

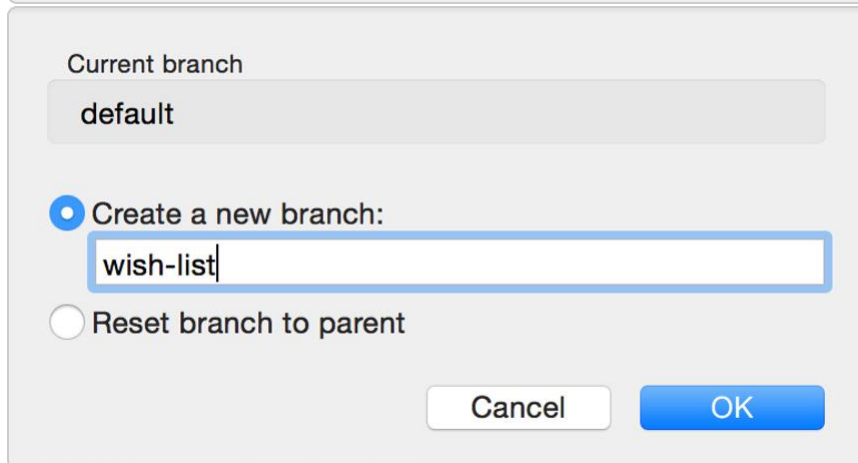
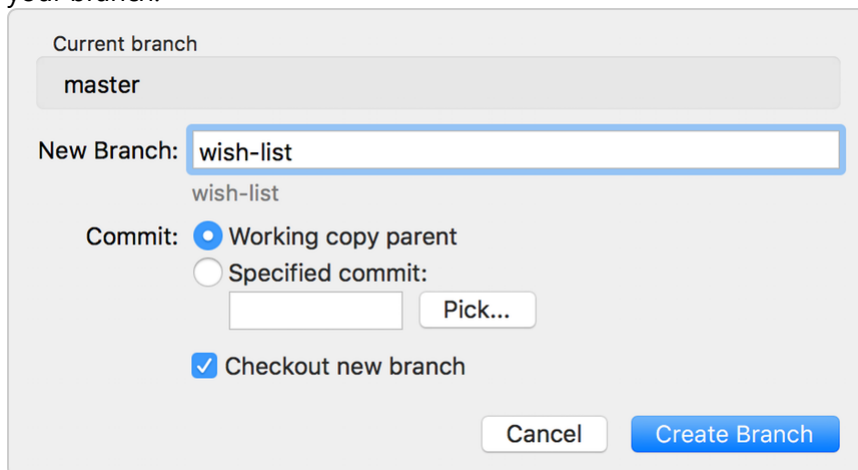
Step 1. Create a branch and make a change

Let's create a branch so that you can list the speakers in your supply requests file. Even though branches work differently between Git and Mercurial, you create them in a similar way from Sourcetree.

1. From Sourcetree, click the **Branch** button.



2. Depending on whether you have a Git or Mercurial repository, you see a different popup for creating a new branch. From the **New Branch** or **Create a new branch** field, enter `wish-list` for the name of your branch.

