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01.Install dependencies
02. set environment variables
03.build llvm-3.4
04.build Z3
05.build uclibc and the POSIX environment model
06.build klee

```

01.Install dependencies

```

1. sudo apt-get install libc6-dev-i386 gcc-4.8-multilib g++-4.8-multilib
2. sudo apt-get install g++ curl dejagnu subversion build-essential curl git bison flex bc libcap-dev
3. sudo apt-get install git cmake libboost-all-dev libncurses5-dev python-minimal python-pip unzip

```

02. set environment variables

add in /etc/profile

```

1. export C_INCLUDE_PATH=/usr/include/x86_64-linux-gnu
2. export CPLUS_INCLUDE_PATH=/usr/include/x86_64-linux-gnu

```

03.build llvm-3.4

```

1. cd llvm-3.4
2. ./configure --enable-optimized --enable-assertion
3. make -j $(grep -c processor /proc/cpuinfo)
4. sudo make install
5. cd ..

```

04.build Z3

```

1. cd z3
2. ./configure
3. cd ./build/
4. make -j $(grep -c processor /proc/cpuinfo)
5. sudo make install
6. cd ../../

```

05.build uclibc and the POSIX environment model

```

1. cd klee-uclibc
2. ./configure --make-llvm-lib
3. make -j $(grep -c processor /proc/cpuinfo)
4. cd ..

```

06.build klee

```

1. cd klee-master
2. ./configure --with-z3=/usr/ --with-uclibc=/home/zhy/work/base/klee-uclibc --enable-posix-runtime
3. make -j $(grep -c processor /proc/cpuinfo)
4. sudo make install
5. cd ..

```

- 因为新版本Z3编译后没有lib和include，只能make install后从系统调用。