操作系统：Ubuntu 16.04 64bits LTS

参考资料：

https://github.com/qbittorrent/qBittorrent/wiki/Compiling-qBittorrent-on-Debian-and-Ubuntu

几个大站的最高版本

20170923：

hdsky, m-team: 3.3.11， hdchina, chdbits: 3.3.14， ttg, cmct, ourbits: 3.3.15

2017/8/20：

hdsky/m-team最高支持3.3.11, chdbits/hdchina最高支持3.3.14

注意3.3.11版本不支持跳过校验

# Required dependencies

* General required dependencies

sudo apt-get install build-essential pkg-config automake libtool git

sudo apt-get install libboost-dev libboost-system-dev libboost-chrono-dev libboost-random-dev libssl-dev

* Qt libraries

sudo apt-get install qtbase5-dev qttools5-dev-tools libqt5svg5-dev

* Python (Run time only dependency, for the search engine)

sudo apt-get install python3

# Libtorrent

[Libtorrent](http://libtorrent.org/) is a library written by Arvid Norberg that qBittorrent depends on. It is necessary to compile and install libtorrent before compiling qBittorrent.

## 2.1 Install Libtorrent dev pkg from repository

sudo apt-get install libtorrent-rasterbar-dev

## 2.2 Clone from the repo and compile

git clone https://github.com/arvidn/libtorrent.git

cd libtorrent

If you want to use libtorrent 1.1.\* (Also see: [issue 6132](https://github.com/qbittorrent/qBittorrent/issues/6132))【可安装最新版本，未测试】

git checkout $(git tag | grep libtorrent-1\_1\_ | sort -t \_ -n -k 3 | tail -n 1)

./autotool.sh

./configure --disable-debug --enable-encryption --with-libgeoip=system CXXFLAGS=-std=c++11

If you want to use libtorrent 1.0.\*

git checkout $(git tag | grep libtorrent-1\_0\_ | sort -t \_ -n -k 3 | tail -n 1)

./autotool.sh

./configure --disable-debug --enable-encryption --with-libgeoip=system CXXFLAGS=-std=c++11

If you get a configure: error: Boost.System library not found, check if you installed all the above dependencies.  
If yes, add --with-boost-libdir=/usr/lib/i386-linux-gnu

## 2.3 从官方网站下载

wget https://github.com/arvidn/libtorrent/releases/download/libtorrent-1\_0\_11/libtorrent-rasterbar-1.0.11.tar.gz

tar -xvzf libtorrent-\*.tar.gz

cd libtorrent-\*

./configure --disable-debug --enable-encryption --with-libgeoip=system

Now you're ready to compile:

make clean && make -j$(nproc)

sudo make install

cd ..

See note in the next section regarding the build jobs.

若安装完成，用以下命令应当可以查询到库已经安装：

pkg-config --list-all | grep libtorrent

>> libtorrent-rasterbar libtorrent-rasterbar - Bittorrent library.

sudo dpkg -l | grep libtorrent-rasterbar

ii libtorrent-rasterbar8 1.0.11.1+git20170907.c074e87885-1ppa1~xenial1 amd64 C++ bittorrent library by Rasterbar Software

ii python-libtorrent 1.0.11.1+git20170907.c074e87885-1ppa1~xenial1 amd64 Python bindings for libtorrent-rasterbar

# Compiling qBittorrent (without the GUI; aka qBittorrent-nox aka headless)

## 3.2 Repo

git clone <https://github.com/qbittorrent/qBittorrent>

## 安装指定版本

### 3.3.1 选择下载版本

wget https://sourceforge.net/projects/qbittorrent/files/qbittorrent/qbittorrent-3.3.7/qbittorrent-3.3.7.tar.gz

wget https://sourceforge.net/projects/qbittorrent/files/qbittorrent/qbittorrent-3.3.11/qbittorrent-3.3.11.tar.gz

wget https://sourceforge.net/projects/qbittorrent/files/qbittorrent/qbittorrent-3.3.14/qbittorrent-3.3.14.tar.gz

wget https://sourceforge.net/projects/qbittorrent/files/qbittorrent/qbittorrent-4.0.2/qbittorrent-4.0.2.tar.gz

### 3.3.2 解压后编译安装

tar -xvzf qbittorrent-\*.tar.gz; cd qbittorrent-\*;

###./configure --prefix=/usr --disable-gui;

./configure --disable-gui;

make clean && make -j$(nproc);

sudo make install;

# 配置

8.4.1.1 直接下载

RTORRENT\_USER="jack"; HOMEDIR=$(cat /etc/passwd | grep "$RTORRENT\_USER": | cut -d: -f6)

mkdir -p $HOMEDIR/.config/qBittorrent/

wget -O $HOMEDIR/.config/qBittorrent/qBittorrent.conf https://raw.githubusercontent.com/lovewangbo/qbittorrent/master/qBittorrent.conf; chown "$RTORRENT\_USER"."$RTORRENT\_USER" $HOMEDIR/.config/qBittorrent/qBittorrent.conf

注意修改其中的用户名。

设置自启动：

sudo nano /etc/systemd/system/qbittorrent.service

[Unit]

Description=qBittorrent Daemon Service

After=network.target

[Service]

User=jack

#ExecStart=/usr/bin/qbittorrent-nox --webui-port=7788

ExecStart=/usr/local/bin/qbittorrent-nox --webui-port=7788

[Install]

WantedBy=multi-user.target

#########################################################

里面的User和webui-port根据需要修改。

使能自启动：

sudo systemctl enable qbittorrent

sudo systemctl disable qbittorrent

sudo systemctl status qbittorrent

sudo systemctl start qbittorrent

sudo systemctl stop qbittorrent

配置文件位置：

/home/jack/.config/qBittorrent/

# 遇到过的问题