



YouTRACK

Integrating YouTrack with TestLink



Compatibility

Integration between YouTrack and TestLink is supported for TestLink 1.8 and higher, and YouTrack 2.0 and higher.

Configuring Integration Between TestLink and YouTrack

To integrate YouTrack with TestLink:

1. Download YouTrack-TestLink_Integration_1.0.zip, which contains two PHP-scripts:
 - youtrack.cfg.php — configuration file for YouTrack custom parameters
 - int_yourtrack.php — main file implementing integration between YouTrack and TestLink
2. Un-zip downloaded archive and copy files to proper directories:
 - copy youtrack.cfg.php to <TestLink Home Dir>/cfg directory
 - copy int_yourtrack.php to <TestLink Home Dir>/lib/bugtracking directory
3. in the <TestLink Home Dir>/lib/bugtracking/int_bugtracking.php file add YOUTRACK to the \$btslist parameter values.

before:

```
// Add new bugtracking interfaces here  
  
// If user configures an interface not declared here, nothing happens => no error  
$btslist = array('BUGZILLA','MANTIS','JIRA', 'JIRASOAP', 'TRACKPLUS',  
                 'EVENTUM','TRAC','SEAPINE','REDMINE','GFORGE','FOGBUGZ');
```

after:

```
// Add new bugtracking interfaces here  
  
// If user configures an interface not declared here, nothing happens => no error  
$btslist = array('BUGZILLA','MANTIS','JIRA', 'JIRASOAP', 'TRACKPLUS',  
                 'EVENTUM','TRAC','SEAPINE','REDMINE','GFORGE','FOGBUGZ', 'YOUTRACK');
```

4. Enable php_curl.dll support in php.ini
(refer to <http://www.php.net/manual/en/curl.requirements.php> for more info).
To do so, uncomment the respective string:

before:

```
;extension=php_curl.dll
```

after:

```
extension=php_curl.dll
```

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5. In TestLink, configure YouTrack interface. To do so, edit file <TestLink Home Dir>/cfg/youtrack.cfg.php:
 - Specify credentials to access YouTrack server. We recommend creating special user account in YouTrack for integration purposes, with the necessary permissions to read issues so they can be displayed on the execute test screen (see the [Using Integration Between TestLink and YouTrack](#) section below). You can also use guest user credentials, if it's enabled in your YouTrack instance.
 - Specify baseURL of the YouTrack server.

```
/** The Username for login in YouTrack */
define('YOUTRACK_USERNAME', "<username>");

/** The Password for login in YouTrack */
define('YOUTRACK_PASSWORD', "<password>");

/** URL to your YouTrack service */
define('YOUTRACK_URL', "<The baseURL of your YouTrack server>");
```

6. In TestLink, enable BTS integration: in the custom_config.inc.php file add the following line:

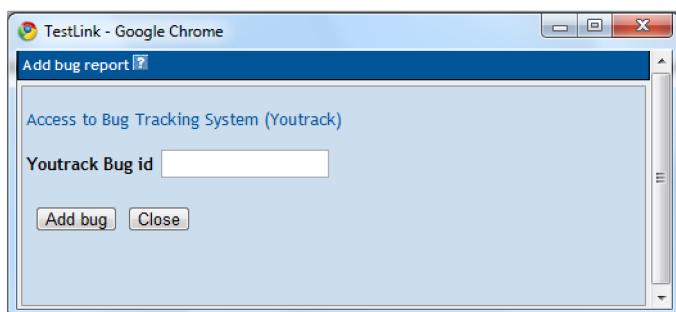
```
$g_interface_bugs='YOUTRACK';
```

Using Integration Between TestLink and YouTrack

When the integration is successfully configured, log in to TestLink and execute one of test cases. When the test case has been executed, access to bug management system (in our case to YouTrack instance) will be available:



After clicking on icon, the following window will be opened:



Integrating YouTrack with TestLink

If you already have an issue number, you can use it, otherwise you click on the link to access YouTrack, opening a new window. For the first time, you will be redirected to the Dashboard, prompting to log in with your own credentials in order to be able to create a new issue:

The screenshot shows the YouTrack interface with a prominent red error message at the top: "Insufficient permissions for creating a new issue. Please log in first". Below the message, there's a navigation bar with "New Issue", "Issues", "Dashboard", and "Administration". A dropdown menu shows "All Projects". On the right, there are links for "Welcome, guest Log in or Sign up" and "Help". Below the navigation, there are tabs for "Searches", "Reports", and "Hints". Under "Saved Searches (3)", there are three items: "Assigned to me" (0), "Commented by me" (0), and "Reported by me" (0). At the bottom, there's a footer with "JetBrains Bug & Issue Tracker YouTrack 2.0 (build #737 [30-Apr-2010 15:39]) | Help | Feedback | Powered by MPS | Created in [13 ms]".

