

# Cheat sheet: git

## Global configuration

```
git config --global user.name ...
git config --global user.email ...
git config --list
```

## Creating repository

```
git init          Local repository
git clone URL     Cloning from URL
```

## Checking status

```
git status
```

## Adding / staging files

```
git add files
git add -u       Stage updated files
```

## Renaming / removing files

```
git mv old new
git rm file
```

## Committing stage

```
git commit [-m "message"]
```

## Inspecting logs

```
git log [--oneline]
```

## Inspecting differences

```
git diff [revA [revB]] [--] [file]
git difftool
```

## Checking out previous versions

```
git checkout commit/tag/branch
git checkout -b newbranch
```

## Undo local changes/staging

```
git restore file
git restore --staged file
```

## Tagging / listing tags

```
git tag [tag]
```

# Cheat sheet: Virtual Python environment

## Creating new virtual environment

```
python3 -m venv directory
```

## Activating existing virtual env.

```
source directory/bin/activate
```

## Installing packages

```
pip install packagename
```