



## 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_youtrack.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_youtrack.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
```

## Integrating YouTrack with TestLink

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:

Test Case ID TST-4 :: Version : 1  
Admin user login -successful  
No tester assigned

Last execution (any build) - Build : 2.0.0.1

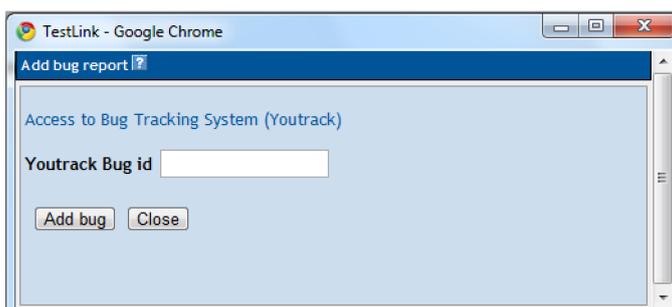
Date : 28/06/2010 16:53:09 - Tested by : i.kate - Build : 2.0.0.1 - Status : Failed

Last execution (current build) - Build : 2.0.0.1

Date	Build	Tested by	Status	Test Case Version	attachments	BUG management	Run mode
28/06/2010 16:53:09	2.0.0.1	i.kate	Failed	1			

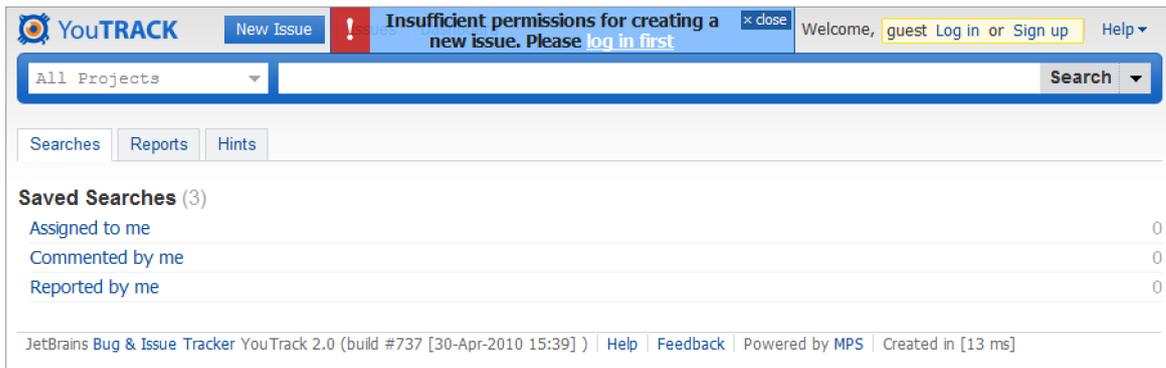
Bug management

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

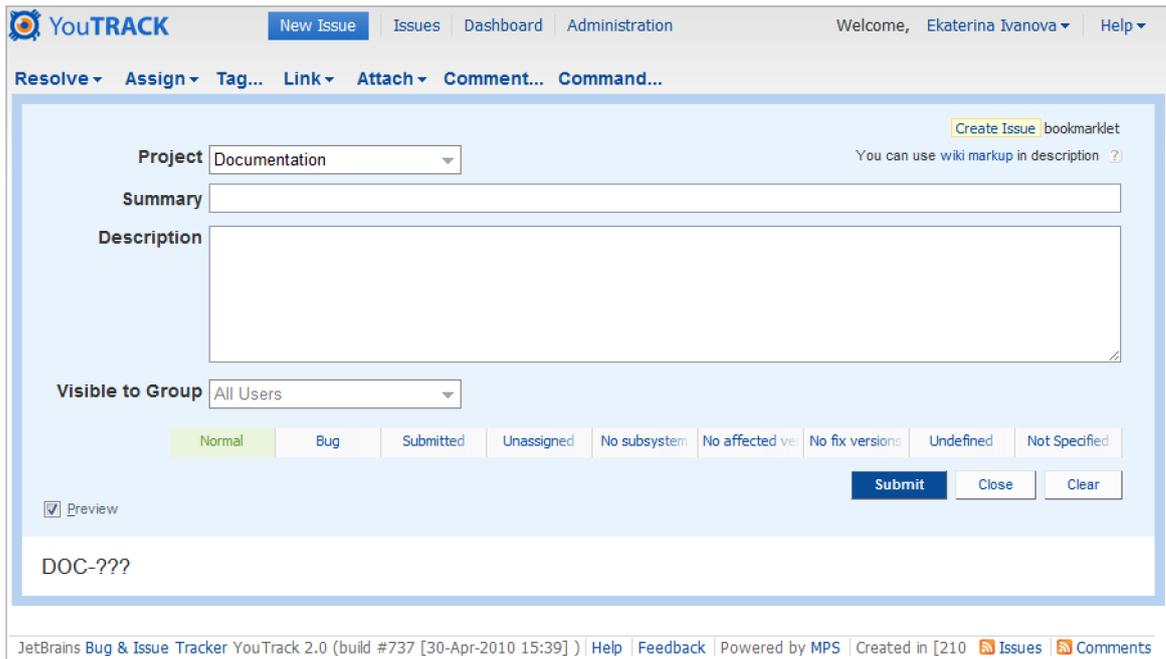


## Integrating YouTrack with TestLink

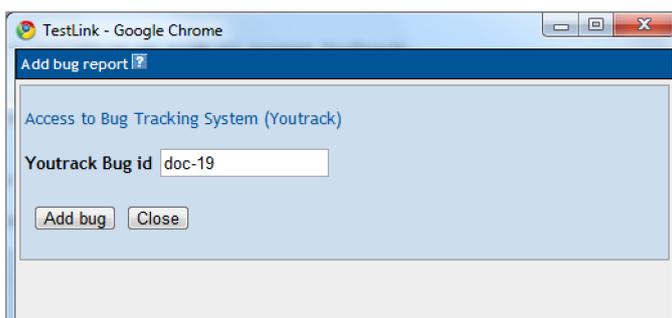
If you already have an issue number, you can use it, otherwise you click on the link to access YouTrack, opening a new window. For the first time, you will be redirected to the Dashboard, prompting to log in with your own credentials in order to be able to create a new issue:



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



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



## Integrating YouTrack with TestLink

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
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

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

Resolve Assign Tag... Link Attach Comment... Command..
Edit Delete

### 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)
 TeamCity Changes (0)

Add Comment You can use wiki markup in description

Comment preview
 Visible to: All Users
Add Comment

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

**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]
 Issue Comments