

Borland®

StarTeam Agile 2.3

Release Notes

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StarTeam Agile Release 2.3

These release notes contain information that might not appear in the Help. Read them in their entirety before you install the product.



Note: This document contains a number of links to external web sites. Micro Focus cannot be responsible for the contents of the website or for the contents of any site to which it might link. Web sites by their nature can change very rapidly and although we try to keep our links up-to-date, we cannot guarantee that they will always work as expected.

What's New in StarTeam Agile

2.3

The following updates were made for this version:

Performance Improvements

Significant performance improvements have been made that will provide improved user interaction when navigating through all perspectives.

Story Types

Epic and *Theme* are newly supported Story Type values on the backlog.

Cumulative Flow diagrams

Cumulative Flow diagrams have been added to the StarTeam Datamart sample reports for increased visibility over the progress of an Agile Release.

Installation

StarTeam Agile is now installed as part of the Atlas Unified Bundle, providing the option of immediate Requirement and Defect Info Stream integrations with Borland Atlas and Borland Connect.

PostgreSQL Database

StarTeam Agile now uses PostgreSQL as the default database for the Borland Hub.

2.0

The following updates were made for this version:

Capacity Planning

- | | |
|--|---|
| Default Capacity | You can now set users default capacity (hours) for a project. By default, every new sprint will assume that capacity for the user. |
| Override Capacity Per Sprint | Users can override their capacity on a sprint by sprint basis, making it easier to adjust capacity in case of absence for any reason. |
| Capacity indicator within Tasks Creation | If capacity is set, the Task Owner list now includes a indicator listing if the user you are assigning the task has available hours (green) or if the user is already over his capacity (red). |
| Capacity Chart within People Filter (Teamboard) | <ul style="list-style-type: none">The Team Member card in the Team Filter panel now shows a capacity chart that fills accordingly with the user's capacity availability. |

- If you hover over the capacity chart, StarTeam Agile displays an insight tool tip with both capacity (Percentage and hours details) and involvement (Percentage and points details) data to show the user's workload and how much of the sprint is dependent upon them.
- If the user is over capacity a red indicator is shown on the Capacity Chart

Insight Team Burndown and Individual Burndown Capacity Lines

- Both Team Burndown and Individual Burndown charts now include an additional line to represent the capacity.
- The capacity line in the burndown changes color accordingly with the allocation (blue if effort is under capacity, red if the effort is over capacity)

Teamboard Task Cards Over Capacity Indicator

- When tasks are assigned to a user that is over capacity, the task cards show the owner label as red.
- If you hover a task card with an owner over capacity, the hover will contain an indicator explaining how many hours over capacity the owner is.

Backlog Breakdown View

The **Backlog Breakdown View** has been introduced to replace and enhance the **Hierarchy View** on the backlog. The new breakdown view allows you to not only organize and manage your hierarchies but it also allows you to track progress of children items within a hierarchy.

- You can now filter based on the entire hierarchy, not only top level items. That way if you have child items that match the filter criteria StarTeam Agile will return those hierarchies for you as well.
- Sprints are now part of the filtering criteria so you can actually look at the hierarchies that have children allocated to a particular sprint.

Teamboard List View

The teamboard now offers two views, a card view (available in the previous release) and a new flat list view. The list view can be expanded to view both **Stories** and **Tasks** in the **Sprint** and can also be used to edit the **Task Status** or change a story to *Accepted* from within the list.

- Within the List View, you can now execute **CarryOver to Sprint** and **Move to Backlog** operations on single items.
- Within the List View, you can also execute bulk operations (multiple stories) like: **CarryOver to Sprint**, **Move to Backlog**, and **Set Target Release for a Story**.

Story Acceptance

Stories now have an *Accepted* state, so users can differ from stories that have their work completed but have not accepted, and stories that have been accepted.

