**Atlassian SourceTree Information**

Atlassian SourceTree is a free product from Atlassian that allows you to locally track Git and mercurial repositories. It is an interface-based product that replaces the use of the commandline for tracking and adding to repositories. The advantage of SourceTree is that is can be configured to automatically sync with your remote repositories from either Stash or BitBucket. This allows all updates in the baseline code to be readily available. Another advantage of SourceTree is the ability to rapidly create new repositories. In order to create a new repository, you can simple click and drag a target folder onto the SourceTree interface and it creates a new repository for you. Files can also be added to the repository using the same method of simple click and drag.

Additionally, the stash interface includes graphical tools to commit, checkout, add, remove, push and pull files. This streamlines the Git process by allowing for simpler interaction with the software. All of the functionality of Git is now available through a very simple UI. Additionally, SourceTree allows for branching and merging through the simple UI.

**Setting up SourceTree**

SourceTree is a free product available from Atlassian here:

<https://www.sourcetreeapp.com>

The installation is simple; just follow the instructions in the installation wizard. The first time you open SourceTree once it has been installed, it will ask if you would like to sync remotely with Stash or BitBucket. Here you can simply provide your Stash Username, Password, and Stash Instance URL and the two programs will be linked.

Notes:

SourceTree does allow for the use of the commandline for developers who are more comfortable using the Git commandline interface.

When creating a new repository, SourceTree will ask whether you would like to create it locally or remotely. With this feature, SourceTree can host both Development Repositories and local repositories. Additionally, SourceTree can be connected to multiple remote repositories for developers who work on a variety of projects.