

DEMO / Lab 5: Commit Signing with GPG

1. Start with the usual:

```
git clone https://github.com/kendrick-walls-work/git-lab-5 ./lab5
cd ./lab5
git branch codesign-$USER
```

2. Generate a GPG key to use. *(Caveat: Requires GPG installed)*

```
gpg --expert --full-generate-key
gpg --edit-key KEYID
```

3. Now configure the repo

```
git config --local --bool commit.gpgSign true
git config --local user.signingKey 0x KEYID
export GPG_TTY=$(tty)
gpgconf --kill gpg-agent
```

4. Now create a commit to sign

```
echo "This is part of a signed commit." > ./commitsigned.txt
git add ./commitsigned.txt
git commit -m "GPG sign the commit."
git log --show-signature
```

5. Sync your changes to github

```
git push
```