

To use Github as repository for source-code development utilizing Qt IDE. We need to Clone Github directory with Source Code.

For directions see notes below or video here: <https://www.youtube.com/watch?v=qlPSV7Bs3rE>

1) create a directory to put it in in your home folder; for this example we'll create a folder called git
//note '\$' signifies the prompt on Linux command line; so type everything but that. Assumes you're currently in ~/home directory

```
$ mkdir git
```

```
$ cd git
```

```
$ git clone https://github.com/Cotton-Engineering/Plastic-Contamination
```

then open up Qt and open up *.pro file in sub-directory ~/home/git/Plastic-Contamination/Src/

Take default build options and click on "Configure Project" tab and that's it; you should now be able to build and run the project by clicking on one of the large green arrows.

If you want to use Github for versioning control; watch video noted above, with the addition that you want to follow these steps first to setup Git via cmd line

2) before you open up Qt for use with versioning control; you need to setup Git using cmd line options
// note there are 2 dashes before global option

```
$ git config --global user.email "mathew.pelletier@ars.usda.gov"
```

```
$ git config --global user.name "Mathew Pelletier"
```