TestRig Install

# TestRig Installation

In order to install the automation test software, TestRig, follow the steps below:

1. Obtain the latest code snapshot of the SamTest branch from GitHub
2. Run the installation file SamTest\Automated Testing Software\TestRig install\setup.exe
3. Run the TestRig program and go to the “Test Settings” tab.
4. Modify the TestRig paths to match your system:
   1. OpenOCD – Interface : (i.e. SamTest\openocd-bin\interface\olimex-arm-usb-tiny-h.cfg)
   2. OpenOCD – Target : (i.e. SamTest\openocd-bin\target\stm32xl.cfg)
   3. OpenOCD – Exe : (i.e. SamTest\openocd-bin\openocd.exe)
   4. Build Environment – CodeSourcery Path : (i.e. SamTest\codesourcery)
   5. Build Environment – MF Installation Path : (i.e. DotNet-MF\MicroFrameworkPK\_v4\_0)
   6. Test Tool Paths – Git Path : (i.e. SamTest\Automated Testing Software\GitBin)
   7. Test Tool Paths – Test Source Path : (i.e. TestSys)
   8. Test Receipt – Test Receipt Path : path of your choice (i.e. Test\Receipts)
5. Close the executable to save the path changes to your system

# Additional Items

You will need to also do the following:

1. JTAG hooked up to the device under test
2. Logic analyzer hooked up to the device under test GPIO output
3. Matlab installed on your system
4. Micro framework SDK installed on your system
5. Git configured on your system (can be run from ‘cmd’ prompt in the directory, ‘SamTest\Automated Testing Software\GitBin\cmd’)
   1. git config –global user.name “Your name here”
   2. git config –global user.email [your\_email@youremail.com](mailto:your_email@youremail.com)
   3. Follow the directions on the website: <https://help.github.com/articles/generating-ssh-keys> to generate an ssh key