Borland®

Atlas Planning and Tracking Suite 2.1

Atlas Planning and Tracking Suite

Borland Software Corporation
700 King Farm Blvd, Suite 400
Rockville, MD 20850

2015-12-07

Contents

Components

This version of the Atlas Planning and Tracking Suite is comprised of the of following products/versions:

Atlas 2.4	Atlas is a collaborative, flexible, agile requirements and delivery platform.
Borland Connect 1.6 HF1	A web application that allows you to synchronize assets from third party tools into Borland Hub (and thereby, into Atlas).
Borland Hub 15.0 HF1	A software change and configuration management server that stores your assets.
StarTeam Agile 2.3	Allows you to manage your work using the agile methodology.

What's New in Atlas

2.4

Hide Disabled UDAs from UDA List

With a click of a checkbox, you can now hide disabled UDAs from the UDA list in the Administrator Tool, making it easy to find the relevant UDAs for your Project.

Disabled UDAs No Longer Appear in Various Requirement Views

When disabling an UDA in the Administrator Tools, the UDA no longer appears in such areas as the Requirement Grid and the Attributes tab.

Multi-line Text UDAs

You can create multi-line text fields for a UDA. All attributes over 50 characters long will render a multi-line text box.

Multi-Select List UDAs

Administrators now have the ability to create lists with multiple selections. Choose **List - Multi Select** data type in the Administrator Tool to create the new list.

Open Requirements and Stories from the Tracking Chart

You may want to view the details of a requirement or a story while viewing the Tracking chart. Click the icon next to the requirement or story and the item will open in a new browser tab.

Tracking Details Available in Activity Feed

When you first log in, you can quickly view tracking details on the latest changes right in your Activity feed. Plan names are displayed with the Requirement or story, as is status details, and pie chart.

Warning for Items Needing Action

Check the **Warning** checkbox in the Activity feed to find items that require action, such as items with no relationships.

Navigation within Help

Access the Atlas Online Help from anywhere in Atlas with the Information icon. Choose Atlas Context Help to open help relevant to the perspective you are currently using or access the Atlas Online Help to view all

topics. The Atlas Online Help contains a table of contents, index, and search, making navigating to any topic convenient and easy.

Video Training Series Available on YouTube

View the Atlas video training series on *YouTube*.

Relationship Diagram

The new Relationship Diagram provides a graphical representation of the relationship between items, allowing you to visualize the relationships for a requirement. It displays not only the top-level relationships, but also allows you to click and follow relationships further down the hierarchy.

Define Project Specific Filters

As you interact with many Projects, you want to define filters that are Project specific. This release provides the ability to define filter specific to each Project, making you results list manageable and succinct.

View and Access Plans from Requirements Grid

The new Plan column in the Requirements Grid allows you to see if a Requirement has been added to a Plan(s). Selecting the plan from the Requirements Grid or the **Plans for Requirement** dialog, opens the plan in view mode. Additionally, you can add the Requirement to a Plan or remove the Requirement from a plan all within the **Plans for Requirement** dialog.

Quickly Save a Snapshot of a Moment in Time Machine

The new Save feature in Time Machine allows you to quickly save the moment you are viewing.

File Name Changes Visible in Compare

When comparing versions, file changes are available in the Files field of the attributes. The comparison tracks when files are added, removed, or names have changed.

Requirements Recycle Bin

Retrieve recently deleted requirements from the Recycle Bin. The Recycle Bin displays the last 50 deleted requirements. To ease your search, use **Find Requirements** or select a month and year to display only the Requirements meeting your criteria. Click the Retrieve icon to replace the requirement within the tree.

Attach Files to Requirements

You can attach any file type to your Requirement. While in the Define perspective, open your Requirement, click the Attachment tab, and browse to your file.

Historical View of Activity Feed

Choose a date to view the Activity Feed at any point in the past for that Project, allowing you to quickly view past changes.

What's New in Borland Connect

1.6

This section lists changes for Borland Connect 1.6.

Atlas Planning and Tracking Suite

Atlas, Borland Hub, Borland Connect and StarTeam Agile are now installed together as part of the new **Atlas Planning and Tracking Suite**.

What's New in Borland Hub

15.0

The following are the new features in this release.

All Components

Search Locale Support

Search is now supported for locales - English, Portugese, Chinese, Japanese, French and German. The indexing process picks up the locale of the machine to decide what analyzer to use.

StarTeam Datamart

The following are the new features for this release of StarTeam Datamart.

Sample Web Reports Support for Oracle

The sample web reports introduced in the last release of StarTeam Datamart now support Oracle.

MPX

The following are the new features for this release of the MPX components.

ActiveMQ MPX

This release introduces ActiveMQ MPX, based on *Apache ActiveMQ* technology, an updated messaging platform that can be used instead of StarTeamMPX (*Tibco SmartSockets*). The MPX and Cache Agent features have been updated with these supporting libraries which will be leveraged going forward to expand and improve upon the platform support of the Borland Hub and its related components. This new technology will be the default messaging platform.

