

TARGETPROCESS TESTTRACKPRO INTEGRATION GUIDE



v.2.9

TestTrackPro Integration Guide

This document describes TestTrackPro plugin configuration.

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TestTrackPro Integration Overview

TestTrackPro Integration provides the following functionality:

- Import bugs from TestTrackPro into TargetProcess.
- Synchronize bugs in TestTrackPro and TargetProcess (if bug updated in TestTrackPro the update will be reflected in TargetProcess).

Configure TargetProcess TestTrackPro Integration Plugin

TestTrackPro plugin has quite many options and it is very flexible. It may take some time to configure it correctly, but it should definitely fit your specific needs.

First of all you should navigate to **Admin** -> **Plugins** and click *Add Profile* for TestTrackPro Integration plugin. The profile form will appear. You should specify Profile Name. It is recommended to use project name in profile name, since each profile relates to exactly one project.

Step 1. Connection

You should specify several parameters to enable TestTrackPro connection:

- TestTrackPro Url: just an URL to TestTrackPro server.

- TestTrackPro login and password: login and password of any valid TestTrackPro user that have permissions to required bugs.
- Sync Interval: parameters that specifies how often TargetProcess will run synchronization job.

Home > Plugins > Add/Edit Profile

Profile Name

TestTrackPro Connection

Test Track Pro Url
 Ex: http://tp.mysite.com

Sync Interval
 Specify sync interval in minutes (short intervals may reduce system performance)

TestTrackPro Authentication

Test Track Pro Login

Test Track Pro Password

Then it is required to specify project relation. TestTrackPro has projects as well as TargetProcess.

Project Mapping

Project ID
 Specify the project you want to synchronize with TestTrackPro. Bugs from TestTrackPro will be added to this project.

Project Name
 Specify TestTrackPro Project Name(Ex. Sample Project)

After that save profile settings (find *Save & Exit* button at the bottom of the screen). Push *Check connection* button to ensure that TargetProcess can connect to TestTrackPro server.

Project **select...**

Add ▾ Admin

General Settings Roles Processes Priority/Severity Companies License Plugins Log

Home > Plugins Successfully connected. TestTrackPro Integration Settings; ProjectID=6; Url=http://ovs/scripts; TTP Project Name='TP Integration'

Show Info

Plugins

Bug Tracking

+	Bugzilla Integration	Add Profile
-	TestTrackPro Integration	Add Profile

Step 2. States Mapping

States mapping is quite complex thing. The reason is that TestTrackPro has three concepts: **Workflow Events**, **Statuses** and **Relations**, while TargetProcess has only **States**. In States mapping you should specify relations between **TargetProcess states** and **TestTrackPro statuses**. You may have different workflows in TestTrackPro and TargetProcess, but it is highly recommended to configure bug workflow in TargetProcess exactly the same as in TestTrackPro. In this case you may skip States Mapping step.

By default defects in TestTrackPro have the following statuses:

- Open
- Open (Verify Failed)
- Open (Re-Opened)
- Fixed
- Needs Customer Verification
- Released to Testing
- Released to Customer Testing
- Closed
- Closed (Fixed)
- Closed (Verified)
- Closed (Customer Verified)

If you want to have different workflows in TargetProcess and TestTrackPro you should provide mapping. If we take default workflow in TargetProcess: Open -> Fixed -> Closed, it can be mapped like that:

States Mapping

Entity States

Specify TestTrackPro-to-TargetProcess states. Use names of states (Ex: [UNCONFIRMED] -> [Open]). If you do not specify this mapping, TargetProcess will try to resolve it automatically. You may just set correct workflow in TargetProcess for Bug entity. This mapping will be used for TargetProcess-to-TestTrackPro states synchronization as well.

Test Track Pro	Target Process	
open	Open	Edit Del
closed (fixed)	Closed	Edit Del
closed	Closed	Edit Del
closed (customer verified)	Closed	Edit Del
released to customer testing	Fixed	Edit Del
needs customer verification	Fixed	Edit Del
closed (verified)	Closed	Edit Del
released to testing	Fixed	Edit Del
open (verify failed)	Open	Edit Del
fixed	Fixed	Edit Del
open (re-opened)	Open	Edit Del

Test Track Pro → Target Process

IMPORTANT: Do not forget to push Save & Exit button after adding states mapping, otherwise it will not be saved!

Step 3. Priorities and Severities Mapping

It is recommended to configure priorities and severities in TargetProcess exactly the same as in TestTrackPro. You may do the configuration in [Admin](#) -> [Priority/Severity](#) section. TestTrackPro has the following values for severities and priorities.

Priority Definitions

Priority	Definition
Immediate	Must be fixed ASAP
Before Alpha	
Before Beta	
Before Final	
Future Release	Do not fix in current release

Severity Definitions

Severity	Definition
No Workaround	No workaround exists, important defect
Workaround	Workaround exists

If you set these values for bug in TargetProcess, plugin will map them automatically. If you want to have default priorities and severities, you should specify mappings:

Priorities Mapping

Priorities

(optional) Specify TestTrackPro-to-TargetProcess priorities mapping. Use names of priorities (Ex: [P1] -> [Must Have]). If you do not specify this mapping, TargetProcess will try to resolve it automatically. You may just set the same priorities in TargetProcess as TestTrackPro has (P1 - P5) for Bug entity.

Test Track Pro	Target Process	
before final	Fix if Time	Edit Del
before alpha	Fix ASAP	Edit Del
immediate	Fix ASAP	Edit Del
future release	Fix if Time	Edit Del
before beta	Fix ASAP	Edit Del

Test Track Pro	Target Process	
<input type="text"/>	→ <input type="text"/>	<input type="button" value="Add"/>

Severities Mapping

Severities

(optional) Specify TestTrackPro-to-TargetProcess severities mapping. Use names of severities (Ex: [blocker] -> [Blocking]). If you do not specify this mapping, TargetProcess will try to resolve it automatically. You may just set the same severities in TargetProcess as TestTrackPro has (trivial - blocker) for Bug entity..

