

# Sharing code at SLAC

We will use git. There is a lot of documentation on the web, so it should be easy to get help if you are stuck.

## First time checkout

To get started, please run

- `git clone /nfs/slac/g/lcd/ilc_data4/DBD/repository/ ZGamma_analysis`
- `cd ZGamma_analysis`

Then copy the files that you have already created (only the code, not the stdhep files and not the ROOT files) to this directory.

- `cp /path/to/source.py /path/to/analysis.C /path/to/whizardinput.sin .`
- `git add *.*`
- `git commit -m "first commit"`
- `git push`

## I made some changes to my code and want to share it

- `git status` # this shows you the files that were changed. If you have created new files, add them with "git add <filename.ext>"
- `git commit -am "I changed the fit shape to a double Gaussian"` # use a meaningful message
- `git push`

## Somebody else made some changes, and I would like to get them

- `git pull` # to get the changes
- `git log` # to read the messages about the changes