Client User Manual

March 28, 2014

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1 Introduction

Thank you for picking up a copy of Armoured Warfare Simulator 2014, an online, multiplayer game where blowing up as many tanks as possible is your ultimate goal.

This client is the game end of the system, you boot up **aws.py** and have fun racking up damage against friends or people online.

2 Installation Instructions

2.1 Installation for UNIX-like Systems

All this game requires is a sane python 2.7 environment, test this by entering

```
$ python –V
```

into your terminal. If it returns "Python 2.7.[anything]" you are good to run this game without installation.

If not, use your package manager to install python 2.7 and continue.
You can now use the following commands to run the game:

```
$ tar vxf AWS–x.x.x.tar.gz
$ cd /path/to/game/directory/
$ python aws.py
```

This will start up the game, follow the on-screen instructions to continue.

2.2   Installation for MS Windows Systems

For this you will require a python environment, this is not provided out-of-the-box with windows.

1. Go to www.python.org and click on "Downloads -> Python 2.7.[Something]"

2. Let the file download

3. Run the enclosed .exe file

4. Open Control Panel

5. Search for "path"

6. Click on the "System Environment Variables" button and go to advanced.

7. On the line that begins with "Path", add to the end "C:\Python27"

Now go to the game directory and double-click aws.py

3   Using the System

3.1   Logging in

After booting up the client, you will be presented with a login screen. If you have an account already, skip to 3.1.2, else go to 3.1.1

3.1.1   Creating an account

Once the login screen has appeared, click the "Create an account" button on the bottom of the form.
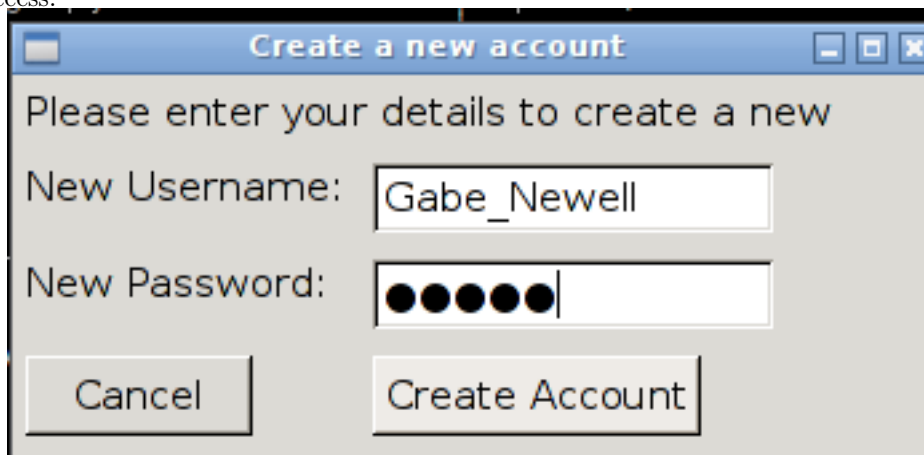
A new screen will appear, asking you for a new username and password. Make sure you pick a memorable password at least 5 characters long, you'll need it every time you log in.

Once you've picked a username and password, click "Create Account", the system will alert you on creation success.

3.1.2 Logging into an existing account

Once you have a username and password, go ahead and type them into the login screen, then hit submit. You'll be taken to the tank selection screen.
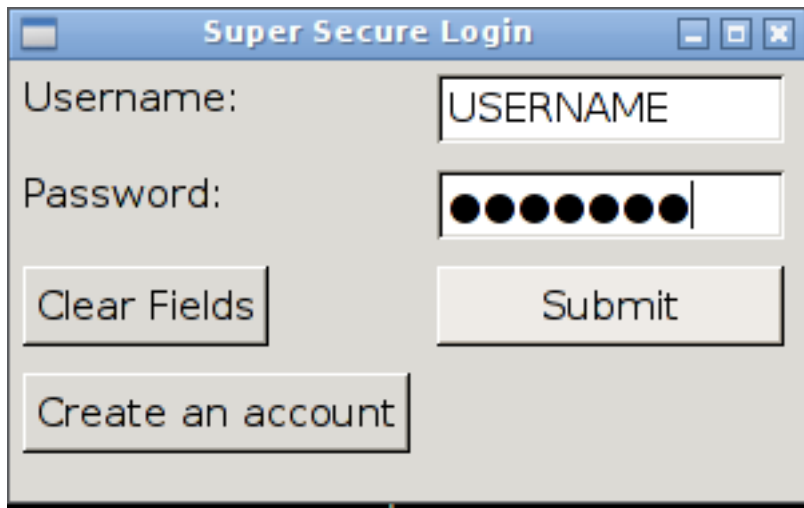
3.2 The Tank Selection Screen

