

## 任务 8: Airplay

课程名称: 嵌入式 实验类型: 综合

实验项目名称: 任务 8

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### 实验内容

#### 1. 安装 shairpoint 依赖的包

```
pi@raspberrypi:~$ sudo apt-get install build-essential libssl-dev libcrypt-opens
sl-rsa-perl libao-dev libio-socket-inet6-perl libwww-perl avahi-utils pkg-confi
█
```

#### 2. 安装 git 和 PerlNet-SDP

```
pi@raspberrypi:~$ sudo apt-get install git█

pi@raspberrypi:~$ git clone https://github.com/njh/perl-net-sdp.git perl-net-sdp
Cloning into 'perl-net-sdp'...
remote: Counting objects 100% (10/10) done
remote: Compressing objects 100% (1/1) done
remote: Total 1000 (delta 0), reused 0 (delta 0), fetch-ratio 1.00
Unpacking objects: 100% (10/10) done

pi@raspberrypi:~$ cd perl-net-sdp█

pi@raspberrypi:~/perl-net-sdp$ perl Build.PL
Creating new Build scripts for PerlNet-SDP...

pi@raspberrypi:~/perl-net-sdp$ sudo ./Build
Building perl-net-sdp...
Running make...
Running make install...
Installing perl-net-sdp...
Running make test...
Running make install...

pi@raspberrypi:~/perl-net-sdp$ cd ..
█
```

#### 3. 安装 shairpoint

```
pi@raspberrypi:~$ git clone https://github.com/hendrikw82/shairport.git
Cloning into 'shairport'...
remote: Counting objects 100% (10/10) done
remote: Compressing objects 100% (1/1) done
remote: Total 1000 (delta 0), reused 0 (delta 0), fetch-ratio 1.00
Unpacking objects: 100% (10/10) done

pi@raspberrypi:~$ cd shairport
pi@raspberrypi:~/shairport$ make█
```

#### 4. 启动 shairpoint

```
pi@raspberrypi:~/shairport$ ./shairport.pl -a cxy
Established under name '6ABEBDFDCA07@cxy'
```

## 5. 进行播放

然后在 itunes 中使用树莓派播放音乐