- When a Story is marked *Completed*, the **Story Card** will have an added slider button that says **Completed**. To change the story to *Accepted*, simply click the button and the **Story Status** will be updated to *Accepted*.
- You can track *Accepted/Completed* on the **Insight Panel (Teamboard View)** and the **Story Cards** in the **Sprint Panel**.

Cross-Release Sprints

Sprints are no longer bound to releases, that way you can have stories that are targeted to multiple releases within a sprint.

The **Sprint Planning** panel has added a **Show All** option in the **Release** list so that all sprints for a project can be selected. Sprints can optionally be assigned to a release as well and the list will allow the user to filter the **Sprint Planning** panel by each release if needed.

System Requirements

StarTeam Agile has the following requirements in addition to those of StarTeam Server:

StarTeam 15.0 Server

Refer to the StarTeam Server Release Notes.

Operating Systems

- Microsoft Windows Server 2008 R2 SP2(64-bit)
- Microsoft Windows Server 2012 (64-bit)

Browsers

- Internet Explorer 9+
- Firefox 8+
- Chrome 20+
- iPad
- Samsung Galaxy 10.1 platform

Hardware Requirements for WebServer

Minimum 64-bit quad core system with 4-8 GB of memory.

Installation

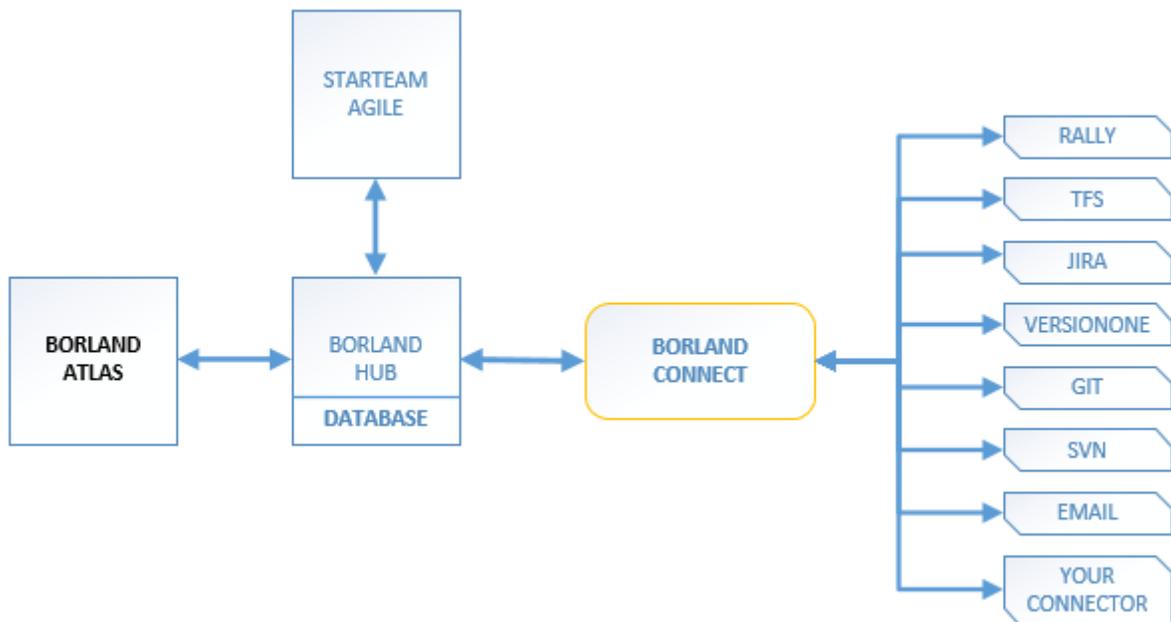
You are about to install the **Atlas Planning and Tracking Suite**. Before proceeding with installation, prepare the following items:

- A 64-bit quad core system with 16 GB RAM that meets the full set of system requirements.
- A database. If you do not have a database to use, a PostgreSQL database will be installed and configured by default. If you have one of the supported database types, you will need to continue to configure your database post installation.

