div>	Git
Amend Commit	Select this check box to replace a previous commit  with the current changes.	Git
Keep files locked	Select this check box to keep the files locked after they are checked in.	Subversion

Item	Description	Available in
Jobs	<div data-bbox="419 219 1214 322" style="border: 1px solid orange; padding: 5px;"> <p>The following is available only in the Ultimate edition of IntelliJ IDEA</p> </div> <p>This area is available only if you select the Enable Performce Jobs Support check box on the Performce page of the Settings dialog box.</p> <p>Use the controls in this area to search for Performce jobs, link jobs to the selected changelist, and detach currently linked jobs.</p> <ul style="list-style-type: none"> ■ Unlink selected jobs button  - click this button to detach the selected job from the changelist. ■ Edit associated jobs button  - click this button to open the Edit Jobs Linked to Changelist dialog box where you can search for available jobs, view their details, and link the desired job to the changelist. ■ Find and link job matching the pattern button  - click this button to start quick search for the job that matches the pattern specified in the text box and attach the job to the changelist. In the text box, specify the exact name of the desired job or a search pattern according to the Performce jobs syntax rules . <div data-bbox="419 1099 1214 1335" style="border: 1px solid gray; padding: 5px;"> <p>If only one job matching the pattern is found, it is attached to the changelist automatically. Otherwise, to select a job among several available jobs, click the  button and find the desired job using the Edit Jobs Linked to Changelist dialog box.</p> </div> <div data-bbox="419 1357 1214 1485" style="border: 1px solid gray; padding: 5px;"> <p>The list box in the bottom of the area displays the jobs that are currently attached to the changelist.</p> </div>	Performce

Item	Description	Available in
Before Submit/ Before Commit	<p>Use this area to define which additional activities you want IntelliJ IDEA to perform before checking in the selected files. The available options are:</p> <ul style="list-style-type: none"> ■ Optimize imports: select this check box to have redundant import statements removed. ■ Reformat code: select this check box to perform code formatting according to the Project Code Style settings. ■ Rearrange code: select this check box to rearrange your code according to the arrangement rules preferences. ■ Perform code analysis for affected files: select this check box to run code inspection on the files to be committed. ■ Check TODO (<filter name>): select this check box to review the encountered TODO items matching the specified filter. Click the Configure link to choose an existing TODO filter or open the TODO page of the Settings dialog box and define a new filter to be applied. ■ Revert unchanged: select this check box to revert unchanged files. <div style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <p>This option is only available for Perforce.</p> </div> <ul style="list-style-type: none"> ■ Update copyright: select this check box to add or update a copyright notice, according to the selected copyright profile - scope combination. 	CVS Git, Subversion, Perforce

Item	Description	Available in
After Submit/ After Commit	<p>Use this area to define which additional activities you want IntelliJ IDEA to perform after checking in the selected files. The available options are:</p> <ul style="list-style-type: none"> ■ Run tool: in this drop-down box, appoint the external tool to launch after the selected changes are checked in. Choose the one of the available third-party tools or click the Browse button  and configure integration with the required tool in the External Tools dialog box that opens. ■ Upload files to: in this drop-down list, specify the server access configuration to use for uploading the committed files to a local or remote host, a mounted disk, or a directory. To suppress uploading, choose None. ■ Always use selected server: select this check box to have IntelliJ IDEA by default upload files according to the server access configuration specified in the Upload files to: drop-down list. <div data-bbox="464 824 1216 987" style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <p>The drop-down list and the check box are only available if the Remote Hosts Access plugin is enabled.</p> </div> ■ Tag committed files: select this check box to have a tag assigned to the checked in files. In the text box, type the name of the tag. To have a previously assigned tag replaced with the new one, select the Override existing tags check box. <div data-bbox="464 1196 1216 1294" style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <p>This option is only available for CVS.</p> </div> ■ Auto-update after commit: select this check box to have your project automatically updated after the commit is completed. Enabling this option will help to prevent your working copy against mixed-revision state . <p>The mixed-revision state of a working copy may affect the Move and Rename refactoring applied to folders so items in revisions different from the moved subtree root will be tracked separately, which can be confusing.</p> <p>When the Auto-update after commit is enabled:</p> <ul style="list-style-type: none"> ■ Merge will fail with an error if the merge target is a mixed-revision working copy. ■ Your own changes  will never cause a 409 conflict. <div data-bbox="464 1832 1216 1930" style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <p>This option is only available for Subversion integration.</p> </div> 	All VCSs

