

Git Repository

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Overview

There is now a Git repository on [Technology Nursery](#) for use by TSSG members. The git server was created using Carlos Bernárdez's [git-server-docker](#) image. To access the repository, [send me](#) your SSH public key by attaching it to an email.

Instructions on locating or creating your SSH public key can be found in [Connecting to GitHub with SSH](#).

Step-by-step guides

Prerequisites

- Send ssh public key to ralph@navarrocomputing.com
[Ralph A. Navarro Jr.](#) will let you know when your ssh key has been posted to the git server.

Verify access to git server

- ```
ssh git@technologynursery.org -p 2222
```

  

```
...
Welcome to git-server-docker!
You've successfully authenticated, but I do not
provide interactive shell access.
...
```

### Refreshing your ssh cached entry for our git server

Our git-server had been upgraded back on 2018-12-05. This caused a change in the server's private key. If you haven't connected to the server since then, your ssh will complain about the server's identity not matching that in the known\_hosts file.

1. Clear out your known\_hosts file of the invalid server certificate entries:
  - a. `ssh-keygen -R technologynursery.org`
  - b. `ssh-keygen -R [technologynursery.org]:2222`
2. Follow the steps within [Verify access to git server](#).

### How to create a new repository

- `cd myrepo`
- `git init --shared=true`
- `git add .`
- `git commit -m "my first commit"`
- `cd ..`
- `git clone --bare myrepo myrepo.git`

### List available repositories

Must have a user account on server s14.

- ssh s14 "ls /home/ralph/Projects/git-server/repos/"
  - jenkinsJobs.git
  - LeaseLine.git
  - tssgTechBackup.git
  - **tssgTech.git**
  - tssgTechOriginal.git
  - tssgTechPoc.git
  - tssgWebflow.git

## How to upload (publish) a repository

Must have a user account on server s14.

- `scp -r myrepo.git <user>@technologynursery.org:/home/ralph/Projects/git-server/repos`

## How to clone a repository to your local machine

### Prerequisites

- Your SSH public key must have been posted to Git Server
- Add this to `~/.ssh/config`

#### `~/.ssh/config`

```
Host g14 tssg
Hostname technologynursery.org
Port 2222
User git
```

### Clone Examples

Execute these in the directory in which you wish to base your local repository (example: `~/Projects`)

- `git clone ssh://git@technologynursery.org:2222/git-server/repos/tssgTech.git`

or

- `git clone ssh://tssg/git-server/repos/tssgTech.git`

or

- `git clone ssh://g14/git-server/repos/tssgTech.git`



#### Currently Available Git Repositories

On 2020-05-19, these are the available repositories on our remote, private, git server:

- **LeaseLine.git:** [Ralph A. Navarro Jr.](#) mobile application to assist drawing the line on automobile lease costs.
- **tssgTech.git:** Web Project's tssg.tech web site.
- **tssgTechBackup.git:**
- **tssgTechOriginal.git:**
- **tssgTechPoc.git:**
- **tssgWebflow.git:**
- **jenkinsJobs:** Backups of changed Jenkins Jobs are committed every week on Wednesday at about 01:35 AM

## Related articles

### Content by label

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