

SSH Tips and Tricks

BV

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1 SFTP

1.1 Emacs TRAMP

Unfortunately, TRAMP doesn't support sftp.

1.2 GNOME/Nautilus

For drag-and-drop type functionality you can make the GNOME Nautilus file browser "see" an sftp server.

You can use the Gnome "Places->Connect to server" dialog to have Nautilus access an sftp site. Simply choose type "SSH" and fill in the fields.

You can do this on an ad-hoc bases by typing "`sftp://user@server/path/`" into the "Location" entry of any Nautilus file-system browser window. Type `Ctrl-L` to get this entry.

You can make an icon on the desktop to capture this as well. Right-click on the desktop, "Create Launcher" and use type location. Use the same `sftp://` URL in the "Location" field as above.

1.2.1 Caveats

- apparently, folder-to-folder copies where both folders are on sftp fails.

1.3 SSHFS

For regular POSIX `cd/ls` type access you can mount an sftp server with SSHFS. Make sure your user is in the group `fuse`, make a mount point, mount it, use it, and unmount it like this example:

```
$ mkdir ~/mnt/www/bviren
$ sshfs bviren@www.phy.bnl.gov:/ ~/mnt/www/bviren
```

```
$ ls ~/mnt/www/bviren
www.andy.bnl.gov  www.cosmo.bnl.gov
www.phy.bnl.gov  www.throwe.bnl.gov
$ fusermount -u ~/mnt/www/bviren
```