Item	Description	Available in												
Details	<p>The pane is by default hidden, to unfold it click the arrow icon next to the pane title. In this pane, explore the differences between the base repository version of the file selected in the Changed Files list and the version to be checked in.</p> <p>The pane consists of two areas:</p> <ul style="list-style-type: none"> ■ The affected code as it was in the base revision. ■ The affected code as it is after the change is introduced. <p>The pane can be split horizontally or vertically.</p> <p>In each area, IntelliJ IDEA numbers both changes and the lines involved in them.</p> <p>To close the pane, click the Change Details button  once more.</p> <table border="1" data-bbox="419 801 1217 1462"> <thead> <tr> <th data-bbox="419 801 518 907">Item</th> <th data-bbox="518 801 727 907">Tooltip and Shortcut</th> <th data-bbox="727 801 1217 907">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="419 907 518 1115"></td> <td data-bbox="518 907 727 1115">More/Less Lines</td> <td data-bbox="727 907 1217 1115">Click this button to open a slider and specify the number of lines to be shown above and below the updated code fragment at the caret.</td> </tr> <tr> <td data-bbox="419 1115 518 1256"></td> <td data-bbox="518 1115 727 1256">Next/previous change</td> <td data-bbox="727 1115 1217 1256">Click this button to move to the next/previous updated piece of code.</td> </tr> <tr> <td data-bbox="419 1256 518 1462"></td> <td data-bbox="518 1256 727 1462">Jump to Source</td> <td data-bbox="727 1256 1217 1462">Click this button to open selected file in the editor, with the line in the Change Details pane, where the caret currently rests, having the focus in the editor.</td> </tr> </tbody> </table>	Item	Tooltip and Shortcut	Description		More/Less Lines	Click this button to open a slider and specify the number of lines to be shown above and below the updated code fragment at the caret.		Next/previous change	Click this button to move to the next/previous updated piece of code.		Jump to Source	Click this button to open selected file in the editor, with the line in the Change Details pane, where the caret currently rests, having the focus in the editor.	All VCSs
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Item	Item	Tooltip and Shortcut	Description	Available in
		Settings	Click this button to show the list of options that define the appearance of the pane:	
Submit/Commit		Submit/Commit	<p>Click this button with dropdown to do one of the following:</p> <ul style="list-style-type: none"> ■ Submit/Commit: select this option to check in the changes to your version control. ■ Commit and Push: select this option to have the changes pushed to the remote repository immediately after commit. <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p>This operation is available when you are using Git or Mercurial integration.</p> <ul style="list-style-type: none"> ■ Top/Bottom: Select this option to have the pane split horizontally, so the base revision is shown in the upper part and the locally updated version is shown in the bottom part of the pane. ■ Left/Right: Select this option to have the pane split vertically, so the base revision is shown in the left-hand part and the locally updated version is shown in the right-hand part of the pane. </div> <ul style="list-style-type: none"> ■ Create Patch: select this option to have IDEA generate a patch based on the changes to be checked in. In the Create Patch dialog that opens, type the name of the patch file and specify where you want the reverse patch. ■ Remote Run: select this option to run your personal build ☞. <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p>This operation is available when you are logged in to TeamCity. Refer to TeamCity plugin documentation for details.</p> </div>	All VCSs

See Also

Concepts:

- [Patches](#)
- [Version Control with IntelliJ IDEA](#)

Procedures:

- [Checking in Files](#)
- [Creating Patches](#)
- [Version Control with IntelliJ IDEA](#)
- [Deployment](#)

External Links:

- <http://www.perforce.com/perforce/doc.081/manuals/cmdref/jobs.html#1040665> [☞](#)

Web Resources:

- [Developer Community](#) [☞](#)

