Beginners Guide 2 Dual-Boxing

den 16 januari 2008
12:53

What is multi-boxing (dual-boxing)

With computer hardware getting cheaper, many people had found numerous machines laying around their house, not doing anything. Realizing that playing their favorite MMORPG with two or more characters was double the fun, multi-boxing was born.
Some people will also run multiple game accounts on the same machine. This is known as multi-instancing. It is used interchangeably with multi-boxing since many multi-boxers will also have multi-instances running on some machines.
Check dual-boxing.com for a great community forum focused on multi-boxing.

Pasted from http://solidice.com/keyclone/faq.html

Download, Install the software needed

Configure the software

Things to download: (This listing will have their own chapters)

- Keyclone
  https://solidice.com/keyclone/keyclone_v1.7u_06jan2008a.exe

- My Addon Package (Most of them Ace2 Libs)
  http://www.digitek.se/dualboxing/AddOns.rar

- WoWAce Updater
  http://www.wowace.com/wau/Install_WAU.zip

This guide was last updated: 2008-01-20 (GMT + 1)

0.1 Introduction

Hi there and welcome to my "Beginners Guide 2 Dual-Boxing"
(This guide is for Single PC, single Monitor setup using Keyclone, 3-boxing account, Horde shamans)

First of all... most of the information in this guide is from the users on the forum at
www.dual-boxing.com

Credits goes to all of them. Most of the information is copied into this guide and therefore i wount take any credit for it. The only thing i have done is to been reading on the forums, searching for information to get my own setup to start dual-boxing (or in my case 3-boxing), and put it together to a guide for beginners.

My setup is quite easy and this guide is meant to be easy for newcomers, the guide has alot of flaws and errors, for example spelling, gramma etc. You will have to coop with it becourse my native language isnt english. I still hope you will understand the most of it. About more technical information regarding macros, coding, spells, character info and so on i cant give you much since I have way to little time in WoW to explain all of that.

This guide is how to setup a 3 x shaman team (Horde). The guide can be used for less or more accounts if wanted. The guide as told before has flaws and errors, and the macros, keybindings, addons is not the best or easiest way to do this. But with an well explained guide it shouldnt be any problems for newcomers to do a similar setup like mine (just follow the guide). The bad thing with my setup, macros etc regarding to others is that it can be done in a easier way. I dont know how, becourse i havent tried all the addons, macros etc yet so i will just let you guys know that before you start picking on me why i didnt do like that, used those macros and addons instead of those and so on.

Thanks to Keyclone creator for a great application. Thanks to www.dual-boxing.com and their users. Thanks to all the other ones i havent mentioned in this guide for letting me be able to do it and that keeps me updated with information for this guide.

Be prepared young warrior... You have alot of reading to do, alot of time to spend to get all things to work. In the long run its all worth it... Trust me!

1.1 Keyclone

den 20 januari 2008
14:16

- ***What is keyclone***

  Essentially, keyclone is a p2p, unicasting keyboard emulator.
  Keyclone links applications together...enabling you to hit 'F1' within one application, and having that key simultaneously sent to each of the other applications keyclone is managing.It will also send those same keys to any other keyclones you may have linked in, which in turn will distribute the keys to the applications they are managing.

  Pasted from http://solidice.com/keyclone/faq.html
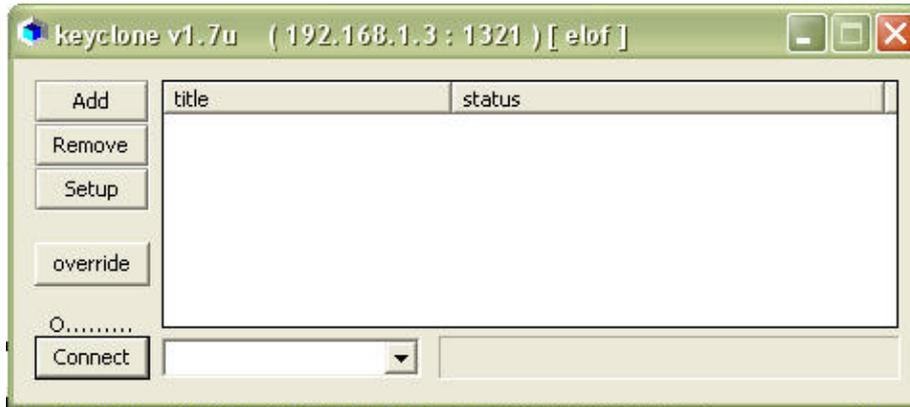
- **Download Keyclone here:**
  https://solidice.com/keyclone/keyclone_v1.7u_06jan2008a.exe