This is the main screen outside of the game, it is where you will pick the vehicle you will fight in, as well as upgrade it and buy new tanks.

3.2.1 Selecting a tank

Simply click the drop-down arrow on the "select a tank" section and choose from the 4 default tanks, including:
The German Panzer IV, long-serving member of the panzerwaffe
The British Crusader, famed for combat against Erwin Rommel's forces in north Africa
The Soviet T-34, the most recognisable tank of the war, mass produced by the USSR to overrun the germans
The M4 Sherman, America's answer to the new German Panther tanks.
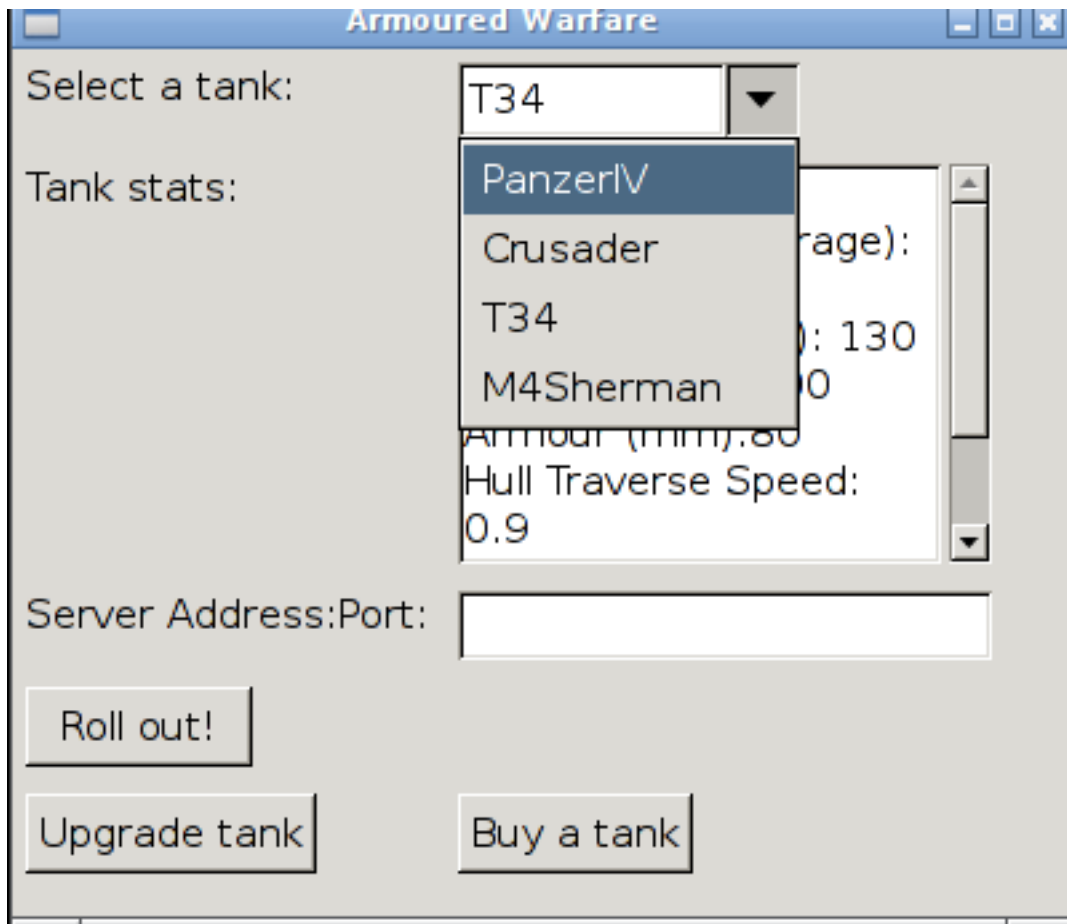
3.2.2 Viewing Stats