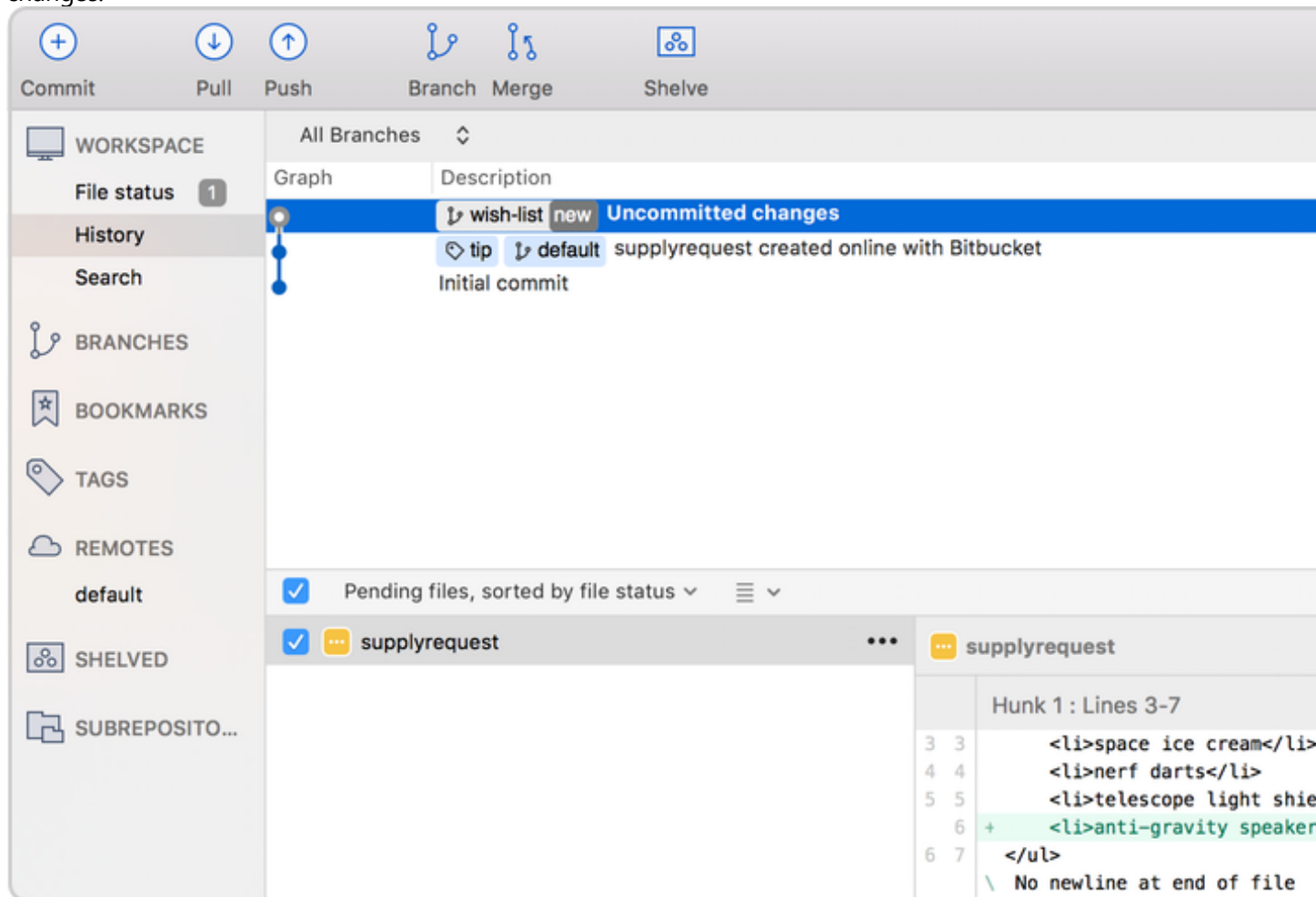


3. Click **Create Branch** or **OK**.

4. From Sourcetree, click the **Show in Finder** button. The directory on your system opens.

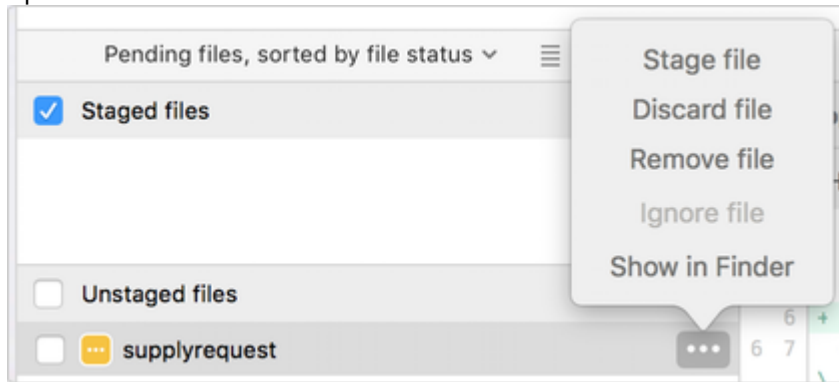


5. From the directory folder, open the `supplyrequest` file with a text editor.
6. Making a change to the file by adding the following item to the list of supplies:
`anti-gravity speakers`
7. Save the file.
8. Open the view in Sourcetree and notice that your repository now has uncommitted changes.

