**Short Version of dirtsand build**

"apt-get" has a replacement which is just "apt" I am testing this and if it works I will edit the listing

One of the cute things about this new apt command is it adds a cute progress bar to the bottom of the screen

I have also discovered if you add -y to the end of your install line it kill the Y/n question and just get on with installing your stuff.

Yes I built another shard and apt on its own and the terminating -y works so I have edited both files

[/edit]

[code]

$fdisk /dev/sda (remove all partitions then boot from install DVD and install Ubuntu Server)

$ sudo apt update

$ sudo apt upgrade -y

$ sudo apt install build-essential git cmake libpq-dev libssl-dev libreadline-dev zlib1g-dev postgresql postgresql-contrib apache2 php7.2 -y

$ sudo useradd dirtsand -d /opt/dirtsand -m -s /bin/bash -g sudo

$ sudo passwd dirtsand

$ sudo reboot

$ git clone https://github.com/zrax/string\_theory.git

$ git clone https://github.com/H-uru/dirtsand.git

$ mkdir string\_theory/build && mkdir dirtsand/build

$ mkdir ages

$ mkdir data

$ mkdir authdata

$ mkdir SDL

$ cd string\_theory/build

$ cmake ..

$ sudo make install

$cd /opt/dirtsand/dirtsand/AuthServ

$nano AuthDaemon.cpp

Hoikas temporary fix. You need to navigate to line 33 it should look like

std::unordered\_map<ST::string, SDL::State, ST::hash\_i, ST::equal\_i> s\_globalStates;

You need to edit this line to remove the \_i in the middle so it reads

std::unordered\_map<ST::string, SDL::State, ST::hash, ST::equal\_i> s\_globalStates;

[Ctrl][x] y [Enter] will replace the existing file with the corrected one.

$ cd /opt/dirtsand/dirtsand/build

$ cmake -DCMAKE\_INSTALL\_PREFIX = /opt/dirtsand ..

$ sudo make install

$ sudo -u postgres psql -d template1

template1=# CREATE USER dirtsand WITH PASSWORD 'laundrymarker';

template1=# CREATE DATABASE dirtsand WITH TEMPLATE = template0 ENCODING = 'UTF8';

template1=# ALTER DATABASE dirtsand OWNER TO dirtsand;

template1=# \q

$ sudo -u postgres psql -d dirtsand

dirtsand=# CREATE EXTENSION "uuid-ossp";

dirtsand=# \q

$cd /opt/dirtsand/dirtsand

$ psql -d dirtsand < db/dbinit.sql

$ psql -d dirtsand < db/functions.sql

$cd /opt/dirtsand/dirtsand

$ cp dirtsand.sample.ini dirtsand.ini

$ bin/dirtsand

ds-918> keygen new

ds-918> quit