

# Git

## Aliases

```
git config --global user.name "<full name>"  
git config --global user.email "<email address>"  
git config --global alias.co checkout  
git config --global alias.br branch  
git config --global alias.ci commit  
git config --global alias.st status
```

## Credential Helper for HTTPS Upstreams

1. Go to the Git repository folder
2. `git config credential.helper store`
3. Credentials are stored when the user logs in the next time

## Git Submodules

### Add submodule

```
git clone git@github.com:thomai/submodule-main.git  
cd submodule-main  
git submodule add git@github.com:thomai/submodule-test1.git  
git submodule add git@github.com:thomai/submodule-test2.git  
git add .  
git ci -m "Added submodules"
```

### Update submodule to recent commit on branch

```
cd submodule-main  
cd submodule-test1  
git pull  
cd ../  
git add .  
git ci -m "Updated submodule-test1"  
git push
```

### Pull Submodule recursively

```
`git pull --recurse-submodules`
```

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