

Adding Commit Status Publisher to your build configuration

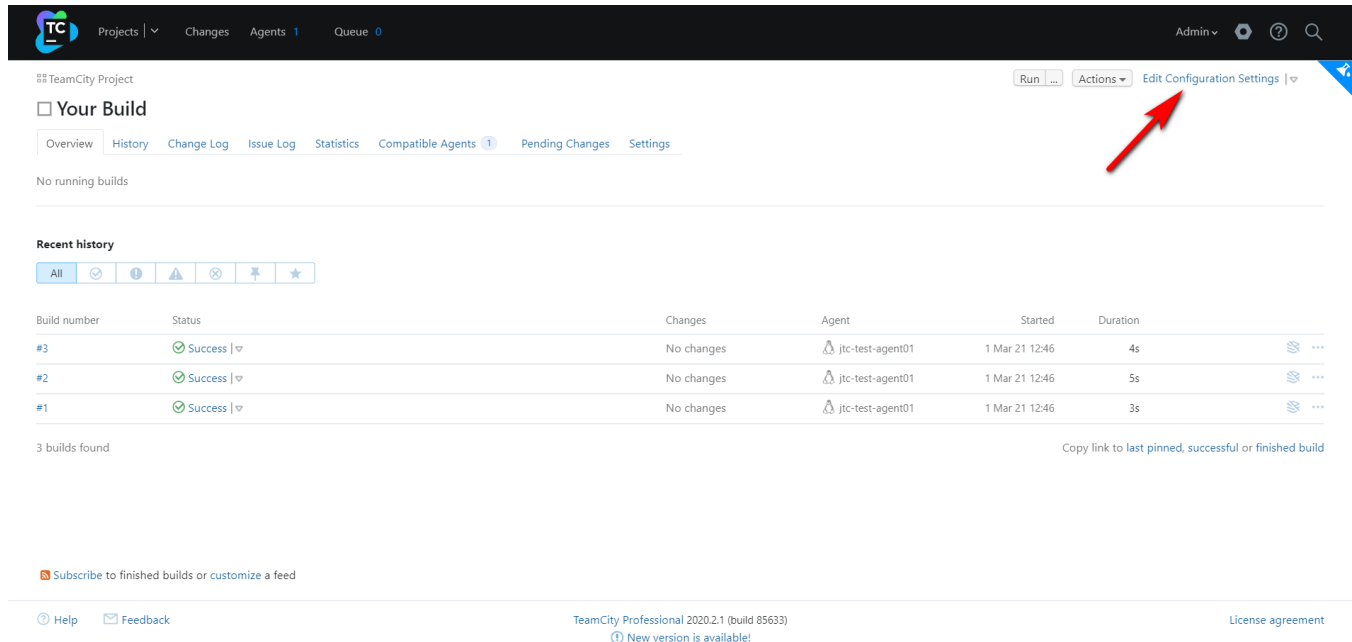
Commit Status Publisher is an [open-source plugin](#) that comes bundled with TeamCity (since version 10.0) and allows it to automatically send build statuses of the commits to an external system.

Using it, you can extend the functionality of the integration, so here is a step-by-step guide on how to add it to your build configuration

- [Adding build features](#)
- [Commit Status Publisher set up](#)

