

# TARGETPROCESS SOURCESAFE INTEGRATION GUIDE



v.2.14

SourceSafe Integration Guide

This document describes SourceSafe plugin configuration.

**SOURCESAFE INTEGRATION OVERVIEW .....3**

**INSTALL SOURCESAFE ON THE SERVER .....3**

**CONFIGURE SOURCESAFE PLUGIN IN TARGETPROCESS .....4**

    STEP 1: SOURCESAFE CONNECTION ..... 4

    STEP 2: PROJECTS ..... 5

    STEP 3: START REVISION ..... 5

    STEP 4: USERS MAPPING..... 5

**HOW TO CHECK SYNCHRONIZATION RESULTS .....6**

**OTHER .....7**

# SourceSafe Integration Overview

Integration with Microsoft Visual SourceSafe allows developers to avoid some repetitious actions in TargetProcess related to Bugs fixing, User Stories and Tasks implementations and committing files to source control system by using comment in a special syntax. TargetProcess will automatically perform actions stated in a single comment.

**NOTE: #ID may represent Bug ID, User Story ID or Task ID.**

By the use of the comment on commit in VSS users can do the following:

1. Change defect states  
*#ID state:fixed*
2. Add comments to defect:  
*#ID comment: text of your comment here*  
*comment: this is a second multiline comment row1*  
*row2*
3. Add time spent only  
*#ID time:1*
4. Update time spent and time remaining.  
*#ID time:1:12*
5. Update several defects at one time  
*#ID,#ID comment: will not be fixed state: invalid*  
*time:0.5*

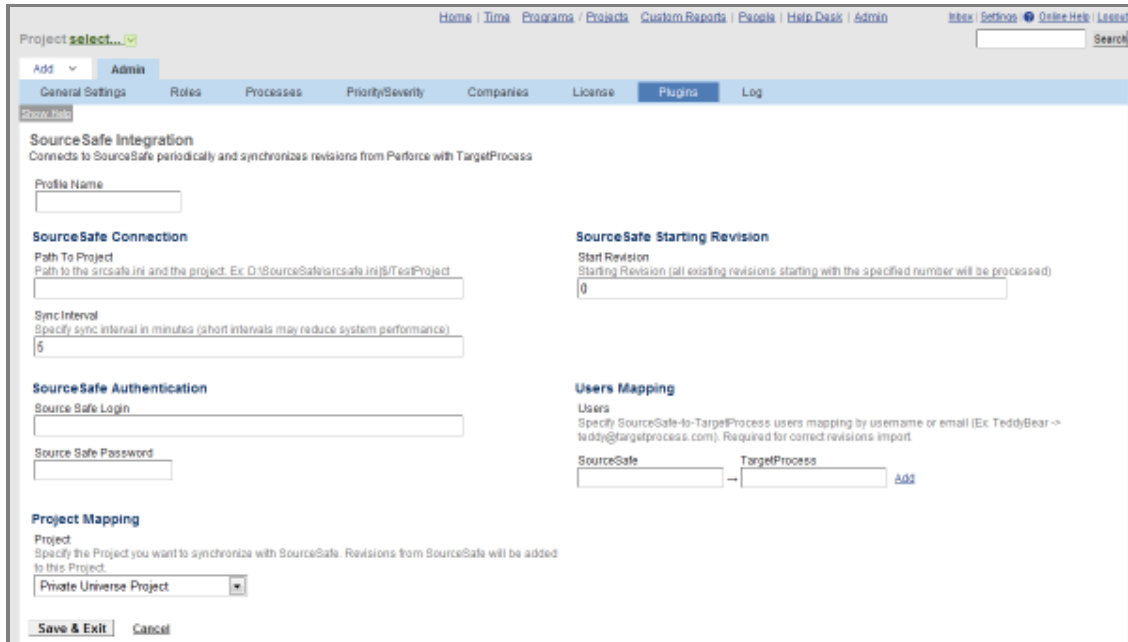


## Install SourceSafe on the Server

It is required to install SourceSafe on the server because TargetProcess use SourceSafe components for integration.

# Configure SourceSafe Plugin in TargetProcess

Go to **Admin** -> **Plugins** and click 'Add Profile' link for SourceSafe Integration in Source Control section. The profile form will appear. You should specify Profile Name. It is recommended to use project name in profile name, since each profile usually relates to exactly one project.