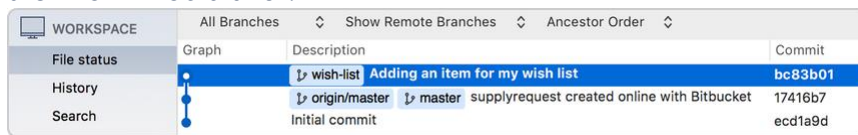


From here, everything you do is the same as you did when you added the `supplyrequest` file and initially committed it.

9. If you have a Git repository, make `supplyrequest` ready to commit by selecting **Stage file** from the options menu.



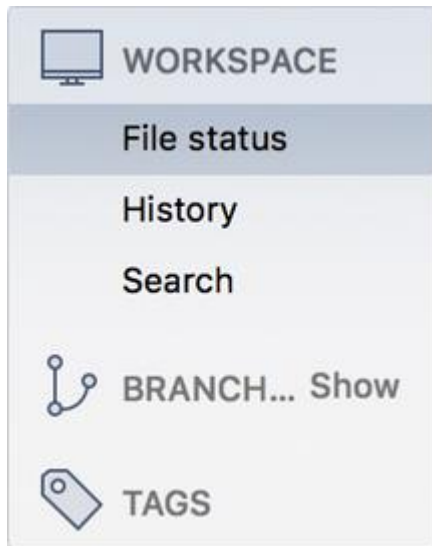
10. Click the **Commit** button at the top to commit the file.
11. In the message box, enter "Adding an item for my wish list."
12. Click the **Commit** button under the box. From Sourcetree, you see that the file has been updated on the `wish-list` branch.



Step 2. Merge file changes from a branch

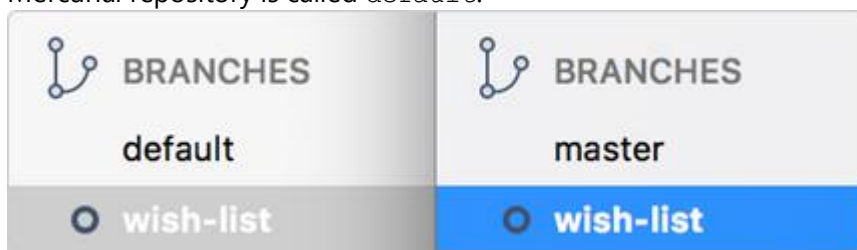
Your speakers were approved! Now it's time to update the main supply list with your wish-list item.

1. First, you want to switch back to the main branch. From the left-side menu items in Sourcetree, hover your mouse over the right side of the **Branches** label so that the word **Show** appears.



2. When **Show** appears, click it.

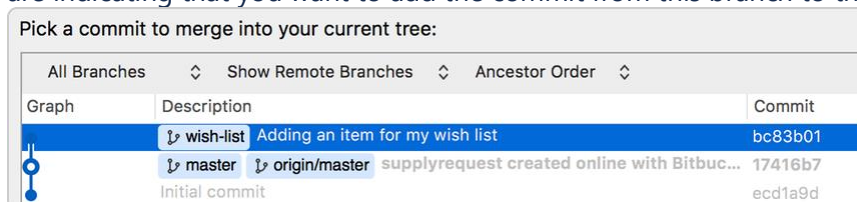
Under the Branches heading, you will see the two branches for this repository, the main branch, and the `wish-list` branch. The main branch for a Git repository is called `master`. The main branch for a Mercurial repository is called `default`.



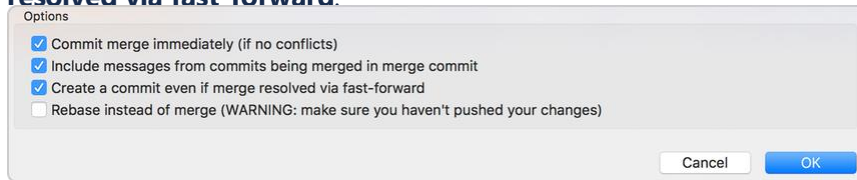
3. Double-click the main branch (in this case `master` for Git or `default` for Mercurial) to switch to that branch.
4. Click the **Merge** button.