- **Install Keyclone**

  Make sure to install Keyclone on your computer, you can unzip it wherever you want, i prefer to have a map or drive called "Installed Games" on my computer (another drive then C: if i have to re-install windows and dont want to re-install all the games i have).
  Put Keyclone in example "D:\Installed Games\Keyclone"
  Then make a shortcut on your desktop to keyclone.exe

- **Why do i need Keyclone?**

  You must have keyclone installed to be able to controll all of your characters when multiboxing.
  Just like it says above it will past the keystrokes to other windows. This means that you can hit the attack key on your main character and the other characters will do the same (if you have done a correct spell setup on each account in World of Warcraft).

1.2 World of Warcraft folders

den 20 januari 2008
14:26

First we need to choose where we want the different copies of World of Warcraft.
Some users just run each copy of World of Warcraft instances from the same folder, (means that they start 1 or more World of Warcraft games from the same folder location), some say this gives better perfomance, and some state it doesent. Personaly i dont know whats best for you since im happy with my way described below. I let you decide how to go with it.

(Why do you use different folders for each WoW you run? Becourse i want the ability to use different settings on my 3-boxing chars and for example my mains (not used for multiboxing). I have 4 different folders of World of Warcraft. All with different settings depending on the character. I think you can sort this problem and be able to run only from one folder with different settings, but i dont know how. Look around or ask in the forums to try get an explaination.)

If you are 3 boxing, then make 3 copies of your World Of Warcraft folder so it looks something like this:
(If your alts, followers have exactly the same setup its enough with one folder for them and then run 2 WoW´s from that folder)

D:\Installed Games\World of Warcraft1
D:\Installed Games\World of Warcraft2
D:\Installed Games\World of Warcraft3

(Some say its prefered to have the World Of Warcraft folders on different drives for better performance.
This will reduce loading times when starting up WoW, and when transporting to a new zone by boat or zep,and when enter / leave a dungeon.)

For example:
C:\World of Warcraft1
D:\Installed Games\World of Warcraft2
E:\Installed Games\World of Warcraft3

_____

Remember to check www.dual-boxing.com for more information how to setup the folders, you got 2 choices:

1: Run the different instances of World of Warcraft from different folders.
2: Run the different instances of World of Warcraft from the same (one) folder.

Im sorry but i cant tell you what gives you the best performance, so therefore get some advice from more experienced users.

1.3 Addon Package

den 16 januari 2008
16:31

- **My Addon Package** (Most of them Ace2 Libs, Ace2 will be explained in next chapter)
  http://www.digitek.se/dualboxing/AddOns.rar

- Download my addon package and unrar it in each of the World Of Warcraft interface folders:
  (Depending how you run WoW, for example using more then 1 or 2 folders as i do, follow the description below)

  D:\Installed Games\World of Warcraft1\Interface\AddOns
  D:\Installed Games\World of Warcraft2\Interface\AddOns
  D:\Installed Games\World of Warcraft3\Interface\AddOns

- **What is Addons package?**

  Addon packages are different kind of mods for World of Warcraft, there are thousands of different
  addons for WoW out there with different functions. To give an example you can have a map addon that
  tells you the cordinates where you are on the map, it will give you maps for the different instances
  (dungeons) in World of Warcraft with information where the bosses are etc.
  You can have threat addons, outfits addons, AH addons, different class addons and so on.
  The list is way to long to describe in this guide. I will tell you more about addons later in this guide.

1.4 [A] WoWAce Updater

den 16 januari 2008
16:32

- **Download WoWAce Updater**
  http://www.wowace.com/wau/Install_WAU.zip

- *What Is Ace2 Libs and WoWAce Updater?*

  This tool provides an easy way for you to keep your Ace addons up to date. When it first launches, it will download a list of available addons from http://files.wowace.com.
  If it can determine your local World of Warcraft installation folder, it will also compare that list with the addons you currently have installed and pre-check them.
  Check the boxes of any addons you want to update/download and choose "Update Checked Addons" from the File menu (or press F12). The status of the download will be presented in the lower pane.

