```
arjun@66c459cb7f2a51a:~$ sudo apt-get install git-svn
[sudo] password for arjun:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git-svn is already the newest version (1:2.43.0-1ubuntu7.2).
0 upgraded, 0 newly installed, 0 to remove and 24 not upgraded.
```

```
arjun@66c459cb7f2a51a:~$ pwd
/home/arjun
arjun@66c459cb7f2a51a:~$ sudo svn --version
svn, version 1.14.3 (r1914484)
   compiled Apr  1 2024, 04:55:49 on x86_64-pc-linux-gnu
```

```
arjun@66c459cb7f2a51a:~$ sudo apt-get install git-svn
[sudo] password for arjun:
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arjun@66c459cb7f2a51a:~$ pwd
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svn, version 1.14.3 (r1914484)
   compiled Apr  1 2024, 04:55:49 on x86_64-pc-linux-gnu
```

```
arjun@66c459cb7f2a51a:~$ mkdir new-git-repo
arjun@66c459cb7f2a51a:~$ cd new-git-repo
```

```
arjun@66c459cb7f2a51a:~/new-git-repo$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/arjun/new-git-repo/.git/
```

```
arjun@66c459cb7f2a51a:~$ sudo apt install subversion
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
subversion is already the newest version (1.14.3-1build4).
0 upgraded, 0 newly installed, 0 to remove and 24 not upgraded.
arjun@66c459cb7f2a51a:~$ svnadmin create my-svn-repo
arjun@66c459cb7f2a51a:~$
arjun@66c459cb7f2a51a:~$
arjun@66c459cb7f2a51a:~$
arjun@66c459cb7f2a51a:~$
arjun@66c459cb7f2a51a:~$ svn mkdir file:///home/arjun/my-svn-repo/trun
al Structure"
Committing transaction...
Committed revision 1.
arjun@66c459cb7f2a51a:~$ mkdir /home/arjun/my-working-copy
arjun@66c459cb7f2a51a:~$ cd /home/arjun/my-working-copy
```

```
nmod: cannot access /home/arjun/my-sv-repo : No such file or directory
arjun@66c459cb7f2a51a:~/my-working-copy$ svnadmin create /home/arjun/my-sv-repo
arjun@66c459cb7f2a51a:~/my-working-copy$ svn mkdir file:///home/arjun/my-sv-repo/trunk -m "Creating trunk"
Committing transaction...
Committed revision 1.
```

```
arjun@66c459cb7f2a51a:~/my-working-copy$ svn checkout file:///home/arjun/my-sv-repo/trunk /home/arjun/my-working-copy
Checked out revision 1.
arjun@66c459cb7f2a51a:~/my-working-copy$ echo "This is a text file" > test-file.txt
arjun@66c459cb7f2a51a:~/my-working-copy$ svn add test-file.txt
A         test-file.txt
arjun@66c459cb7f2a51a:~/my-working-copy$ svn status
A       test-file.txt
arjun@66c459cb7f2a51a:~/my-working-copy$ svn commit -m "added test-file.txt"
Adding         test-file.txt
Transmitting file data .done
Committing transaction...
Committed revision 2.
arjun@66c459cb7f2a51a:~/my-working-copy$ svn log file:///home/arjun/my-svn-repo
------------------------------------------------------------------------
r1 | arjun | 2025-01-31 04:53:23 +0000 (Fri, 31 Jan 2025) | 1 line

Initial Structure
------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
arjun@66c459cb7f2a51a:~/my-working-copy$ echo "Another change" >> file.txt
arjun@66c459cb7f2a51a:~/my-working-copy$ svn add file.txt
A         file.txt
arjun@66c459cb7f2a51a:~/my-working-copy$ svn commit -m "made changes to file.txt"
Adding         file.txt
Transmitting file data .done
Committing transaction...
Committed revision 3.
arjun@66c459cb7f2a51a:~/my-working-copy$ svn log file:///home/arjun/my-svn-repo
------------------------------------------------------------------------
r1 | arjun | 2025-01-31 04:53:23 +0000 (Fri, 31 Jan 2025) | 1 line

Initial Structure
------------------------------------------------------------------------
```

```
arjun@66c459cb7f2a51a:~/my-working-copy$ svn import /home/arjun/my-working-copy file:///home/arjun/my-svn-repo/trunk -m "Initial commit"
Skipped '.svn/.svn'
Adding         file.txt
Adding         test-file.txt
Committing transaction...
