Git

# Git#

Git is a free and open-source distributed version control system designed to handle everything from small to large projects with speed and efficiency.

Credentials

You can find authentication information for this node here.

## Operations#

• Add a file or folder to commit. Performs a git add.

• Add Config: Add configuration property. Performs a git config set or add.

• Clone a repository: Performs a git clone.

• Commit files or folders to git. Performs a git commit.

• Fetch from remote repository. Performs a git fetch.

• List Config: Return current configuration. Performs a git config query.

• Log: Return git commit history. Performs a git log.

• Pull from remote repository: Performs a git pull.

• Push to remote repository: Performs a git push.

• Push Tags to remote repository: Performs a git push --tags.

• Return Status of current repository: Performs a git status.

• Create a new Tag: Performs a git tag.

• User Setup: Set the user.

Refer to the sections below for more details on the parameters and options for each operation.

## Add#

Configure this operation with these parameters:

• Repository Path: Enter the local path of the git repository.

• Paths to Add: Enter a comma-separated list of paths of files or folders to add in this field. You can use absolute paths or relative paths from the Repository Path.

## Add Config#

Configure this operation with these parameters:

• Repository Path: Enter the local path of the git repository.

• Key: Enter the name of the key to set.

• Value: Enter the value of the key to set.

### Add Config options#

The add config operation adds the Mode option. Choose whether to Set or Append the setting in the local config.

## Clone#

Configure this operation with these parameters:

• Repository Path: Enter the local path of the git repository.

• Authentication: Select Authenticate to pass credentials in. Select None to not use authentication.  
Credential for Git: If you select Authenticate, you must select or create credentials for the node to use. Refer to Git credential for more information.

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• New Repository Path: Enter the local path where you'd like to locate the cloned repository.

• Source Repository: Enter the URL or path of the repository you want to clone.

## Commit#

Configure this operation with these parameters:

• Repository Path: Enter the local path of the git repository.

• Message: Enter the commit message to use in this field.

### Commit options#

The commit operation adds the Paths to Add option. To commit all "added" files and folders, leave this field blank. To commit specific "added" files and folders, enter a comma-separated list of paths of files or folders in this field.

You can use absolute paths or relative paths from the Repository Path.

## Fetch#

This operation only prompts you to enter the local path of the git repository in the Repository Path parameter.

## List Config#

This operation only prompts you to enter the local path of the git repository in the Repository Path parameter.

## Log#

Configure this operation with these parameters:

• Repository Path: Enter the local path of the git repository.

• Return All: When turned on, the node will return all results. When turned off, the node will return results up to the set Limit.

• Limit: Only available when you turn off Return All. Enter the maximum number of results to return.

### Log options#

The log operation adds the File option. Enter the path of a file or folder to get the history of in this field.

You can use absolute paths or relative paths from the Repository Path.

## Pull#

This operation only prompts you to enter the local path of the git repository in the Repository Path parameter.

## Push#

Configure this operation with these parameters:

• Repository Path: Enter the local path of the git repository.

• Authentication: Select Authenticate to pass credentials in or None to not use authentication.  
If you select Authenticate, you must select or create Credential for Git for the node to use. Refer to Git credential for more information.

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### Push options#

The push operation adds the Target Repository option. Enter the URL or path of the repository to push to in this field.

## Push Tags#

This operation only prompts you to enter the local path of the git repository in the Repository Path parameter.

## Status#

This operation only prompts you to enter the local path of the git repository in the Repository Path parameter.

## Tag#

Configure this operation with these parameters:

• Repository Path: Enter the local path of the git repository.

• Name: Enter the name of the tag to create in this field.

## User Setup#

This operation only prompts you to enter the local path of the git repository in the Repository Path parameter.

## Templates and examples#

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