YouTrack Plugin

Plugin Information
View youtrack-plugin on the plugin site for more information.

Older versions of this plugin may not be safe to use. Please review the following warnings before using an older version:

- Arbitrary code execution vulnerability

This plugin provides some integration with YouTrack. This version (0.7.x) has backwards incompatible updates - so review your configurations

Generel

The development of this plugin is in no way affiliated with JetBrains, the creators of YouTrack.

This plugin adds integration in the following ways:

- Link to issues, with dynamic tooltip
- Execute commands from build steps
- Update build bundle
- Mark issues fixes as fixed in build

Configuration

Global configuration

To use this plugin the YouTrack site to integrate with most be specified on the global configuration page. Where you will nedd to specify a url, username and password. The permissions needed for this user depends on what kind of integrations you turn on, e.g. if you want to run commands as the committer, then the user needs to have the Low-level Administration permission. These sites are referenced from the jobs by the url, so you will have to refresh the job configuration if you change the url.

Project configuration

When you have set up your site(s) in the global configuration you can enable the integration on the job configuration page. You select the site you want to integrate with and which integration options you want.

Annotate changelog

This option will annotate the changelog with links from issue ids to YouTrack. The way it is determined if something is an issue id, is that on each build the plugin will fetch the project codes available from youtrack, and then expect all project code-number to be an issue id, e.g. PC-23. It will also display a tooltip with the title and description of the issue. This info is first loaded when the tooltip will be displayed.

Update with link

This will add a comment with a link to this build into the issues mentioned in the commit comment(s).

Execute commands

This will execute commands in YouTrack, if they are on the form #issue-id Fixed, e.g #PC-23 Fixed. The command will be interpreted from the issue id and to the end of the line. The line following will be used as a comment.

Run as

By default it runs the commands as the user set up for the site in the global configuration, if this box is checked however, it will run as the user committed. The way users is matched is on the e-mail set by the Jenkins Person who committed the change.

Update builds and Fixed in Build

To update the Build Bundle with the value for the current build, you need to add the YouTrack Builder Updater Post-Build action. In this you can set the build bundle you want to update, and optionally a name to be appended afterwards.

This post build action also marks issues as Fixed in build, if a command executed on them marks sets them to be Fixed, determined by checking state before and after applying the command.

Post-byg Handlinger

　　YouTrack Build Updater

Name appended to build number

Bundle name to update

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History

Version 0.5 (2014 May 04)

- feature: post build step to create issue
- feature: store processed commit ids to prevent applying a command multiple times
- feature: link failed tests with issues.
- feature: limit commands to certain projects
- usability: only add command action to builds if there is commands applied
- usability: tooltip markup to html
- usability: tooltip handles images in issues
- bugfix: encode related build comment
- bugfix: tooltip when multiple issue links in same commit message
- bugfix: multiline commit messages in git

Version 0.4 (2013 August 08)

- feature: command log
- usability: updated help

Version 0.3 (2013 June 02)

- usability: test connection and YouTrack version on setup
- usability: autocomplete on fields
- usability: name for each setup
- feature: possibility to run integrate silently (i.e. no notifications)
- feature: expands variables in build name prefix

Version 0.2 (2013 May 12)

- feature: option to only update build bundle when there is fixed issues in build
- feature: option to specify visibility groups for build link comments
- feature: customizable state field and fixed values
- bugfix: only run comands once for multi-configuration projects
- bugfix: fixed in build without run as enabled was not working

Version 0.1 (2013 Apr. 24)

- Initial release