A fully installed and configured **Atlas Planning And Tracking Suite** contains the following applications and components:

Atlas	A collaborative, flexible, agile requirements and delivery platform. It will be installed and run in a Tomcat server.
Borland Hub	A software change and configuration management server that stores the assets.
Database	Borland Hub connects to and supports many databases. If you do not have one installed, PostgreSQL will be installed.
Borland Connect	A web application that allows you to synchronize assets from third party tools into Borland Hub (and thereby, into Atlas). For example, you could connect Borland Hub to Rally via Borland Connect and have all stories from Rally appear in Atlas.
StarTeam Agile	A web application that will be installed and run in a Tomcat server. StarTeam Agile allows you to manage work using the agile methodology. If you use another tool to manage agile data, you can use Borland Connect to synchronize that data into Borland Atlas.
Tomcat Web Server	Two Tomcat web servers are installed. One runs Atlas, StarTeam Agile, and Borland Connect and the other runs the Search component.

The following depicts how the components are connected:



Installing the Atlas Planning and Tracking Suite

The following steps describe how to install the **Atlas Planning and Tracking Suite**. The suite includes Atlas, Borland Connect, StarTeam Agile, and Borland Hub. These applications will all be installed together.

 **Tip:** If you want to install the Borland Hub on a separate server, you should plan to do that first. Go to that server, run the installer and select the **Borland Hub** option on the **Choose Install Set** screen. Complete that installation. Then, on the server for the web applications, choose the **Atlas Planning and Tracking Suite** option, during the installation, you will be asked to point to an existing Borland Hub, the one that you just set up.

 **Important:** Unless you are upgrading from Atlas Planning and Tracking Suite 2.0, if you have any other version of Atlas, Borland Connect, StarTeam Agile, or the Borland Hub installed, you must uninstall them before proceeding. If you are a current Borland Connect customer and you want to maintain your mappings, you must retain a copy of `Connect.xml` before uninstalling. After installation, you can check your original `Connect.xml` file back into the `StarFlow Extensions/Connect` folder.

1. Run the installer.
2. Read the introduction and click **Next** on the **Introduction** screen.
3. Read the license agreement, select the option to accept the license agreement and click **Next**. The **Choose Install Set** screen appears. This is where you will be able to install either all of the applications or just install a new Borland Hub.
4. To install all of the web applications, choose the **Atlas Planning And Tracking Suite** option to install Atlas, Borland Connect, StarTeam Agile, and optionally, Borland Hub. Click **Next**.
 - a) Select where you want the files installed on the **Choose Install Folder** screen. Do not click **Next** until you read the following:

 **Important:** The next part of the installation is where you choose the location. If you are upgrading, you need to make sure that you select the existing directory where the previous version was installed. If you used the default, you don't need to do anything in the next step because it is selected for you. However, if you chose a different location, you must browse to that folder and select it for the upgrade.

If you are upgrading, you will receive an **Upgrade Required** message. Click **OK** and walk through the upgrade screens. Your upgrade will complete, and you are finished with the installation!

If you are not upgrading, click **Next**. The **Borland Hub Connection** screen appears.

To connect to an existing Borland Hub:

1. Select **Connect to existing Borland Hub**.
2. Click **Next**. The **Borland Hub Parameters** screen appears.
3. Enter the Borland Hub connection information:

Borland Hub Host Name or IP Address

The IP address of an existing Borland Hub installation.



Important: When specifying the address and port for Borland Hub in either the installation wizard or directly in the `ALMConfiguration.xml` file, you must use the actual IP address (or machine name) of the Borland Hub. Do not use "localhost" even when Borland Connect and the Borland Hub are running on the same machine.

Configuration Name

The configuration name of an existing Borland Hub installation.

Configuration GUID	The configuration GUID of an existing Borland Hub installation.
Configuration Port	The configuration port of an existing Borland Hub installation.
User Name	The user name of an existing Borland Hub installation.
Password	The user's password of an existing Borland Hub installation.

