

Installation

To install the JIRA on your machine, raise the request in **AppStore** by clicking [here](#)

Configuration

About the JIRA Configuration Tool

The **JIRA Configuration Tool** is an application (included with all JIRA distributions except [JIRA WAR](#)) that offers server-level JIRA configuration through a convenient GUI. This tool allows you to do the following:

- [Configure your JIRA Home Directory](#)
- [Configure your database connection](#)
- [Tune your database connection](#)
- [Configure the webserver](#), including the TCP ports that JIRA runs through and SSL configuration.

Please Note:

- The JIRA Configuration Tool requires a Java platform to be installed and configured on your operating system. If you need to install a Java platform to run this tool, we recommend using a [Java platform supported by JIRA](#) — refer to [JIRA Requirements](#) for details.
- If you use the [JIRA WAR](#) distribution or have a console-only connection to your JIRA server, you will need to perform these server-level configurations manually.
- Whenever you configure or reconfigure JIRA's server-level settings using this tool, **JIRA must be restarted** so it can recognize these changes.

Starting the JIRA Configuration Tool

The JAVA_HOME environment variable must be set to use the JIRA configuration tool. If it has not been set already, follow the instructions in [Installing Java](#) to set it.

To start the JIRA configuration tool:

- **Windows:** Open a command prompt and run config.bat in the bin sub-directory of the [JIRA Installation Directory](#).
- **Linux/Unix:** Open a console and execute config.sh in the bin sub-directory of the [JIRA Installation Directory](#).

The JIRA configuration tool can be run with a graphical user interface or via a command-line interface. The following sections show the graphical user interface, but the functionality is the same regardless of the interface.

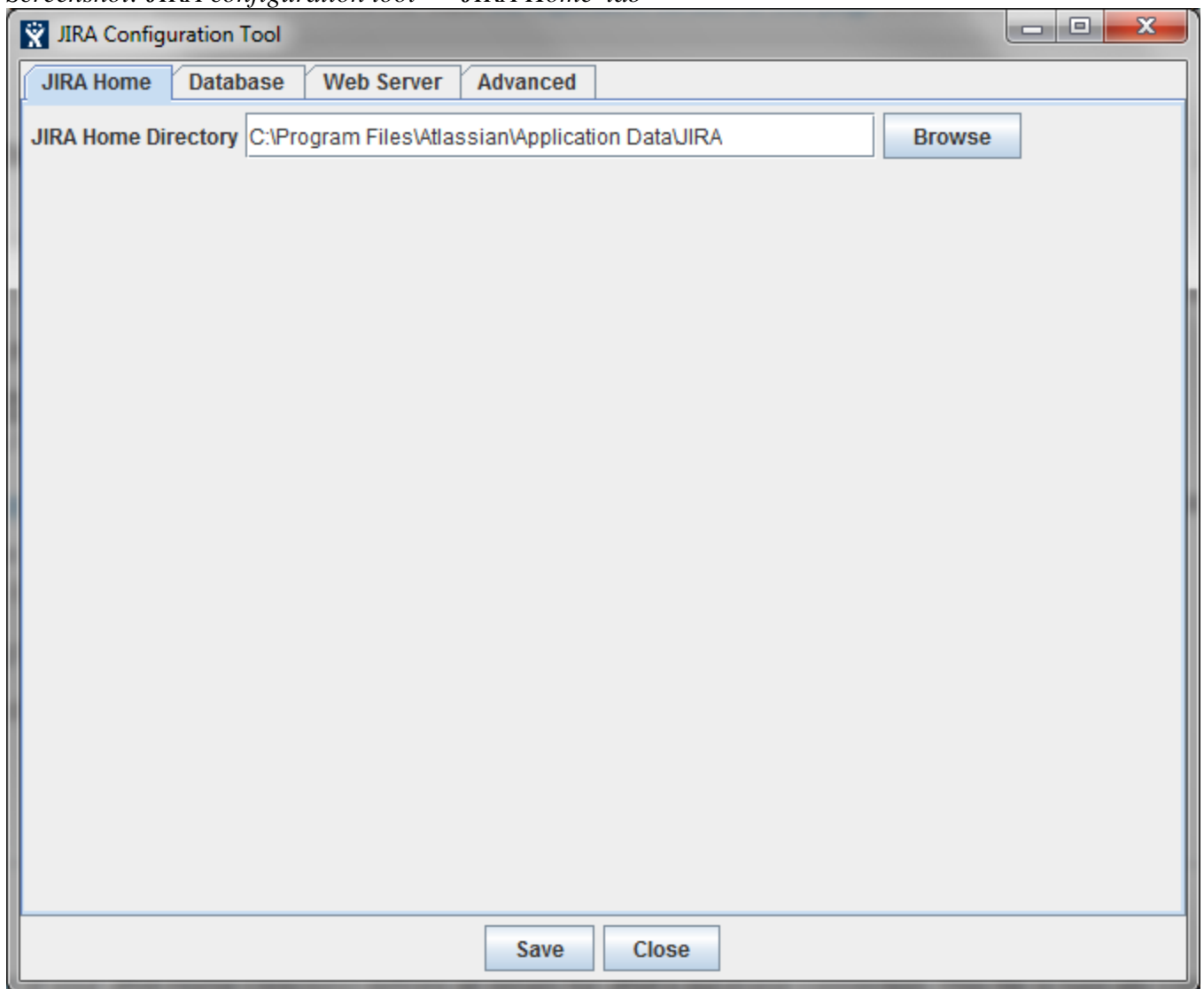
Configuring the JIRA Home Directory

Your [JIRA Home Directory](#) allows you to set the folder that JIRA uses to store its various data files.

