**Quick References:**

* Google Code Project URL:
  + https://code.google.com/p/helena-robotics/
* Google Groups Mailing List:
  + helena-robotics-coders@googlegroups.com
* Google Account Setup
  + https://www.google.com/accounts/NewAccount
* Git for Windows:
  + http://code.google.com/p/msysgit/
* RobotC:
  + http://www.robotc.net/ftc
* Nate’s contact information
  + Email: nate@yogotech.com
  + Phone: 431-9242

**Steps to get started:**

Required Software:

* RobotC - Version 3.5 or later – Windows only (or Virtualbox/Parallels on Mac)!
* Git for Windows – Version 1.7.11-preview (or later)
* Internet (HTTPS) access
* Google Account (for modify access, not required)

**Install RobotC:**

* Download and install using defaults from above website
* Enable trial license and/or obtain a valid license from Mr. Miller
  + Choose Help -> Manage Licenses -> Add License

**Install Git for Windows:**

* Download and install using defaults from website

**Setup Google Account:**

* If you don’t already have a google account, set one up to get write access to the GIT source repository which is only required if you want to make changes, not required to download or modify the programs locally.

**Checkout Projects using GIT:**

* Startup Git
  + Click on the Git Bash Icon on your Desktop

Welcome to Git (version 1.7 …)

….

$

* + Create a new directory for your project, and change to that directory

**$ mkdir FTC2012**

**$ cd FTC2012**

* + Checkout project using instructions on google code homepage

$ **git clone https://code.google.com/p/helena-robotics**

Verify checkout

$ **cd helena-robotics**

$ **ls SimpleExamples**

* + Congratulations, you’re now able to keep track of all the changes that are made.

**Compile example project**

* Startup RobotC
  + Click on the RobotC Icon on Desktop
* Select Example project
  + File -> Open and Compile
  + Brower to C:\Users\{WindowsUsername}\FTC2012\helena-robotics\SimpleExamples
  + Open the file TwoMotor\_Teleop\_v1.c
  + At this point, it **may** complain about the wrong platform. To fix this,
    - Select Robot -> Platform Type -> Lego Mindstorms NXT + Tetrix/Matrix
    - Select Robot -> Compile Program (or press F7)
  + Wait for compile to finish
  + Congratulations, you can now compile software from last year!

**Next Steps:**

* Send email to natewill@gmail.com for the following:
  + If you would like to make changes to the source code that all will be using. Please include your google code account information (I do not need your password!)
    - Note, to view the source code you do NOT need to send me an email. Only those team members who will be writing and updating source code need to provide their account
  + If you want to get on the mailing list for low-level source code discussions, send me an email and I will add you to the list.
    - Note, members of this mailing list will get notifications anytime any team member makes changes to the source code.
    - We can setup additional mailing list as necessary
* That’s it for now. During meetings later this year we can discuss the use of GIT, guidelines for making changes to the shared source code, organizing the repository to support multiple teams, as well as answer any other questions you may have.