Committed revision 2.
arjun@66c459cb7f2a51a:~/my-working-copy$ svn log file:///home/arjun/my-svn-repo
------------------------------------------------------------------------
r2 | arjun | 2025-01-31 05:08:48 +0000 (Fri, 31 Jan 2025) | 1 line

Initial commit
------------------------------------------------------------------------
r1 | arjun | 2025-01-31 04:53:23 +0000 (Fri, 31 Jan 2025) | 1 line

Initial Structure
------------------------------------------------------------------------
```

```
arjun@66c459cb7f2a51a:~/my-working-copy$ svn list file:///home/arjun/my-svn-repo/trunk
file.txt
test-file.txt
arjun@66c459cb7f2a51a:~/my-working-copy$ git svn clone file:///home/arjun/my-svn-repo --stdlayout /home/arjun/new-git-repo
r1 = 87d9c3bed0f926805e4dd9c7a9c06194945f528d (refs/remotes/origin/trunk)
        A       file.txt
        A       test-file.txt
r2 = 5a9422e445feef579e7cae93731e1b44e88c7488 (refs/remotes/origin/trunk)
Checked out HEAD:
  file:///home/arjun/my-svn-repo/trunk r2
arjun@66c459cb7f2a51a:~/my-working-copy$ _
```

```
arjun@66c459cb7f2a51a:~/new-git-repo$ git commit -m "Initial COMMIT"
On branch master
nothing to commit, working tree clean
arjun@66c459cb7f2a51a:~/new-git-repo$ git log
commit 5a9422e445feef579e7cae93731e1b44e88c7488 (HEAD -> master, origin/trunk)
Author: arjun <arjun@8533b10a-be57-41dc-9833-364d69618287>
Date:   Fri Jan 31 05:08:48 2025 +0000

    Initial commit

    git-svn-id: file:///home/arjun/my-svn-repo/trunk@2 8533b10a-be57-41dc-9833-364d69618287

commit 87d9c3bed0f926805e4dd9c7a9c06194945f528d
Author: arjun <arjun@8533b10a-be57-41dc-9833-364d69618287>
Date:   Fri Jan 31 04:53:23 2025 +0000

    Initial Structure

    git-svn-id: file:///home/arjun/my-svn-repo/trunk@1 8533b10a-be57-41dc-9833-364d69618287
arjun@66c459cb7f2a51a:~/new-git-repo$ git svn info
Path: .
URL: file:///home/arjun/my-svn-repo/trunk
Repository Root: file:///home/arjun/my-svn-repo
Repository UUID: 8533b10a-be57-41dc-9833-364d69618287
Revision: 2
Node Kind: directory
Schedule: normal
Last Changed Author: arjun
Last Changed Rev: 2
Last Changed Date: 2025-01-31 05:08:48 +0000 (Fri, 31 Jan 2025)

arjun@66c459cb7f2a51a:~/new-git-repo$
```

Pushing from local repo to Github:

```
arjun@66c459cb7f2a51a:~/my-working-copy$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:    git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:    git branch -m <name>
Initialized empty Git repository in /home/arjun/my-working-copy/.git/
arjun@66c459cb7f2a51a:~/my-working-copy$ git add .
```

```
arjun@66c459cb7f2a51a:~/my-working-copy$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .svn/entries
        new file:   .svn/format
        new file:   .svn/pristine/20/202712ad248cc7617ffdcc6991358bf98debcb25.svn-base
        new file:   .svn/pristine/9a/9a58f5559ce5f062592e7f1664c0bedc0d85b842.svn-base
        new file:   .svn/wc.db
        new file:   .svn/wc.db-journal
        new file:   file.txt
        new file:   test-file.txt
```

```
arjun@66c459cb7f2a51a:~/my-working-copy$ git remote add origin https://github.com/arjunkoppineni/svn-repo.git
arjun@66c459cb7f2a51a:~/my-working-copy$ git commit -m "first commit"
[master (root-commit) fb869b4] first commit
 Committer: Arjun <arjun@66c459cb7f2a51a.>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 8 files changed, 6 insertions(+)
 create mode 100644 .svn/entries
 create mode 100644 .svn/format
 create mode 100644 .svn/pristine/20/202712ad248cc7617ffdcc6991358bf98debcb25.svn-base
 create mode 100644 .svn/pristine/9a/9a58f5559ce5f062592e7f1664c0bedc0d85b842.svn-base
 create mode 100644 .svn/wc.db
 create mode 100644 .svn/wc.db-journal
 create mode 100644 file.txt
 create mode 100644 test-file.txt
```

```
arjun@66c459cb7f2a51a:~/my-working-copy$ git remote set-url origin https://arjunkoppineni: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@github.com/arjunkoppineni/
svn-repo.git
arjun@66c459cb7f2a51a:~/my-working-copy$ git push origin master
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 4 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (11/11), 3.87 KiB | 1.29 MiB/s, done.
Total 11 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/arjunkoppineni/svn-repo.git
 * [new branch]      master -> master
arjun@66c459cb7f2a51a:~/my-working-copy$
```