The screenshot shows the 'SourceSafe Integration' configuration form. The 'Admin' tab is selected, and the 'Plugins' sub-tab is active. The form contains the following sections:

- SourceSafe Integration:** Description: 'Connects to SourceSafe periodically and synchronizes revisions from Perforce with TargetProcess'. Field: 'Profile Name'.
- SourceSafe Connection:**
  - Path To Project:** Description: 'Path to the sccsafe.ini and the project. Ex: D:\SourceSafe\sccsafe.ini\B\TedProject'. Field: [Text Input].
  - Sync Interval:** Description: 'Specify sync interval in minutes (short intervals may reduce system performance)'. Field: [5].
- SourceSafe Authentication:**
  - Source Safe Login:** Field: [Text Input].
  - Source Safe Password:** Field: [Text Input].
- SourceSafe Starting Revision:**
  - Start Revision:** Description: 'Starting Revision (all existing revisions starting with the specified number will be processed)'. Field: [0].
- Users Mapping:**
  - Users:** Description: 'Specify SourceSafe-to-TargetProcess users mapping by username or email (Ex: TeddyBear->teddy@targetprocess.com). Required for correct revisions import.' Field: [Text Input].
  - SourceSafe:** Field: [Text Input].
  - TargetProcess:** Field: [Text Input].
  - Add:** Button.
- Project Mapping:**
  - Project:** Description: 'Specify the Project you want to synchronize with SourceSafe. Revisions from SourceSafe will be added to this Project.' Field: [Private Universe Project].

Buttons at the bottom: 'Save & Exit', 'Cancel'.

## Step 1: SourceSafe Connection

You should specify several parameters to enable connection to SourceSafe server:

- Path To Project: path to sccsafe.ini and the project.
- Sync Interval: specifies the frequency of retrieving changes from SourceSafe. Cannot be less than 5 minutes
- SourceSafe Login and password: Username and password of a person who has permissions to the project in SourceSafe.

**SourceSafe Connection**

Path To Project  
 Path to the srcsafe.ini and the project. Ex: D:\SourceSafe\srcsafe.ini\TestProject

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

**SourceSafe Authentication**

Source Safe Login

Source Safe Password

## Step 2: Projects

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Each SourceSafe Integration profile relates to one and only one project. It means if you want to enable integration for several projects you should create several profiles. Project drop-down list will display only those projects that have 'Source Control' practice enabled (**Admin** > **Processes**).

## Step 3: Start Revision

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You can also specify the revision number and TargetProcess will retrieve only changes from all revisions above this number.

## Step 4: Users Mapping

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TargetProcess should know who will be the author of particular commitments. By default TargetProcess tries to find login that matches VSS username. For example, if you have registered VSS user with username Jackson and have user with the same login name in TargetProcess, it will be fine. But if there is no such login name in TargetProcess, it is required to map users in Users Mapping section.

You can map SourceSafe username to user email or login in TargetProcess:  
*[Jackson -> sb@targetprocess.com]* or *[Jackson -> SpongeBob]*

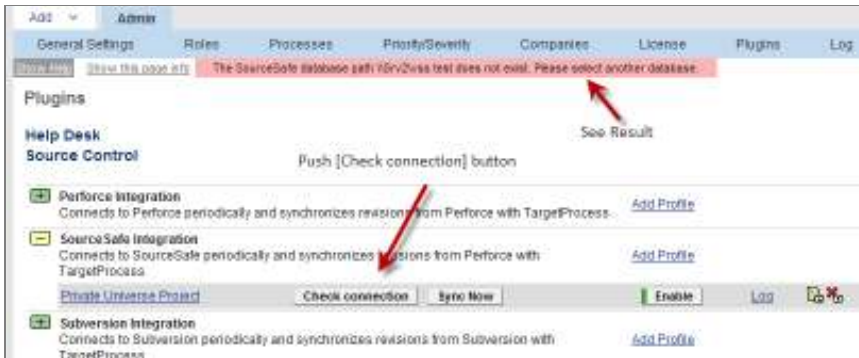
**Users Mapping**

Users  
Specify SourceSafe-to-TargetProcess users mapping by username or email (Ex: TeddyBear -> teddy@targetprocess.com). Required for correct revisions import.

