gaius

Tutorial and installing Doom3 data files

■ finish off your automatic light code in `txt2pen.py`

Installing data files on your R-Pi or VMware image

- dhewm3 is the game engine which is free software (GPL)

- the data files are not free and thus need to be bought from steam (please see these notes ⟨`https://github.com/gaiusm/pybot-dhewm3/blob/master/README.md`⟩) and also the FAQ ⟨`https://github.com/dhewm/dhewm3/wiki/FAQ`⟩

- when you have obtained your doom3 pk4 files they must be placed into the directory `/usr/share/dhewm3`

Installing data files on your R-Pi or VMware image

■ you need to copy the pk4 into /usr/share/dhewm3

　　■ hint this is done in GNU/Linux by:

■
```
$ cd into_your_directory_where_the_pk4_files_exist
$ sudo mkdir -p /usr/share/dhewm3/base
$ sudo cp *.pk4 /usr/share/dhewm3/base
```

■ where `into_your_directory_where_the_pk4_files_exist`
will vary from user to user

Installing data files on your R-Pi or VMware image

■ now you can run a tool to verify you have the correct pk4 files

■
```
$ md5sum /usr/share/dhewm3/base/*.pk4
71b8d37b2444d3d86a36fd61783844fe  /usr/share/dhewm3/base/pak000.pk4
4bc4f3ba04ec2b4f4837be40e840a3c1  /usr/share/dhewm3/base/pak001.pk4
fa84069e9642ad9aa4b49624150cc345  /usr/share/dhewm3/base/pak002.pk4
f22d8464997924e4913e467e7d62d5fe  /usr/share/dhewm3/base/pak003.pk4
38561a3c73f93f2e6fd31abf1d4e9102  /usr/share/dhewm3/base/pak004.pk4
2afd4ece27d36393b7538d55a345b90d  /usr/share/dhewm3/base/pak005.pk4
a6e7003fa9dcc75073dc02b56399b370  /usr/share/dhewm3/base/pak006.pk4
6319f086f930ec1618ab09b4c20c268c  /usr/share/dhewm3/base/pak007.pk4
28750b7841de9453eb335bad6841a2a5  /usr/share/dhewm3/base/pak008.pk4
```