4. Click **Next**.

To install a new Borland Hub:

1. Select **Install new Borland Hub**.
 2. Click **Next**. The **New Borland Hub** screen opens.
 3. Enter a **Configuration Name** for the new Borland Hub.
 4. If you already have a license key, select the **I have a license key** option.
 5. Enter the license details.
 6. Click **Next**.
5. To install the Borland Hub only, choose the **Borland Hub** option on the **Choose Install Set** screen.



Tip: After installation, if something goes wrong or a file is damaged or corrupted, you can attempt to repair the install by running this installer again

If you are upgrading, you need to:

1. Stop all Borland Hub server configurations using the Borland Hub **Admin Tool**.
2. Close the Borland Hub **Admin Tool**.
3. On the installer screen, click **Next**.
4. Click **Install**. The installer will install all upgrade files.

You are finished upgrading the Borland Hub!

If you are not upgrading, click **Next**.

1. Select the **Message Broker** option to install the Message Broker.
2. Select the **PostgreSQL** option to install a PostgreSQL database.
3. Click **Next**.
4. If you are installing a message broker, the Message Broker Options screen opens. Enter the port number on which the broker will listen.
5. If you are installing PostgreSQL, the **PostgreSQL Configuration** screen opens. Enter the password for the database superuser. Note that the username is `postgres`.
6. Click **Next**.

The **Choose Shortcut Folder** screen opens.

6. Select the shortcut folders and click **Next**. The Pre-Installation Summary screen opens.
7. Review the information and click **Install**.

Additional Configuration for Connecting to Existing Borland Hub

If you chose the option to **Connect to existing Borland Hub** in the Atlas installation wizard, the following configuration changes are required before using Borland Connect with Atlas:

1. Open the Borland Connect UI.
2. Navigate to the `HubDefault` data source.
3. Replace the default credentials with the correct account details for the Borland Connect user (this should be a server administrator account) in the **User Name** and **Password** fields.

4. In the **URL** field, replace the default StarTeam URL with the correct URL value.
5. Save the data source.
6. Click  (**Settings**) on the main Borland Connect UI.
 - a) Verify that the **Synchronization Frequency** field contains a valid integer.
 - b) Verify that the **Maximum Number of Threads** field contains a valid integer.
 - c) Click the **Error Notification** tab.
 - d) In the **Email Settings** group, if there is a value in the **Frequency** field, verify that it contains a valid integer.
 - e) Save the settings.
7. Go to the **Connections** page. For each connection, click  (**Edit**). Look in the **Error Notification** group. If there is a value in the **Frequency** field, verify that it contains a valid integer.
8. Save the connection.
9. Restart the server.

Default Installation Configuration

During installation, the following defaults are used when StarTeam server is installed as part of the installation:

- **Database Name:** Starteam
- **Database user login:** Starteam_login
- **Database user's password:** Agile123

The default configuration for the SQL Server Express that is installed with StarTeam:

- **User name:** sa
- **SA password:** StarTeam123

Using the ConfigManager Utility

The StarTeam Agile ConfigManager utility is a configuration bridge from StarTeam and StarTeam Agile. The utility allows you to configure StarTeam Agile servers with information from the StarTeam Server. With this utility, you can set up a new StarTeam Agile server and set the Administrator username and password.

Set the Administrator Username and Password

Follow the procedure below to set the Administrator username and password in the StarTeam Server Configuration that will be used in StarTeam Agile with the **ConfigManager** utility.



Note: If you need to change the *Administrator* username or any other configuration item, you will need to delete the existing configuration and add a new one.

1. Navigate to the StarTeam Agile installation directory:

- For 64-bit versions, it is typically `C:\Program Files\Borland\StarTeam Agile <version>`.
- For 32-bit versions, it is typically `C:\Program Files(x86)\Borland\StarTeam Agile <version>`.