Once you have picked a tank, its statistics will appear in a box. These are the values that will determine who comes out on top in the game and who is left a smoking pile of scrap metal, so pay attention to each vehicle's strengths and weaknesses.

You can scroll through the stats with the bar on the right.
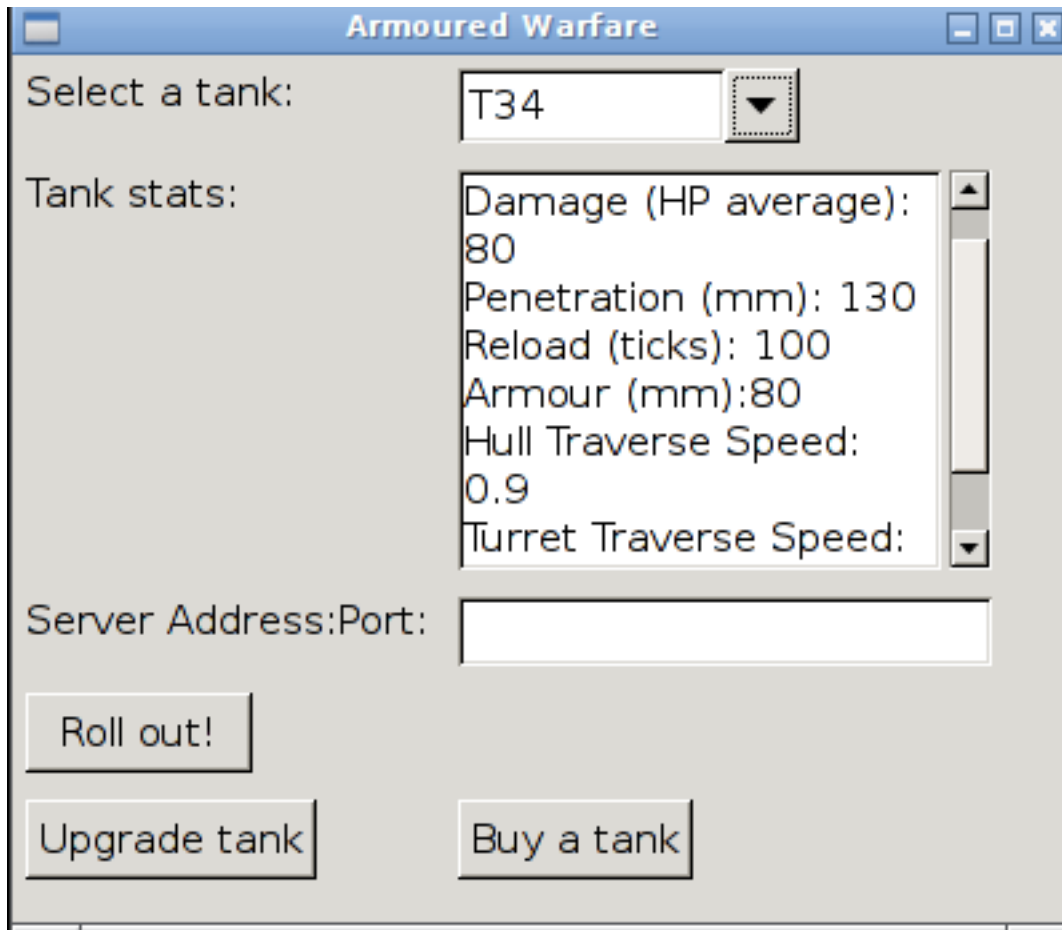
3.2.3 Upgrading your tanks

If you have accumulated some experience (XP), you can use it to make your war machine even more potent. Open the upgrade screen by clicking "Upgrade tank" from the selection screen.