If you are already logged in to YouTrack, you will be redirected to the **New Issue** form immediately:

The screenshot shows the YouTrack "New Issue" form. At the top, there are buttons for "Resolve", "Assign", "Tag...", "Link", "Attach", "Comment...", and "Command...". Below that, there are fields for "Project" (set to "Documentation"), "Summary", and "Description". To the right of the summary field, there's a note: "You can use wiki markup in description". There's also a "Create Issue" bookmarklet button. Further down, there's a "Visible to Group" dropdown set to "All Users". At the bottom, there are buttons for "Submit", "Close", and "Clear". A preview pane on the right shows a document titled "DOC-??". At the very bottom, there's a footer with "JetBrains Bug & Issue Tracker YouTrack 2.0 (build #737 [30-Apr-2010 15:39]) | Help | Feedback | Powered by MPS | Created in [210] Issues | Comments | JetBrains Bug".

After having created the issue, you return to TestLink window to add the issue id.
Click **Add bug** after specifying issue id:

The screenshot shows a modal dialog titled "Add bug report". It has a sub-header "Access to Bug Tracking System (Youtrack)". Inside, there's a text input field labeled "Youtrack Bug id" containing "doc-19". At the bottom, there are two buttons: "Add bug" and "Close".

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Clicking on **Close**, you return to execute screen, with the link to specified issue displayed:

Last execution (any build) - Build : 2.0.0.2

Date : 29/06/2010 14:28:37 - Tested by : i.kate - Build : 2.0.0.2 - Status : Failed

Last execution (current build) - Build : 2.0.0.2

Date	Build	Tested by	Status	Test Case Version	attachments	BUG management	Run mode									
29/06/2010 14:28:37	2.0.0.2	i.kate	Failed	1												
Build																
Relevant bugs																
<table border="1"> <tr> <td>2.0.0.2</td> <td>doc-15 (Verified) : Comment Draft</td> <td></td> </tr> <tr> <td>2.0.0.2</td> <td>doc-19 (Submitted) : Document TestLink Integration</td> <td></td> </tr> <tr> <td>2.0.0.2</td> <td>doc-3 (Duplicate) : Document bookmarklet</td> <td></td> </tr> </table>								2.0.0.2	doc-15 (Verified) : Comment Draft		2.0.0.2	doc-19 (Submitted) : Document TestLink Integration		2.0.0.2	doc-3 (Duplicate) : Document bookmarklet	
2.0.0.2	doc-15 (Verified) : Comment Draft															
2.0.0.2	doc-19 (Submitted) : Document TestLink Integration															
2.0.0.2	doc-3 (Duplicate) : Document bookmarklet															

The link also shows the current state of the issue.

Clicking on link, you will get to the appropriate issue:

YouTRACK

New Issue | Issues | Dashboard | Administration

Welcome, Ekaterina Ivanova | Help ▾

All Projects ▾ Search ▾

◀ Back to Search

Priority: Normal

Type: Bug

State: Submitted

Assignee: Unassigned

Subsystem: No subsystem

Affected versions: No affected versions

Fix for: No fix versions

Revision: Undefined

OS: Not Specified

Submitted by: Ekaterina Ivanova 24 minutes ago (14:30)

DOC-19 Document TestLink Integration

Visible to: All Users

Create the document describing the integration between YouTrack and TestLin

Comments (0) History Linked Issues (0) TC TeamCity Changes (0)

Add Comment You can use wiki markup in description

Comment preview Visible to: All Users Add Comment

Watchers (0) ▾

Voters (0) ▾

JetBrains Bug & Issue Tracker YouTrack 2.0 (build #737 [30-Apr-2010 15:39]) | Help | Feedback | Powered by MPS | Created in [27 ms]