Getting started with OpenOCD Development

Checkout OpenOCD sources:

Clone git repository. This will create a folder called openocd-src:

```
git clone --depth 1 git://git.code.sf.net/p/openocd/code openocd-src
```

Install dependency packages for OpenOCD build:

```
sudo apt build-dep openocd
```

If you see an error like:

```
E: You must put some 'source' URIs in your sources.list
Then add or uncomment src-deb repositories to /etc/apt/sources.list
```

```
sudo apt update
sudo apt build-dep openocd
```

Build OpenOCD from source:

```
cd openocd-src

# OpenOCD bootstrap, configure and make.
# We are going to enable ftdi and CMSIS DAP interfaces.
# Please run ./configure --help for available options.
# For debug info and unoptimized code run:
# ./configure CFLAGS='--O0 -g3' --enable-ftdi --enable-cmsis-dap

./bootstrap
./configure --enable-ftdi --enable-cmsis-dap
make

# To install OpenOCD run: sudo make install
# Also copy openocd-src/contrib/60-openocd.rules to /etc/udev/rules.d/
```