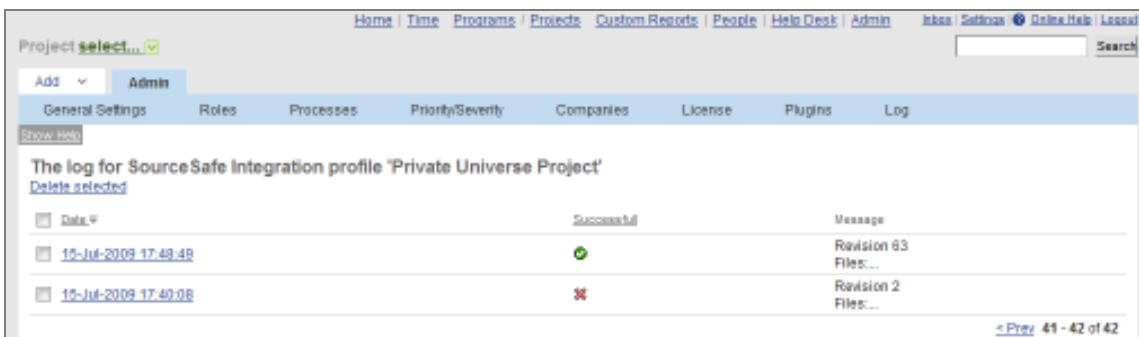
SourceSafe	TargetProcess	
Jackson	sb@targetprocess.com	<a href="#">Edit Del</a>
<input type="text"/>	<input type="text"/>	<a href="#">Add</a>

## How to Check Synchronization Results

Save profile settings (find **Save & Exit** button at the bottom of the form). Click the **Check connection** button for created profile to ensure that all settings are correct and TargetProcess can access the repository.



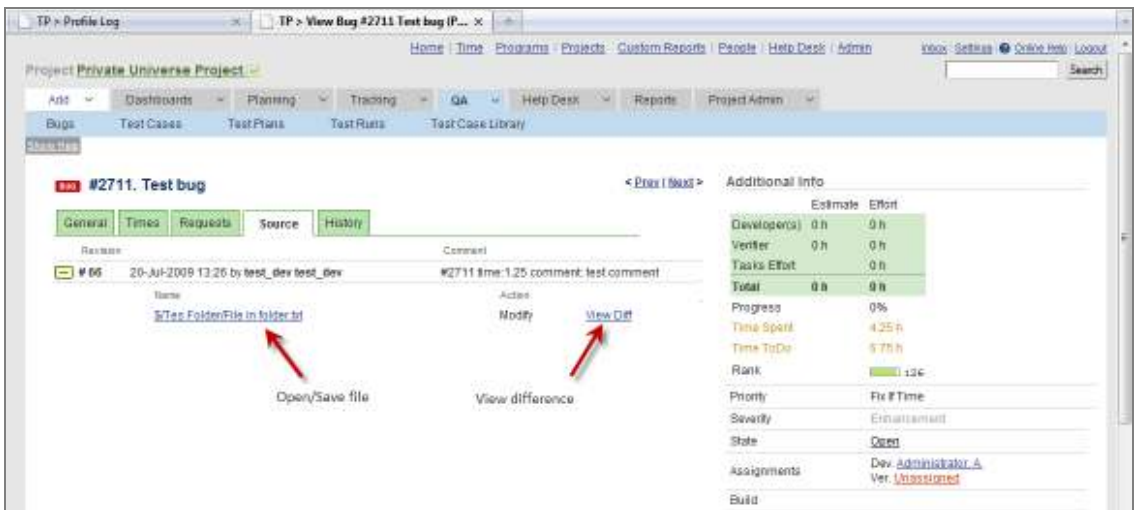
Click **Enable** button and plugin will start synchronizing. SourceSafe synchronization will be run as frequently as configured in your plugin profile. If you need to force the synchronization immediately, you have to disable running profile and then click **Synch Now** button. To check sync results, click **Log** link for plugin profile. You will see sync log.



The log shows all sync sessions with results. You may click on date to see sync session details: committed file names and information about particular changes done in revision and errors description (if any).

Profile Log Entry	Additional Info
<b>Revision 2</b>	Plugin: SourceSafe Integration
Files: S\1.txt - Add	Profile: Private Universe Project
<b>Errors:</b> User with login "Linich" does not exist in TargetProcess. In this case change state, comments and time addition will not be processed on commit changes Entity with #1452 was not found for project for SourceControl vss'	Successful: ✘ Creation Date: 15-Jul-2009 17:40:08

After synchronization you can view committed changes in 'Source' tab of detailed view of particular Bug, User Story or Task. From this page you can view added/modified files or view the difference of current and previous versions of the files committed.



## Other

Please, email to [support@targetprocess.com](mailto:support@targetprocess.com) if any problems with SourceSafe 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](mailto:info@targetprocess.com)

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