

RISCV Tools installation

```
export TOP=$(pwd)
git clone https://github.com/riscv/riscv-tools.git
cd $TOP/riscv-tools
git submodule update --init --recursive

sudo apt-get install autoconf automake autotools-dev curl device-tree-compiler
libmpc-dev libmpfr-dev libgmp-dev gawk build-essential bison flex texinfo gperf
libtool patchutils bc zlib1g-dev

export RISCV=$TOP/riscv

export PATH=$PATH:$RISCV/bin

./build.sh
```

Testing your installation

```
cd $TOP

echo -e '#include <stdio.h>\n int main(void) { printf("Hello world!\\n"); return
0; }' > hello.c

riscv64-unknown-elf-gcc -o hello hello.c

spike pk hello
```

Reference: <https://riscv.org/software-tools/#installing-toolchain>