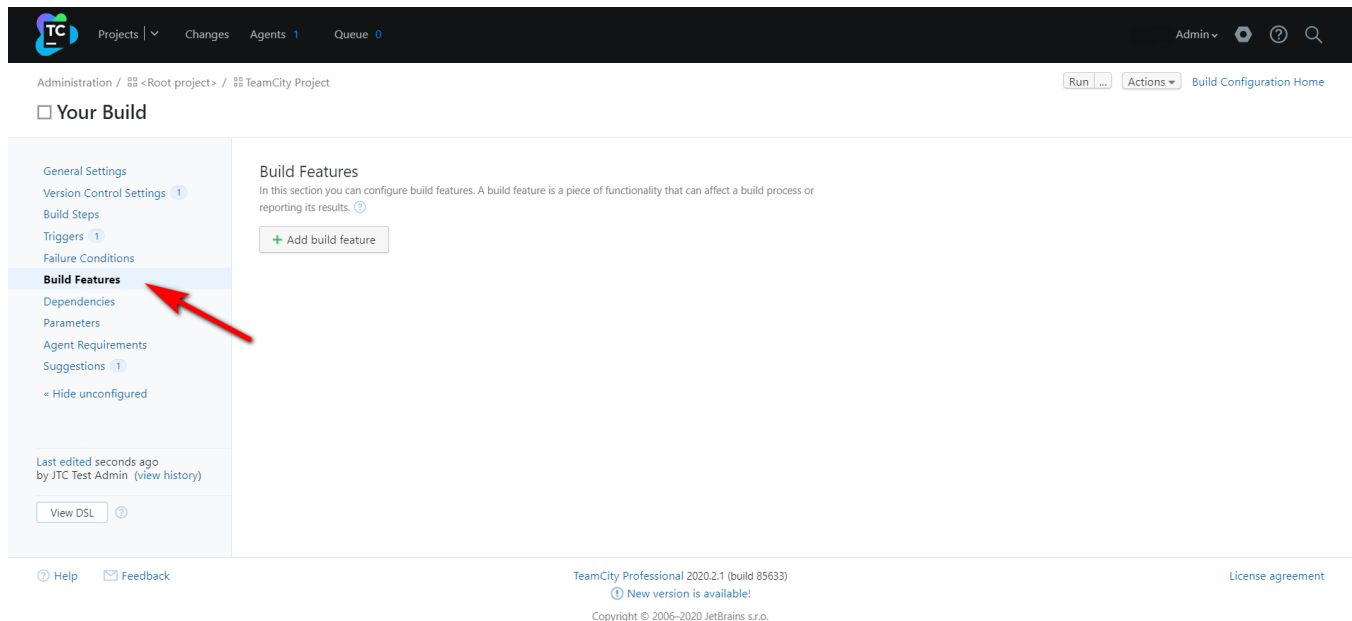
Adding build features

First, you need to edit your build's configuration settings. Go to the build's page and click **Edit Configuration Settings** in the top right corner.



The screenshot shows the TeamCity interface for a specific build. At the top, there's a navigation bar with 'Projects', 'Changes', 'Agents', and 'Queue'. Below this, the 'Your Build' section is active, showing tabs for 'Overview', 'History', 'Change Log', 'Issue Log', 'Statistics', 'Compatible Agents', 'Pending Changes', and 'Settings'. A red arrow points to the 'Edit Configuration Settings' link in the top right corner. Below the tabs, there's a table of recent builds with columns for Build number, Status, Changes, Agent, Started, and Duration. The table shows three builds, all with a 'Success' status.

There choose the **Build Features** tab, where you'll be able to add Commit Status Publisher as a new build feature.



The screenshot shows the 'Build Features' configuration page in TeamCity. The left sidebar contains a list of configuration tabs: 'General Settings', 'Version Control Settings', 'Build Steps', 'Triggers', 'Failure Conditions', 'Build Features' (highlighted with a red arrow), 'Dependencies', 'Parameters', 'Agent Requirements', 'Suggestions', and '« Hide unconfigured'. The main content area is titled 'Build Features' and contains a description: 'In this section you can configure build features. A build feature is a piece of functionality that can affect a build process or reporting its results.' Below this, there's a '+ Add build feature' button. At the bottom, there's a 'View DSL' button.

Commit Status Publisher set up

The screenshot shows the TeamCity configuration page for a project. The 'Add Build Feature' dialog box is open, allowing the user to configure a commit status publisher. The dialog includes the following fields and options:

- Commit status publisher:** A dropdown menu with a help icon.
- VCS Root:** A dropdown menu set to '<All attached VCS Roots>'. Below it, a note states: 'Choose a repository to use for publishing a build status. Choose <All attached VCS roots> option if you want Commit Status Publisher to attempt publishing statuses for commits in all attached VCS roots.'
- Publisher:** A dropdown menu set to 'Bitbucket Server (Atlassian Stash)'.
- Bitbucket Server Base URL:** A text field containing 'http[s]://<hostname>:<port>'. A note below it says: 'Base URL field in Bitbucket Server settings'.
- Username:** A text field containing 'username'.
- Password:** A password field containing '*****'.

At the bottom of the dialog are buttons for 'Save', 'Test connection', 'Cancel', and 'View DSL'.

The background shows the TeamCity configuration page with a sidebar on the left containing links like 'General Settings', 'Version Control Settings', 'Build Steps', 'Triggers', 'Failure Conditions', 'Build Features', 'Dependencies', 'Parameters', 'Agent Requirements', and 'Suggestions'. The main content area is titled 'Your Build' and 'Build Features'.

By default, **VCS Root** is set to **All attached VCS Roots** to publish statuses for commits in all VCS roots, but you can set it to post build statuses for a single repository.

Choose **Bitbucket Server (Atlassian Stash)** as a publisher, set the **Server Base URL**, and enter your credentials. Then just test the connection, click on **Save**, and you are all done!