Installing Quake3 on a Raspberry pi (short cut)

- there exists a good description of how to build quake3 from source on the raspberry pi web site ⟨`http://www.raspberrypi.org/phpBB3/viewtopic.php?f=78&t=18853`⟩

- however it will take 50 minutes to compile quake3

- these instructions allow you to skip the compile and download a prebuilt tarball

Step 1

- install some packages

- ```
  $ sudo apt-get install wget libsdl1.2-dev unzip
  ```

- now download the prebuilt quake 3 (includes source, binaries and pak files)

- ```
  $ wget http://floppsie.comp.glam.ac.uk/download/targz/arm-quake3.tar.gz
  ```

- unpack the `tar.gz` archive

- ```
  $ tar zxf arm-quake3.tar.gz
  ```

Step 2

■   rename directory and install some key files

■
```
$ mv arm-quake3 quake3
$ cd quake3
$ sudo cp q3 /usr/local/bin
$ sudo chmod 755 /usr/local/bin/q3
$ cd ..
```

Step 3

■ now we need to install the `pak` files

■
```
$ cd quake3
$ mkdir -p $HOME/.q3a
$ unzip -d $HOME/.q3a q3-demo-paks.zip
$ cd ..
```

■ now for a quick frag

■
```
$ q3
```

Step 4

■ an extra aside, if you wanted to turn off swapping on your pi, you might consider this extra commands

   ■ these commands will turn off swapping automatically every time the RPI boots

   ■ we copy a new `rc.local` and reboot the pi using these commands:

■

```
$ cd quake3
$ sudo mv /etc/rc.local /etc/rc.local-
$ sudo cp rc.local /etc/rc.local
$ sync
$ sudo reboot
```