

Stanford Data Journalism VM

This Xubuntu virtual machine includes software used in data journalism courses at [Stanford](#).

Below is a partial list of software available on this machine:

- [Atom](#) for code editing
- [QGIS](#) for geospatial analysis
- [Postgres](#) and [SQLite](#) databases
- [git](#) for software version control
- Python 3.7 and [pipenv](#)
- [R](#) and [RStudio](#)
- Command-line tools:
 - [csvkit](#) for wrangling data
 - [datakit](#) for automating analysis workflows

Setup

- Create a [GitHub](#) account if you don't already have one.
- Open a bash shell by clicking the `Terminal Emulator` icon on the Desktop.
- Run the following code in the shell:

```
python ~/setup/configure_system.py
```

- [Add your ssh key to GitHub](#)
- [Generate a GitHub personal API token](#)
- Add the GitHub API token to `~/.datakit/plugins/datakit-github/config.json`

User/Password

The VM's user and password are both `stanford`.

The system is configured not to require a login.

However, you will need this password when installing software through the graphical software manager or on the command line. For example:

```
sudo apt-get install tree
```

Detailed technical info

Details on how this VM was created are [on GitHub](#). For a full list of software added to this machine, see the [bootstrap](#) and [configuration](#) scripts.