Important: We will continue to support the StarTeamMPX technology. However, server configurations can use one or the other, but not both, platforms. The *Installation Guide* and the *MPX Administration Guides* contain the full implementation details for this feature and what you may need to do. For more information regarding *Tibco SmartSockets* end of support, please refer to *https://support.tibco.com/docs/TIBCOEndofSupportInformation.pdf*.

StarTeam Command Line Tools

The following are the updates for this release of the StarTeam Command Line Tools.

Client Commands

Checkout

- Now supports the `-pattern` parameter. This allows a user to control the date keyword expansion format.

- Now supports the -e parameter. This will throw an exception if `-filter` includes `M`, `G`, or `U` and any of the identified file statuses match `Merge`, `Modified`, or `Unknown`. The thrown exception will prevent all other files from being checked out as well.

Detach-Label If a folder path is specified in `-p`, in conjunction with `-all` or `-type`, then only the items of the appropriate types in that folder path will be detached. Items not in that folder path will be retained.

Label The `label` command now supports updating an existing label.

List-Labels Now takes optional `-d` parameter. If specified, then a list of deleted labels will be generated.

Select

- Now takes an `enhanced-links` parameter. If specified, it generates an enhanced links report, which provides trace visibility across all views in the project for which trace the queried items shares exist. The columns identify revision details of all attached traces to the queried item. The rows identify the attached queried items. The report can span multiple items.
- Now takes `attached-labels` parameter. This parameter produces a report combining all historical revisions of the selected item(s) with the labels attached to each of those revisions. The rows of this report match the label tab details in the client.
- Now takes optional `workspace` parameter. Acts as a constraint on file queries. If specified, it locates *not-in-view* folders and files from the file system (the view path mapped to working folders on disk) and includes them in the report.
- Now includes an `unlabeled-revisions` report that lists historical revisions of selected items that are unlabeled as of the last build.

Starteamserver.exe

-mb This is an optional parameter used when creating a new server configuration. Use the following values to set the type of message broker.

- `0 = None`
- `1 = StarteamMPX`
- `2 = ActiveMQ MPX`

If this value is not specified, the new configuration is configured with ActiveMQ message broker.

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.

Installation

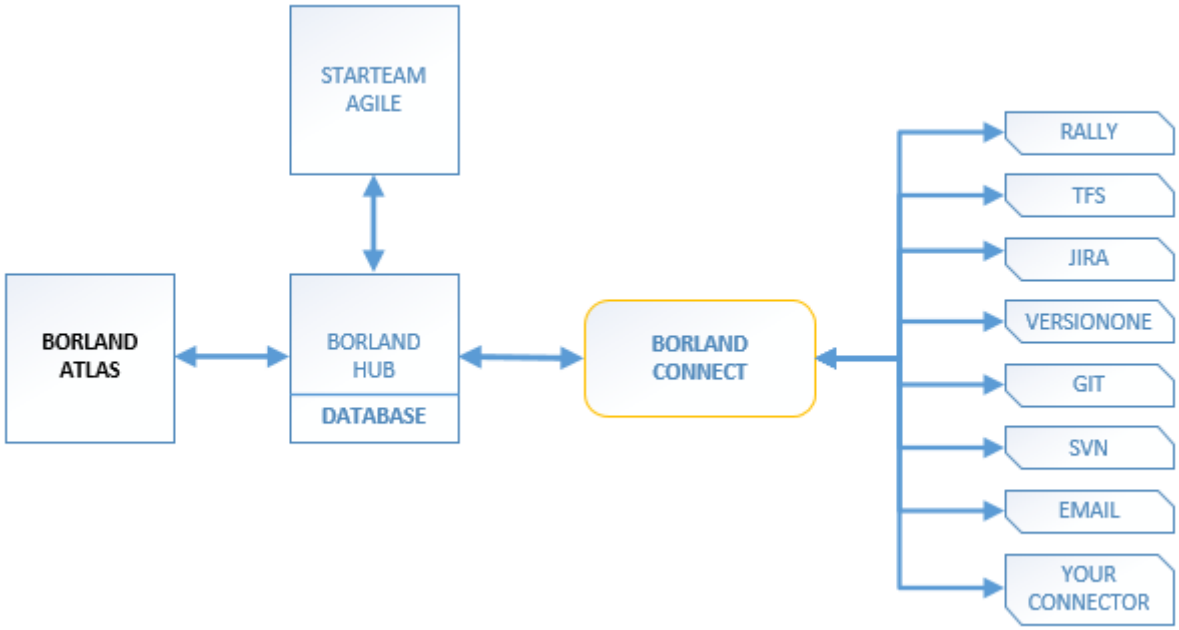
You are about to install the **Atlas Planning and Tracking Suite**. Before proceeding with installation, prepare the following items:

- 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. Afer 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.

Index