

Git Tutorial

A teal banner with the Backlog logo (by nulab) and the Git logo. The text reads: "Backlog lets you manage projects with Git integration". On the right, there is a "Learn more" link with a right-pointing arrow icon. The background features a faint, light-colored diagram of a network or commit history.

backlog by nulab + **git**

Backlog lets you manage projects with Git integration

Learn more →

Push from a cloned repository

Select your PC environment:

Windows

Mac

Command Line

Let's try pushing from the previously cloned repository.

Windows

First, let's add the bold text below to "sample.txt" in the newly cloned directory and commit the change.

```
Git commands even a monkey can understand  
add: Register a change in an index
```

We can see that the history log of our local repository branch has been updated and is now ahead of the remote repository branch.

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The screenshot shows the Git GUI interface. At the top, there is a header bar with a black dot icon, a blue plus icon, and a table of commit information. The table has columns for 'origin/HEAD', 'origin/master', 'first commit', 'yourname', and '2/2/2011...'. Below the header is a large empty rectangular area. Underneath that is a table with five columns: 'Path', 'Extension', 'Status', 'Lines added', and 'Lines removed'. Below the table, there is a status bar that reads: 'Showing 2 revision(s), from revision 085d0cd to revision 79f871e - 1 revision(s) selected, 0 file(s) selected; line: 2(+) 0(-)'. At the bottom, there are several controls: a checkbox for 'Show Whole Project', a checkbox for 'All Branches', a 'Filter paths' input field, a 'Help' button, a 'Refresh' button, a 'Statistics' button, a 'Walk Behaviour' dropdown menu, a 'View' dropdown menu, and an 'OK' button.

Path	Extension	Status	Lines added	Lines removed
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Showing 2 revision(s), from revision 085d0cd to revision 79f871e - 1 revision(s) selected, 0 file(s) selected; line: 2(+) 0(-)

☐ Show Whole Project

☐ All Branches

Filter paths

Help

Refresh

Statistics

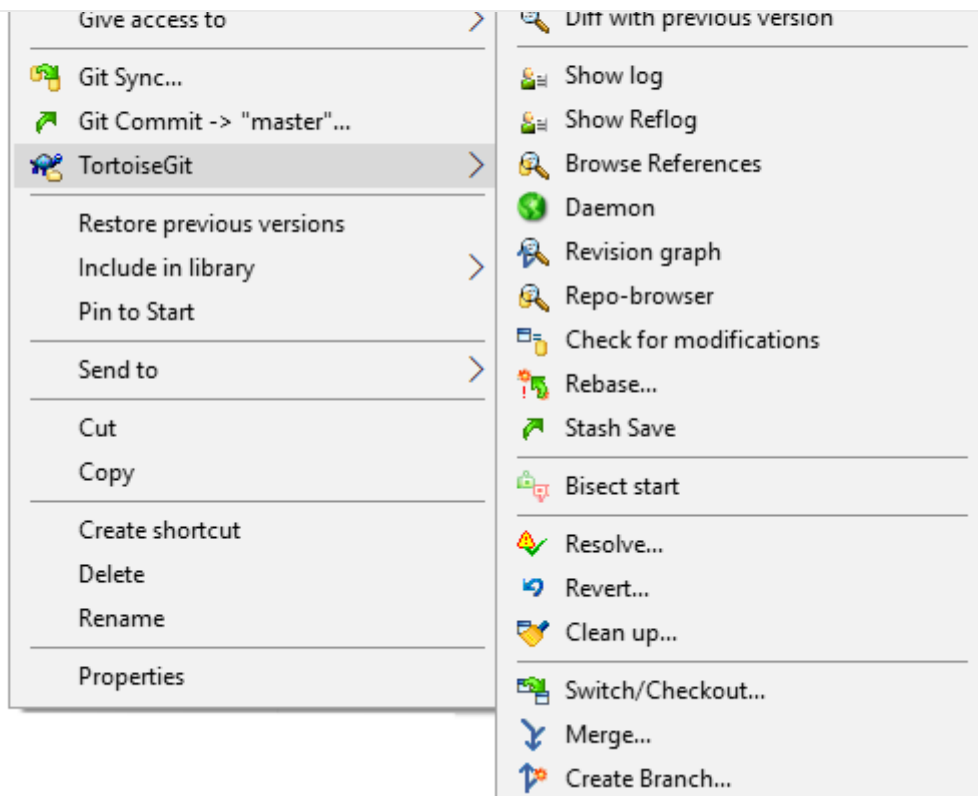
Walk Behaviour ▼

View ▼

OK

Next, let's push this new commit to the remote repository. Right-click on the directory "tutorial2" and click "Push".