You can now pick which stat to upgrade. Choose carefully, because there is a maximum amount you can upgrade any vehicle.

Upgrade your selected stat by clicking the button next to the value.

Upgrade A Tank

Upgrading Tank: PanzerIV   XP to spend: 1000

Hit points:	400	Upgrade
Damage:	100	Upgrade
Penetration:	110	Upgrade
Reload:	200	Upgrade
Armour:	40	Upgrade
Hull Traverse:	1	Upgrade
Turret Traverse:	1	Upgrade
Speed:	1	Upgrade

Cancel   Confirm

Once you are happy with your new, bigger, badder war machine, click "Confirm" and the changes will be sent and applied. Congratulations, you are now even more powerful!

3.3 Purchasing a new Tank

Have you been in the same tank for a while? Looking for some new armour? It may be time to look into getting a new tank. Be warned, these upgraded beasts aren't cheap, but they are exceptionally powerful.

Start by clicking "Buy a tank" from the selection screen.

A new screen will open, and you can scroll through the list of available tanks. Select one which looks good and the amount of XP needed will show.
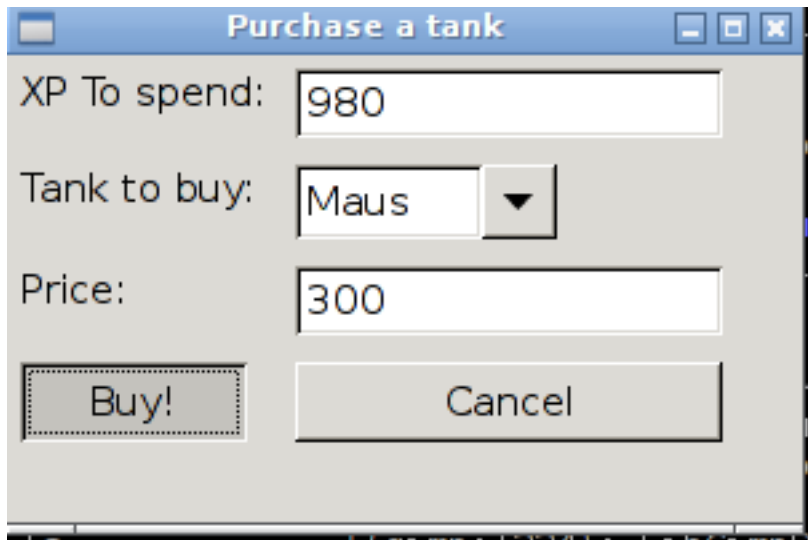
Once you're happy, click "Buy!" and the tank will be delivered to your garage immediately. Try it out and see just how powerful your new armour is!

3.4 Entering a Game

3.4.1 Finding a Server

Joining a game is as easy as getting 2-8 people together, the server owner will tell you their IP address and the server's port, you can type this into the selection screen, hit "Roll Out!" and you will be connected to the server.

Refer to the Server Manual for a tutorial on how to host your own server.

Armoured Warfare

Select a tank: T34

Tank stats:
Damage (HP average): 80
Penetration (mm): 130
Reload (ticks): 100
Armour (mm):80
Hull Traverse Speed: 0.9
Turret Traverse Speed:

Server Address:Port: 192.168.1.1:9999

Roll out!

