

## AccuBridge™ for Atlassian Crucible

# Installation Guide

**Version 2012.2.1**  
**October 2012**

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# 1. About AccuBridge™ for Atlassian Crucible



This chapter provides overview information about AccuBridge™ for Atlassian Crucible version 2012.2.1.

## Overview

Once installed, AccuBridge for Atlassian Crucible allows AccuRev® Web Interface (Web UI) users to:

- Open the Atlassian Crucible (Crucible) code review system from within the Web UI
- Create a Crucible code review for any issue accessible from the Web UI
- Add one or more issues to an existing Crucible code review

See the *AccuRev® Web Interface User's Guide* for information on using AccuRev to create and manage Crucible reviews.

## Requirements

AccuBridge for Atlassian Crucible version 2012.2.1 requires AccuRev Web UI version 5.6 or later.

## Crucible Support

AccuBridge for Atlassian Crucible version 2012.2.1 supports Atlassian Crucible versions 2.5.x and later.

## Installation Summary

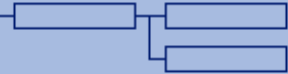
To install and configure AccuBridge for Atlassian Crucible, you need to:

1. Download and install AccuBridge for Atlassian Crucible.  
See *Installing AccuBridge™ for Atlassian Crucible* on page 3.
2. Set up Crucible for the AccuRev SCM plug-in.  
See *Setting Up Crucible* on page 5.
3. Configure the AccuRev Web UI to recognize the Crucible server.  
See *Configuring AccuRev®* on page 9.

Each of these steps is explained in greater detail in the following chapters.



## 2. Installing AccuBridge™ for Atlassian Crucible



This chapter describes how to download and install AccuBridge™ for Atlassian Crucible.

### Downloading AccuBridge™ for Atlassian Crucible

To download AccuBridge™ for Atlassian Crucible:

1. Go to the AccuBridge download page on the AccuRev Web site:  
[http://www.accurev.com/download\\_ab.htm](http://www.accurev.com/download_ab.htm).
2. Navigate to the AccuBridge Code Review Integrations section, and download the AccuBridge for Atlassian Crucible .zip file.

### Installing AccuBridge™ for Atlassian Crucible

To install AccuBridge™ for Atlassian Crucible:

1. Unzip the AccuBridge for Atlassian Crucible zip file to a directory that is accessible to the Crucible Universal Plugin Manager (UPM).
2. Use the Crucible UPM to upload the AccuBridge for Atlassian Crucible .jar file.

Refer to your Crucible documentation if you need help with this step.

**Alternative:** Install the AccuBridge for Atlassian Crucible .jar file directly to `<CRUCIBLE_HOME>\var\plugins\user` where `<CRUCIBLE_HOME>` is the Crucible installation directory.

3. Restart Crucible.





## 3. Setting Up Crucible

This chapter describes how to set up Crucible with the AccuRev SCM plug-in.

### Overview

To set up Crucible with the AccuRev SCM plug-in, you need to:

1. Specify Crucible server settings.
2. Create Crucible users.
3. Create Crucible repositories.
4. Create Crucible projects.

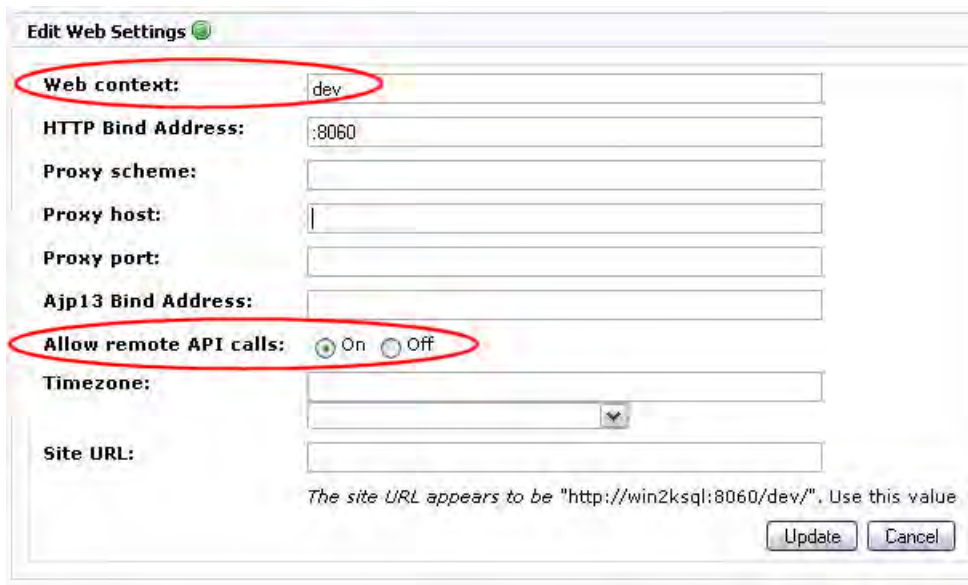
Each of these steps is described in the following sections. See your Crucible documentation for detailed information.