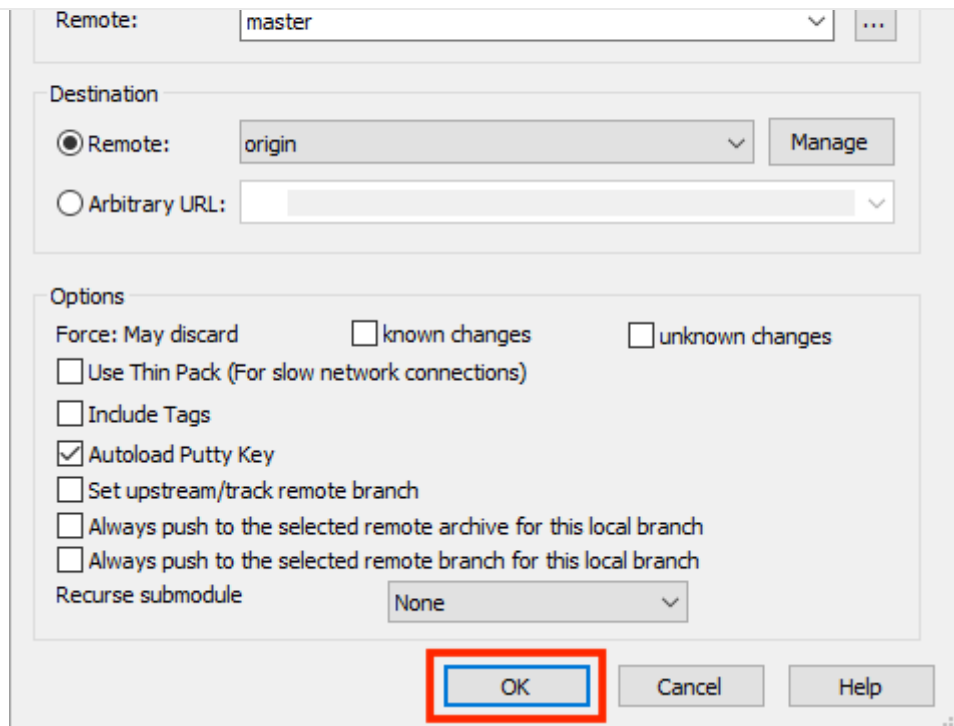
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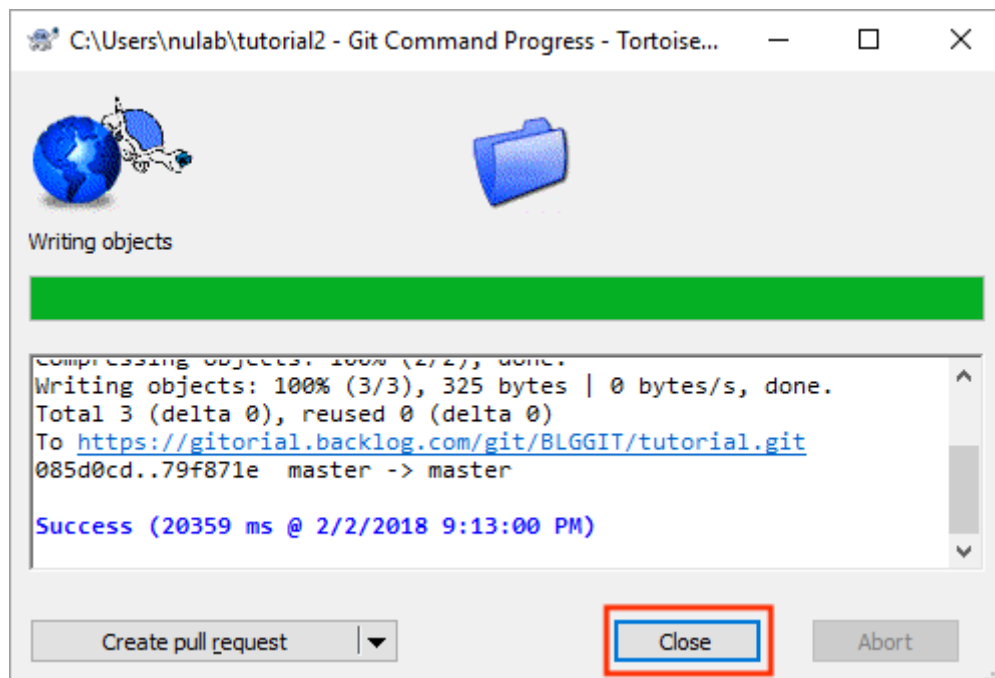
Click "OK" to proceed to the next screen.

Click OK button

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The following screen shows that "Push" is in progress. Once it is complete, click "Close" to finish.



Select TortoiseGit > Display log from the right-click menu. Now "master" and "origin/master" are both on the same level. What that means is that the

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The screenshot shows the Git GUI interface. At the top, there are filters for 'From' and 'To' dates (2/ 2/2018), and a dropdown for 'paths, Authors' with 'Author Email' selected. Below this is a table with columns: Graph, Actions, Message, Author, and Date. The first row shows a commit with the message 'Working tree changes' and the author 'yourname' on '2/2/20...'. The second row shows a commit with the message 'first commit' and the author 'yourname' on '2/2/201...'. A red box highlights the commit details for 'master', 'origin/master', and 'origin/HEAD'. Below the table is a large empty box. At the bottom, there is a table with columns: Path, Extension, Status, Lines added, and Lines removed. Below this table, there is a status bar showing 'Showing 2 revision(s), from revision 085d0cd to revision 79f871e - 1 revision(s) selected, 0 file(s) selected; line: 0(+) 0(-)'. There are also checkboxes for 'Show Whole Project' and 'All Branches', a 'Filter paths' input field, and buttons for 'Refresh', 'Statistics', 'Walk Behaviour', 'View', 'Help', and 'OK'.

NOTE

Let's review the location that each of the following references point.

- **origin/master**


Points to the master branch of "origin" which is typically the remote repository.

- **origin/HEAD**


Refers to the current commit of "origin" which is the remote repository. In most cases, the local repository would always point to the same location as origin/HEAD when performing a clone, which is also the equivalent of origin/master. This won't be the case, however, if you check out to a different remote branch.

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You will now find the newly pushed commit on Backlog. It will be listed under "recent updates" on Backlog's Git page.

 **Recent Updates**

Fri Feb. 02, 2018



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pushed

to **master** at tutorial

Now

Backlog Git (BLGGIT) - tutorial

[513af17879](#) Added description of the add command

[Prev](#)[Next](#)

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