Test Track Pro	Target Process	
no workaround	Blocking	Edit Del
workaround	Normal	Edit Del

Test Track Pro	Target Process	
<input type="text"/>	→ <input type="text"/>	<input type="button" value="Add"/>

IMPORTANT: Do not forget to push Save & Exit button after adding states mapping, otherwise it will not be saved!

Step 4. Actors Mapping

There are two actors in TestTrackPro: **Assignee** (person who will fix a bug) and **Reporter** (person who added a bug). In TargetProcess these actors may have different names. Default workflow has the following mapping:

TestTrackPro Actor	TargetProcess Actor
Assignee	Developer(s)
Reporter	Verifier

Actors Mapping

Assignee Actor

Specify TargetProcess actor name who relates to Assignee role in Bugzilla (Ex: Developer(s)).

Reporter Actor

Specify TargetProcess actor name who relates to Reporter role in Bugzilla (Ex: Verifier).

If you have different workflow, you may specify another mapping. Type exact Actor name into the fields (for example, default actor name for Developer is Developer(s), check that in Workflows Management section in Process).

Step 5. Users Mapping

TargetProcess should know how to assign users on imported bugs. By default it tries to find user by email. For example, if you have user with email tester@mycompany.com in TestTrackPro and have user with the same email in TargetProcess, all will be fine. However if there is no such user in TargetProcess, it will be required to map it in Users Mapping area.

You may use user name from TestTrackPro and user login from TargetProcess to create mapping.

Users Mapping

Users

Specify TestTrackPro-to-TargetProcess users by Last Name (First Name) and email (Ex: [John Smith] -> [teddy@targetprocess.com]). Required to correct bugs' comments sync and assigned users sync.

Test Track Pro	Target Process	
System Administrator	jerry	Edit Del
<input type="text"/>	<input type="text"/>	Add
<input type="button" value="Save & Exit"/> <input type="button" value="Cancel"/>		

How to Check Synchronization Results

TestTrackPro synchronization will be run as often as configured in plugin profile. You can't run it immediately, but you may reset synchronization time to say plugin that synchronization is required. To reset synchronization time navigate to Plugins, expand TestTrackPro Integration plugin and push the button for required profile.

To check sync results, click *Log* link for plugin profile. You will see sync log.

The screenshot shows the 'Profile Log' for the 'TP Integration' profile. It contains a table of log entries:

Date	Successfull	Message
28-Mar-2008 14:11:13	✓	Added Bugs Count of bugs : 27 Affected TestTrackPro ID(s) : [14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40] Updated Bugs Count of bugs : 0
28-Mar-2008 14:06:14	✗	Added Bugs Count of bugs : 0 Updated Bugs Count of bugs : 0 Failed Bugs Count of bugs : 27 Affected TestTrackPro ID(s) : [14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,...
28-Mar-2008 14:03:06	✓	Added Bugs Count of bugs : 0 Updated Bugs Count of bugs : 0 Failed Bugs Count of bugs : 0
28-Mar-2008 13:53:07	✓	Added Bugs Count of bugs : 0 Updated Bugs Count of bugs : 0 Failed Bugs Count of bugs : 0
28-Mar-2008 13:43:07	✓	Added Bugs Count of bugs : 0 Updated Bugs Count of bugs : 0 Failed Bugs Count of bugs : 0
28-Mar-2008 13:33:06	✓	Added Bugs Count of bugs : 0 Updated Bugs Count of bugs : 0 Failed Bugs Count of bugs : 0
28-Mar-2008 13:23:08	✗	Added Bugs Count of bugs : 0 Updated Bugs Count of bugs : 0 Failed Bugs Count of bugs : 0 Synchronization is failed: The specified record does not exist in the da...
28-Mar-2008 12:13:06	✗	Added Bugs Count of bugs : 0 Updated Bugs Count of bugs : 0 Failed Bugs Count of bugs : 0 Synchronization is failed: The specified user is already logged in. ...

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The log shows all sync sessions with results, it shows how many bug were added or updated as well as TestTrackPro Ids. You may click on date to see sync session details.

The screenshot shows the 'View Profile Log Entry' page for a specific session. It includes the following information:

- Profile Log Entry**
- Additional Info**
 - Plugin: TestTrackPro Integration
 - Profile: TP Integration
 - Successfull: ✗
 - Creation Date: 28-Mar-2008 13:23:08
- Added Bugs**: Count of bugs : 0
- Updated Bugs**: Count of bugs : 0
- Failed Bugs**: Count of bugs : 0
- Synchronization is failed: The specified record does not exist in the database.**

Jump from Defect in TargetProcess to Defect in TestTrackPro

It is possible to navigate to TestTrackPro web client directly from TargetProcess defect View page.

Owner	jerry mouse
Creation Date	21-Mar-08
Completion Date	
External Link	Test Track Pro Url



Actions

- [Edit](#)

If you click this link, system redirects you to TestTrackPro web client. If you are not logged in, you will be prompted with login and password to see the defect. After that you will see defect details page.

Other

Please, email to support@targetprocess.com if any problems with TestTrackPro integration.

Visit support forum at <http://support.targetprocess.com> or TargetProcess Help Desk at <http://helpdesk.targetprocess.com>

If you have any questions about TargetProcess, just contact us:

Email: info@targetprocess.com

Web: <http://www.targetprocess.com>