### Specifying Crucible Server Settings

To specify Crucible server settings to enable the AccuRev SCM plug-in:

1. In the Crucible Admin Menu, go to **Global Settings > Server Settings**.
2. Under Web Server, click **Edit settings....**

The Edit Web Settings page appears.



The screenshot shows the 'Edit Web Settings' dialog box with the following fields and values:

- Web context:** dev
- HTTP Bind Address:** :8060
- Proxy scheme:** (empty)
- Proxy host:** (empty)
- Proxy port:** (empty)
- Ajp13 Bind Address:** (empty)
- Allow remote API calls:** On (selected), Off
- Timezone:** (empty)
- Site URL:** (empty)

At the bottom, there is a note: "The site URL appears to be "http://win2ksql:8060/dev/". Use this value" and two buttons: "Update" and "Cancel".

3. Set the **Web context** field. This can be any alphanumeric value that makes sense in your environment—*dev*, *qa*, or *eng*, for example.

**Note:** You will need this value to update the AccuRev **wui\_config.xml** file. See [Configuring AccuRev®](#) on page 9 for more information.

4. Set the **Allow remote API calls** field to **On**.
5. Click the **Update** button.

## Creating Crucible Users

In Crucible, create a user for every AccuRev Web UI user you want to provide Crucible access. To start, in the Crucible Admin Menu, go to **Global Settings > Users**.

**Note:** The username and password you use to create Crucible users *must be the same* as those used to create the corresponding AccuRev users.

## Creating Crucible Repositories

Use the following procedure to create one or more Crucible repositories. Consider setting up each repository so that it corresponds to a single AccuRev Server.

To create a Crucible repository:

1. In the Crucible Admin Menu, go to **System > Plugins**.
2. Locate `accurev-crucible-plugin` in the list of Crucible plug-ins.
3. Click **Configure**.

The AccuRev SCM page appears.

4. Click **Add a repository**.

The AccuRev SCM repository configuration page appears.



The screenshot shows a dialog box titled "AccuRev SCM" with a green status indicator. It contains five input fields: "Repository Name:", "Host:", "Port:", "User name:", and "Password:". Each field is followed by a text input box. At the bottom left of the dialog is a "Save" button.

- In the **Repository Name** field, enter the name you want to give this Crucible repository.
- In the **Host** field, enter the name of the AccuRev Server host.
- In the **Port** field, enter the number of the port AccuRev is listening on.

- In the **User name** and **Password** fields, enter the AccuRev username and password of the AccuRev user you want to associate with this Crucible repository. This is an AccuRev user, and this user should have all privileges needed to access and manipulate files and issues that are under AccuRev control.

5. Click the **Save** button.

## Creating Crucible Projects

Use the following procedure to create one or more Crucible projects:

1. In the Crucible Admin Menu, go to **Project Settings > Project List (new...)**.

**Tip:** Click just **(new...)** to create a project.

The Edit Project page appears.

The screenshot shows the 'Edit Project' form with the following fields and options:

- Identification:** Name: [text input], Key: [text input]
- Default Review Content Repository:** Default Repository: [APP ▼] (highlighted with a red circle),  Store the contents of files in reviews
- Project Permissions Scheme:** Permission Scheme: [default ▼]
- Moderator:**  Enable the Moderator role for this project, Default Moderator: [text input] *Start typing a user name then press enter to select!*

2. Create the project as you would any other Crucible project (specifying a name, key, default moderator, and so on, as needed).
3. In the **Default Repository** field, choose the Crucible repository you configured for the AccuRev Server. (See [Creating Crucible Repositories](#).)
4. Click the **Save** button.



## 4. Configuring AccuRev®

This chapter describes how to configure AccuRev® to integrate the Web UI with Crucible.

### Overview

To integrate the AccuRev Web UI with Crucible, you need to add the `<code>Revi ew URL = </code>` element to the `wui_config.xml` file. The `<code>Revi ew URL = </code>` element has the following syntax:

```
<code>Revi ew URL = "http://<crucible_server>:<port>/<crucible_web_context>/" />
```

where:

- `<crucible_server>` is the IP address of the Crucible server
- `<port>` is the HTTP Bind Address value from the Crucible Edit Web Settings page
- `<crucible_web_context>` is the Web Context value from the Crucible Edit Web Settings page

**Note:** See [Specifying Crucible Server Settings](#) on page 5 for more information on where these values are defined.

### Editing the wui\_config.xml File

To edit the `wui_config.xml` file:

1. Stop the Tomcat server.
2. Navigate to the `.accurev` subdirectory under the home directory of the user running Tomcat:
  - *(Windows users)* `C:\Documents and Settings\<user name>`, or `C:\Users\<user name>`, for example
  - *(Linux users)* The user's login directory
3. Open the `wui_config.xml` file in a text editor, and add the `<code>Revi ew URL = </code>` element, specifying the Crucible server, port, and Web context as described earlier in this section.
4. Save the `wui_config.xml` file.
5. Restart the Tomcat server.