Upgrade tank   Buy a tank

Make sure the Address is in the form [ip] : [port]

Armoured Warfare

Select a tank: T34

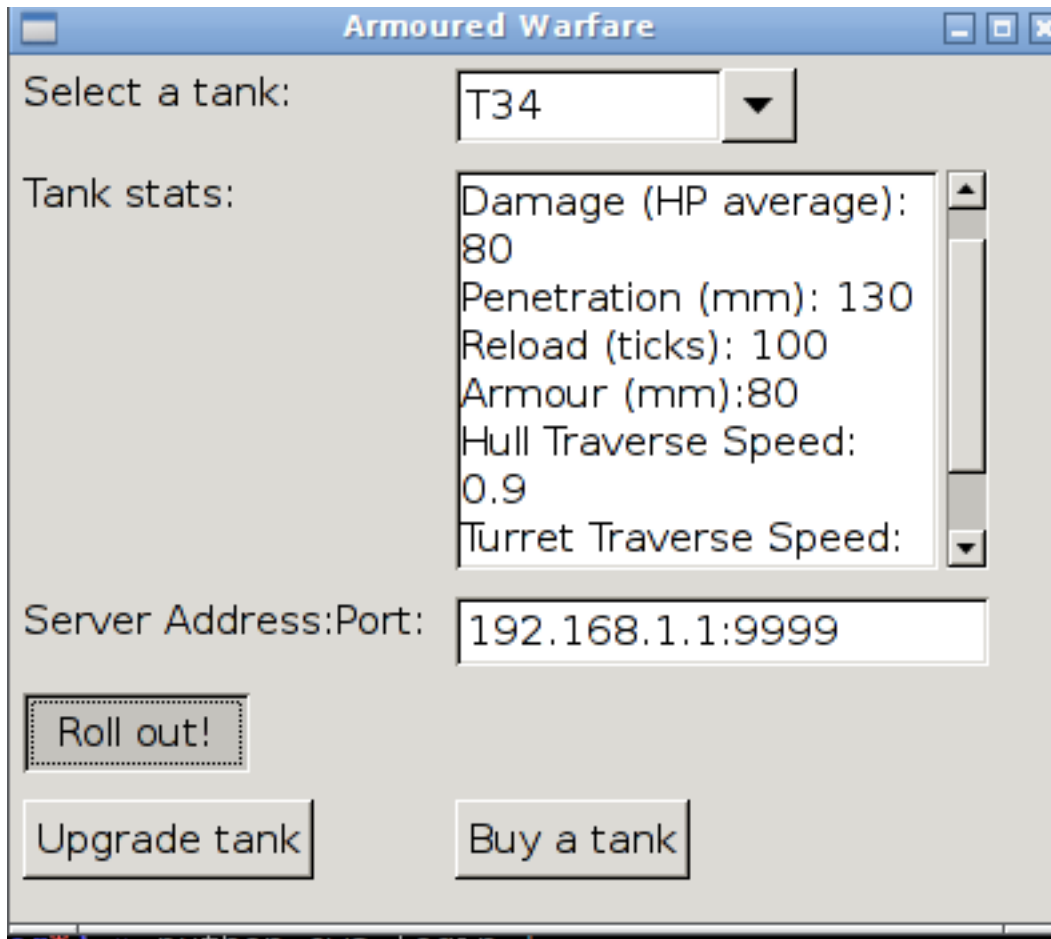Tank stats: Damage (HP average): 80
Penetration (mm): 130
Reload (ticks): 100
Armour (mm):80
Hull Traverse Speed: 0.9
Turret Traverse Speed:

Server Address:Port: 192.168.1.1:9999

Roll out!