  Pasted from http://www.wowace.com/wiki/WowAceUpdater

- The WoWAce application will keep your addons up-to-date in a easy way. Remember that only Ace2 addons will be updated with this application, the other addons has to be updated manually. A tip is to do a search on www.google.com on the addon name to find the proper download page for it.

- **Unzip the WowAce updater to:**

  D:\Installed Games\WoWAce Updater

  Run the setup.exe file to install WoWaceUpdater. If WoWAceUpdater doesent start automaticly after the setup is done...run the file: WowAceUpdater.application and it will start up.

  Now make sure you have the right WoW folder path in WoWAce updater. Check image below.
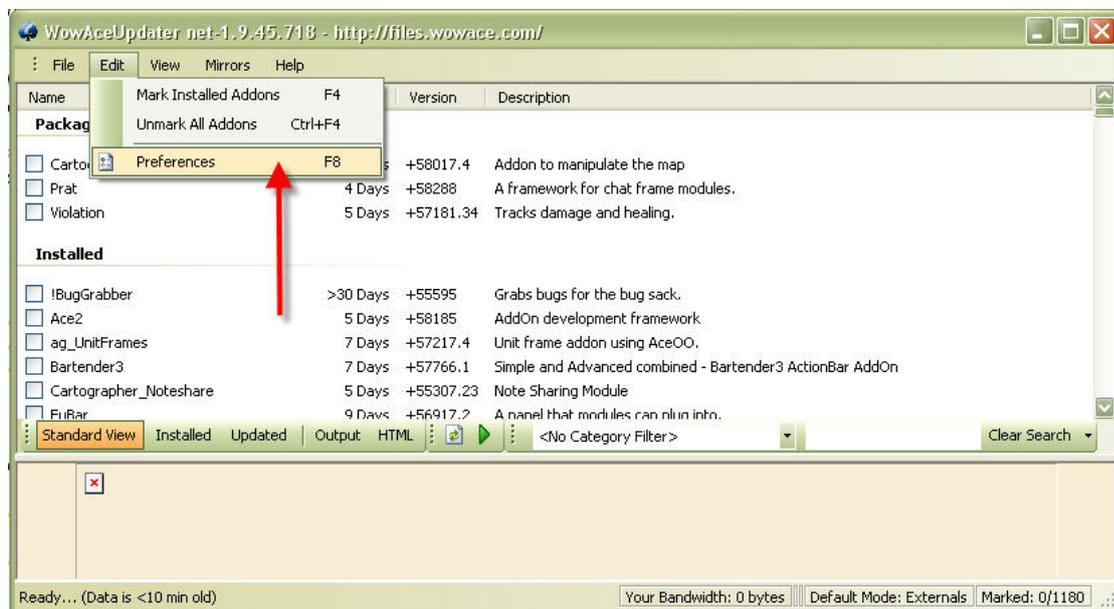

For a better image click here: http://www.digitek.se/dualboxing/wowace_preferences_01.jpg