To set your JIRA Home Directory using the JIRA Configuration Tool:

1. Click the **JIRA Home** tab.
2. In the **JIRA Home Directory** field, type the full file path into the text field, or click the **Browse** button to browse for the location of your [JIRA Home Directory](#).
3. Click the **'Save'** button. Your changes are saved to the jira-application.properties file located in the <jira-application-dir> subdirectory of your [JIRA Installation Directory](#). For more information, please see [Setting your JIRA Home Directory](#).

Screenshot: JIRA configuration tool — 'JIRA Home' tab



Configuring the database connection

To configure JIRA's database connection using the JIRA configuration tool, follow the appropriate procedure for your database type:

- [Connecting JIRA to PostgreSQL](#)
- [Connecting JIRA to MySQL](#)
- [Connecting JIRA to Oracle](#)
- [Connecting JIRA to SQL Server 2005](#)
- [Connecting JIRA to SQL Server 2008](#)
- [Connecting JIRA to HSQLDB](#)

Screenshot: JIRA configuration tool — 'Database' tab

The screenshot shows the 'JIRA Configuration Tool' window with the 'Database' tab selected. The 'Database type' is set to 'PostgreSQL'. Under 'Connection Details', the following fields are visible:

| Field | Value |
|----------|------------|
| Hostname | dbserver |
| Port | 5432 |
| Database | jiradb |
| Username | jiradbuser |
| Password | •••••••••• |
| Schema | public |

At the bottom of the window, there is a 'Test Connection' button, and below that, 'Save' and 'Close' buttons.

Configuring JIRA's web server

The JIRA configuration tool can also be used to configure JIRA's web server, specifically the TCP ports and the SSL configuration. Follow the relevant instructions linked below:

- [Changing JIRA's TCP Ports](#)
- [Running JIRA over SSL or HTTPS](#)

Screenshot: JIRA configuration tool — 'Web Server' tab

The screenshot shows the 'JIRA Configuration Tool' window with the 'Web Server' tab selected. The window has a title bar with standard Windows controls. Below the title bar are four tabs: 'JIRA Home', 'Database', 'Web Server', and 'Advanced'. The 'Web Server' tab is active, displaying several configuration fields:

- Control Port:** A text box containing '8005'.
- Profile:** A dropdown menu showing 'HTTPs only'.
- HTTP Port:** A text box containing '8080'.
- HTTPs Port:** A text box containing '80'.
- Keystore Path:** A text box containing 'C:\Program Files (x86)\Java\jre7\lib\security\cacerts' with a 'Browse' button to its right.
- Keystore Password:** A text box containing 'changeit'.
- Key Alias:** A text box containing 'alias'.

At the bottom of the configuration area is a button labeled 'Check Certificate in Key Store'. Below this, at the very bottom of the window, are two buttons: 'Save' and 'Close'.

Tuning JIRA's database connections

For more information about the functionality of the **Advanced** tab, see [Tuning Database Connections](#).

Screenshot: JIRA configuration tool — 'Advanced' tab

JIRA Configuration Tool

JIRA Home Database Web Server **Advanced**

Scalability and Performance

- ☒ Maximum Size 20
- ☐ Maximum Idle
- ☐ Minimum Idle/Size
- ☐ Initial Size
- ☐ Maximum Wait Time
- ☐ Pool Statements
- ☐ Maximum Open Statements

Eviction Policy

- ☐ Validation Query
- ☐ Validation Query Timeout
- ☐ Test On Borrow
- ☐ Test On Return
- ☐ Test While Idle
- ☐ Time Between Eviction Runs
- ☐ Minimum Evictable Idle Time
- ☐ Remove Abandoned
- ☐ Remove Abandoned Timeout

Save Close

Running in command line mode

To run the config tool in command line mode, use the -c or --console arguments

In linux, config.sh -c or config.sh --console

In windows, config.bat -c or config.bat --console

You will be presented with the following menu:

```
--- Main Menu ---  
[H] Configure JIRA Home  
[D] Database Selection  
[W] Web Server (incl. HTTP/HTTPS configuration)  
[A] Advanced Settings  
[S] Save and Exit  
[X] Exit without Saving  
Main Menu> 
```

The menu options can be accessed and values provided via the command line.