Upgrade tank   Buy a tank

3.4.2 Controlling the game

Once you've connected to the server, the game screen will appear. After a few seconds of loading, the map and tanks will be rendered on the screen.
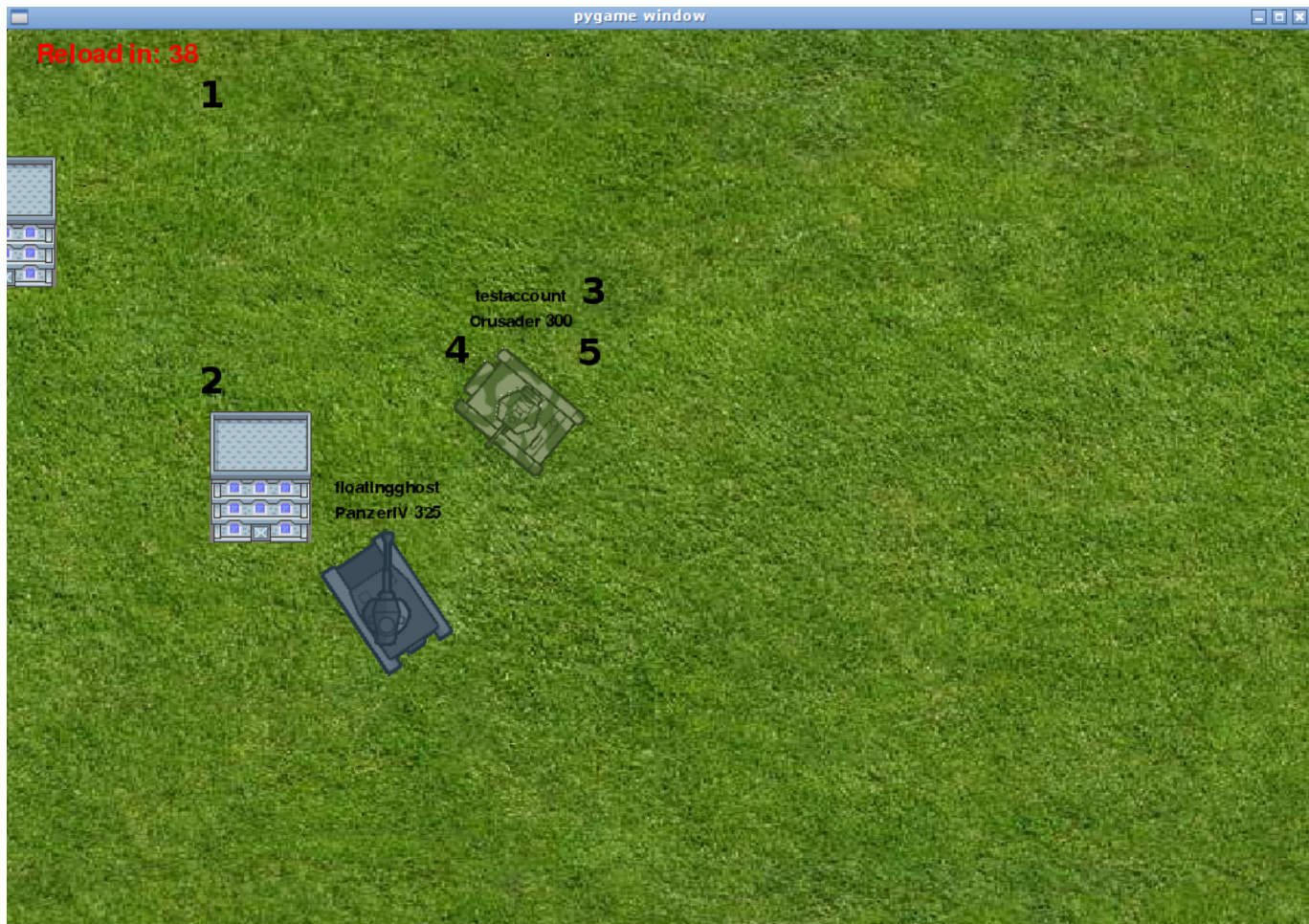
```
Moving the tank:
        W − Move Forwards
        A −  Turn  Left
        S −  Reverse
        D −  Turn  Right

Moving the turret:
        Left Arrow −  Turn  turret  left
        Right Arrow −  Turn  turret  right

Firing the gun:
        Space Bar −  FIRE!
```

Explaining the in-game screen:

1. The reload timer, when this hits 0, you can fire again.
2. A non-destructable building, use it to take cover from enemy fire
3. The user driving the tank
4. The tank's name and HP
5. An enemy tank

4   Other little bits of info

A list of official servers can be found at http://www.slickmuffin.weebly.com/

GOOD LUCK ON THE BATTLEFIELD!