

# BT下载机

3120103973-王涛  
计科1207

## 1. 下载需要的transmission及其依赖文件

使用命令：

```
sudo apt-get install transmission-daemon
```

## 2. 配置BT下载机

首先进入transmission的目录下，终止一切与transmission相关的进程，使用killall命令；  
如下图：

```
root@raspberrypi-wt:/home/pi# cd /etc/transmission-daemon/  
root@raspberrypi-wt:/etc/transmission-daemon# killall transmission-daemon  
root@raspberrypi-wt:/etc/transmission-daemon# killall transmission-daemon  
transmission-daemon: no process found  
root@raspberrypi-wt:/etc/transmission-daemon# █
```

已经没有与transmission相关的进程了；  
接下来配置下载目录与下载中间时的缓存目录：

```
root@raspberrypi-wt:/# mkdir -p /home/pi/incomplete  
root@raspberrypi-wt:/# mkdir /home/pi/complete  
root@raspberrypi-wt:/# chgrp debian-transmission /home/pi/incomplete  
root@raspberrypi-wt:/# chgrp debian-transmission /home/pi/complete  
root@raspberrypi-wt:/# chmod 770 /home/pi/incomplete  
root@raspberrypi-wt:/# chmod 770 /home/pi/complete  
root@raspberrypi-wt:/# █
```

以上几条指令用于生成下载时的中间目录以及缓存目录，并赋予他们写的权限；

接下来我们需要更改/etc/transmission-daemon/settings.json中的文件的内容，主要修改的内容是开启下载时缓存以及更改了下载后存储的目录等位置，同时允许192.168.1以下的所有设备访问transmission下载器；



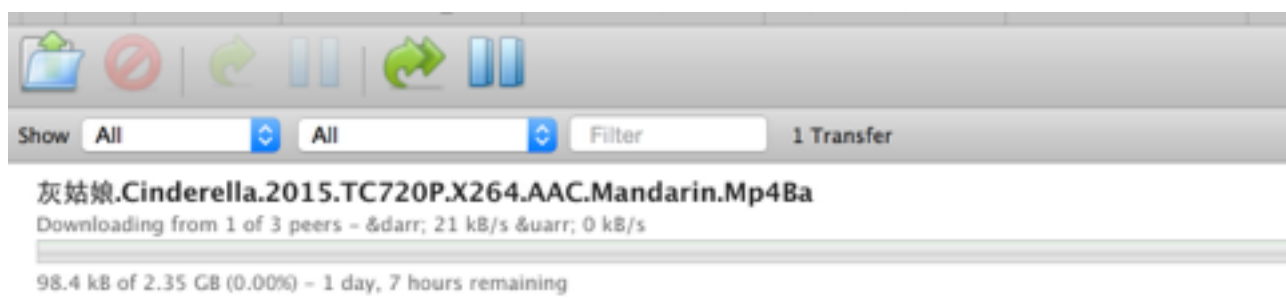
```
"alt-speed-down": 50,  
"alt-speed-enabled": false,  
"alt-speed-time-begin": 540,  
"alt-speed-time-day": 127,  
"alt-speed-time-enabled": false,  
"alt-speed-time-end": 1020,  
"alt-speed-up": 50,  
"bind-address-ipv4": "0.0.0.0",  
"bind-address-ipv6": ":::",  
"blocklist-enabled": false,  
"blocklist-url": "http://www.example.com/blocklist",  
"cache-size-mb": 4,  
"dht-enabled": true,  
"download-dir": "/home/pi/complete",  
"download-limit": 100,  
"download-limit-enabled": 0,  
"download-queue-enabled": true,  
"download-queue-size": 5,  
"encryption": 1,  
"idle-seeding-limit": 30,  
"idle-seeding-limit-enabled": false,  
"incomplete-dir": "/home/pi/incomplete",  
"incomplete-dir-enabled": true,  
"lpd-enabled": false,  
"max-peers-global": 200,  
"message-level": 2,  
"peer-congestion-algorithm": "",  
"peer-limit-global": 240,  
"peer-limit-per-torrent": 60,  
"peer-port": 51413,  
"peer-port-random-high": 65535,  
"peer-port-random-low": 49152,  
"peer-port-random-on-start": false,  
"peer-socket-tos": "default",  
"pex-enabled": true,  
"port-forwarding-enabled": false,  
"preallocation": 1,  
"prefetch-enabled": 1,  
"queue-stalled-enabled": true,  
"queue-stalled-minutes": 30,  
"ratio-limit": 2,  
"ratio-limit-enabled": false,  
"rename-partial-files": true,  
"rpc-authentication-required": true,  
"rpc-bind-address": "0.0.0.0",  
"rpc-enabled": true,
```

### 3. 开启BT下载器

在本地浏览器中输入192.168.1.221:9091/transmission 从而进入下载器，默认的口令与用户名都是transmission，同时该下载器的默认的端口是9091，因此通过登录后得到下图：



接下来，打开BT文件



已经开始下载了

至此，BT下载机配置安装完成