2. Double-click on `runConfigManager.bat`.

If the utility does not run, make sure that Java is installed on the machine and that either the `<JDK_HOME>/bin` or `<JRE_HOME>/bin` is available in the path variable.

3. If a server hasn't been configured you will see the following message: .

```
No server has been configured. Select one of the following options.. A)dd
D)delete Q)uit =>
```

1. Select `A)dd`.

2. Enter new server configuration information:

- **Server Name**
- **GUID**
- **Host Name**
- **Host Port**
- **User Name**
- **Password**
- **Re-enter Password**



Note: The **Host Name** you enter can be either an IP address or resolvable host name. The **Host Port** and **GUID** information can be found using the **StarTeam Server Administration** tool. The **User Name** can be *Administrator* or the name of any user that has administrative privileges.

4. Select `Q)uit` to exit the utility.

Known Issues

Stories opened from Tracking view, Sprint Planning Panel, and Infostream panel cannot be bookmarked or sent as a URL.

No workaround at this time.

Multi-touch gestures, such as pinch to zoom, are not supported on iPad and Galaxy tablets.

No workaround at this time.

It is difficult to edit items using the touch keyboard on tablets.

A Bluetooth keyboard is recommended for editing items in StarTeam Agile on a tablet due to smaller screen real estate.

Tasks not editable in StarTeam Agile after they have been changed in the StarTeam Cross-Platform Client

If StarTeam Agile Tasks have been changed in the StarTeam Cross-Platform Client to have pinned Behavior (for instance, after the Task has been reverse shared in a View Compare/Merge session), then the Task on the Teamboard will not be able to be edited or moved until the Task is set back to floating Behavior in the Sprint's Release using the StarTeam Cross-Platform Client.

Updates and SupportLine

Our Web site gives up-to-date details of contact numbers and addresses.

Contacting Micro Focus

Micro Focus is committed to providing world-class technical support and consulting services. Micro Focus provides worldwide support, delivering timely, reliable service to ensure every customer's business success.

All customers who are under a maintenance and support contract, as well as prospective customers who are evaluating products, are eligible for customer support. Our highly trained staff respond to your requests as quickly and professionally as possible.

Visit <http://supportline.microfocus.com/assistedservices.asp> to communicate directly with Micro Focus SupportLine to resolve your issues, or email supportline@microfocus.com.

Visit Micro Focus SupportLine at <http://supportline.microfocus.com> for up-to-date support news and access to other support information. First time users may be required to register to the site.

Information Needed by Micro Focus SupportLine

When contacting Micro Focus SupportLine, please include the following information if possible. The more information you can give, the better Micro Focus SupportLine can help you.

- The name and version number of all products that you think might be causing an issue.
- Your computer make and model.
- System information such as operating system name and version, processors, and memory details.
- Any detailed description of the issue, including steps to reproduce the issue.
- Exact wording of any error messages involved.
- Your serial number.

To find out these numbers, look .

Creating a Dump File

If reporting a protection violation you might be asked to provide a dump (.dmp) file. To produce a dump file you use the Unexpected Error dialog box that is displayed when a protection violation occurs. Unless requested by Micro Focus SupportLine, leave the dump setting as `Normal` (recommended), click **Dump**, then specify a location and name for the dump file. Once the dump file has been written you can email it to Micro Focus SupportLine

You may also be asked to provide a log file created by the Consolidated Tracing Facility (CTF) - a tracing infrastructure that enables you to quickly and easily produce diagnostic information detailing the operation of a number of Micro Focus software components.

Creating Debug Files

If you encounter an error when compiling a program that requires you to contact Micro Focus SupportLine, your support representative might request that you provide additional debug files (as well as source and data files) to help us determine the cause of the problem. If so, they will advise you how to create them.

Licensing Information

This product includes software developed by the Indiana University Extreme! Lab (<http://www.extreme.indiana.edu/>) and software developed by the Apache Software Foundation (<http://www.apache.org/>).

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