TeamCity Build Runner

On this page:

> (i) This feature is available for **Jira Server** only.

Starting from version 2.2.0, TeamCity Integration for Jira app allows you to manage the TeamCity Build Runner custom field. It allows you to remotely run builds on TeamCity server from Jira.

Before proceeding to configuration of this custom field, please refer to the documentation about management of custom fields in Jira.

Adding a Custom Field

1. Navigate to **Administration > Issues > Fields > Custom Fields**.
2. Click **Add Custom Field**.
3. In the **Select a Field Type** form, switch to view all custom fields and enter 'TeamCity' into the search field.

4. Select **TeamCity Build Runner** field.
5. Click **Next**.
6. Specify the field name and its description.
7. Click **Create**.
8. Select the screens where you want to display this field.
9. Save the configuration.

Configuring the Custom Field

1. Locate the newly added custom field and click the cogwheel button.

TeamCity Build Runner	TeamCity Build Ru...	Global (all projects)	2 screens	⚙ ⌄	
Time to approve normal change LOCKED This custom field was created by Jira Service Desk.	SLA CustomField ...	Global (all projects)	0 scre	Configure	
Time to close after resolution LOCKED This custom field was created by Jira Service Desk.	SLA CustomField ...	Global (all projects)	0 scre	Edit Translate	
Time to first response LOCKED This custom field was created by Jira Service Desk.	SLA CustomField ...	Global (all projects)	0 scre	Screens	
Time to resolution LOCKED This custom field was created by Jira Service Desk.	SLA CustomField ...	Global (all projects)	0 screens	Delete	⚙ ⌄
Urgency	Select List (single ...	Global (all projects)	7 screens	⚙ ⌄	
Workaround Describe the workaround for the problem	Text Field (multi-li...	Global (all projects)	2 screens	⚙ ⌄	

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2. Click **Configure**.
3. On the opened page, click **Edit Default Value**.

Configure Custom Field: TeamCity Build Runner ⑦

Below are the Custom Field Configuration schemes for this custom field. Schemes are applicable for various issues types in a particular context. You can configure a custom field differently for each project context or in a global context. Moreover, project level schemes will over-ride global ones.

- Add new context
- View Custom Fields

⚙ 🗑

Default Configuration Scheme for TeamCity Build Runner

Default configuration scheme generated by Jira

Applicable contexts for scheme: Edit Configuration

Issue type(s):
Global (all issues)

Default value: Edit Default value

4. Select the appropriate TeamCity server, project, build configuration and branch. You can also add an optional comment and define the build parameters.

Set Custom Field Defaults ⑦

Set the default value for custom field: TeamCity Build Runner

TeamCity*	TeamCity StiltSoft
Project*	Smart Attachments for Confluence
Build Configuration*	Master
Branch	dev
Comment	Triggered from Jira
	Add a comment to the build
	☑ Allow users to view and edit the comment
Properties	teamcity.agent.name=Windows2012R2;issue_key=$JIRA_KEY
	Define the build parameters. Learn more
	☑ Allow users to view and edit properties

Set Default   Cancel

5. Optionally, you can allow users to view and edit the comment appended to the build. You can also allow users to view and edit properties which the build is triggered with.
6. Click **Set Default**.

Once you have configured and added the custom field, you can remotely run builds in TeamCity from Jira.

ⓘ Users will be able to change the default branch configured for the field once they decide to run a build in an issue.

Adding Build Parameters into Custom Field Configuration

You can add one or multiple build parameters into configuration of the custom field.

For example, if you want to add one parameter with the value so you have to specify the following:

```
teamcity.agent.name=teamcity_agent_name
```

If you want to add multiple parameters, use the ';' (semicolon) as a separator for multiple parameters, as follows:

```
teamcity.agent.name=Windows2012R2;issue_key=$JIRA_KEY
```

If you want to run a chain of linked builds within the same branch but from a different build configuration, use the following parameter in the property set:

```
reverse.dep.*.teamcity.branch.name=$BRANCH_NAME
```

If you want to pass the issue key to TeamCity for mapping the build to the specific issue, add the following property:

```
issue_key=$JIRA_KEY
```

ⓘ   For the list of accepted build parameters, see TeamCity documentation.

ⓘ   The teamcity.build.branch parameter (if used not for a chain of linked builds) is deprecated since TeamCity Integration for Jira 2.7.0 and will be ignored.