5. From the popup that appears, make sure the commit on your `wish-list` branch is highlighted. You are indicating that you want to add the commit from this branch to the main branch.

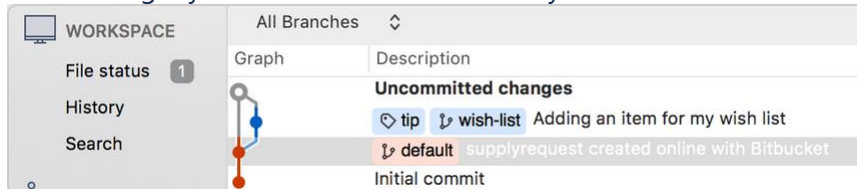


- If you have a Git repository, check this option at the bottom: **Create a commit even if merge resolved via fast-forward.**



- Click **OK**.

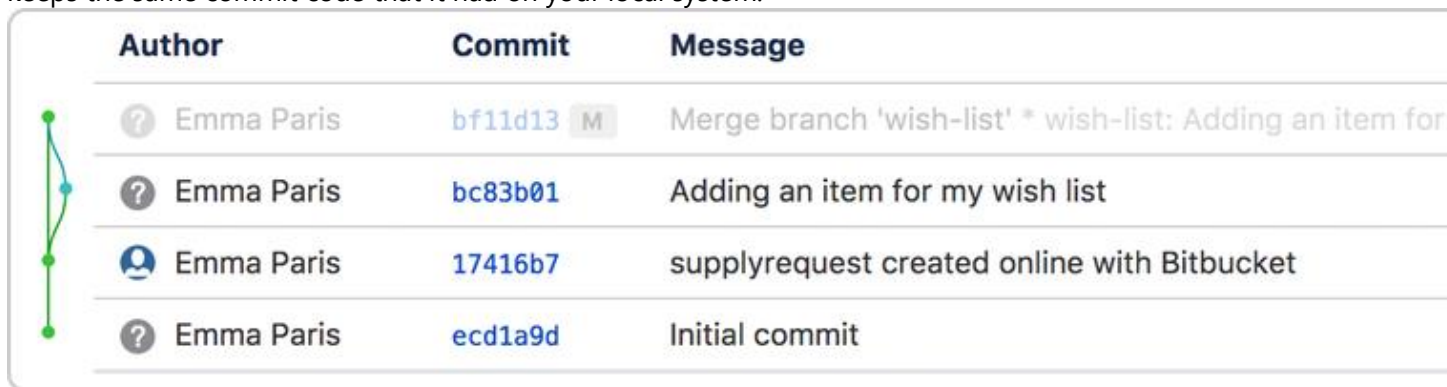
You have updated the `supplyrequest` file in your main branch with your wish-list item. Sourcetree will look slightly different based on whether you have a Git or Mercurial repository.



- If you have a Git repository, you are done. If you have a Mercurial repository, you will notice that you need to commit your changes. Click the **Commit** button at the top. The commit message defaults to a description with "Merge." Keep this message and go ahead and click **Commit**.

Step 3. Push your change to Bitbucket

- From Sourcetree, click the **Push** button to push your committed changes.
- From the dialog box that appears, click the **OK** button to push changes to your local repository.
- Click the **Overview** page of your Bitbucket repository, and notice you can see your push in the **Recent Activity** stream.
- Click **Commits** and you can see the commit you made on your local system. Notice that the change keeps the same commit code that it had on your local system.



Author	Commit	Message
Emma Paris	bf11d13 M	Merge branch 'wish-list' * wish-list: Adding an item for
Emma Paris	bc83b01	Adding an item for my wish list
Emma Paris	17416b7	supplyrequest created online with Bitbucket
Emma Paris	ecd1a9d	Initial commit

- Click **Source**, then click the `supplyrequest` file. You can see the last change to the file has the commit code you just pushed.
- Click the file history list to see the committed changes for this file, as shown in the following image.



bf11d13 8 minutes ago ▾

[Full commit](#)



Emma Paris

16 minutes a...

Adding an item for my wish list



Emma Paris

37 minutes ...

supplyrequest created online with Bitbuc...