1.4 [B] WoWAce Updater

den 20 januari 2008
19:50

Click "Edit" ---> Preferences (F8)
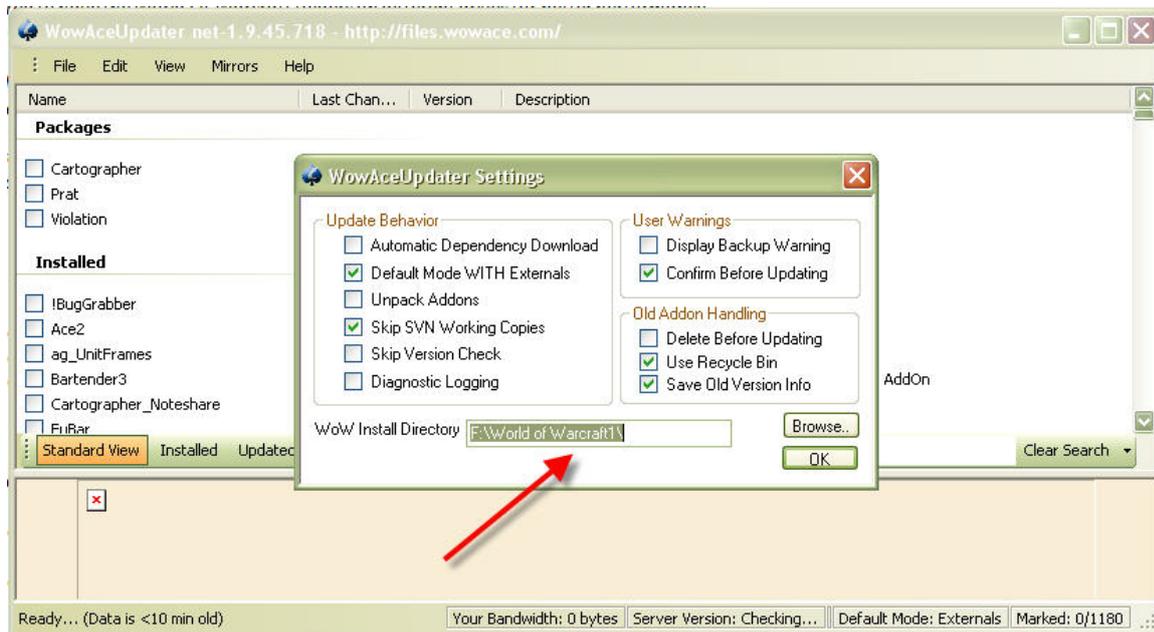
For a better image click here: http://www.digitek.se/dualboxing/wowace_preferences_02.jpg

Make sure you have the first WoW folder path here, then press OK.
Now run the update.
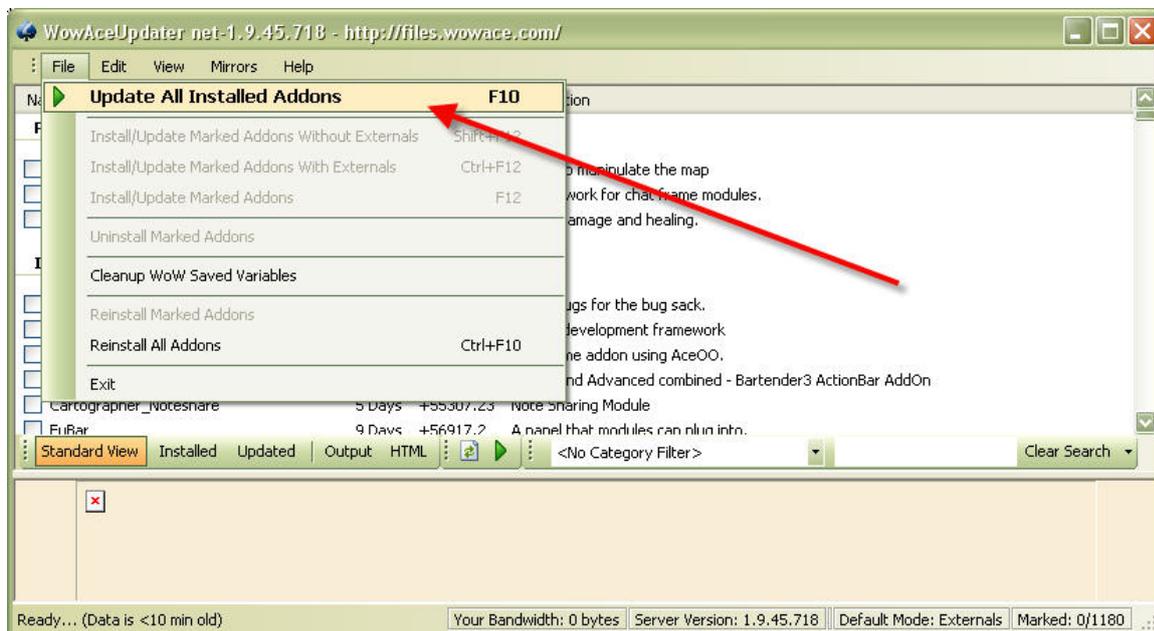
For a better image click here: http://www.digitek.se/dualboxing/wowace_update_01.jpg

When this is done. Close WoWAce Updater and then start it up again with:
WowAceUpdater.application

Depending how many WoW folders you use... Re-do the whole process for each WoW folder you have, just make sure to check preferences in WoWAce Updater and change the path to match your 2:n and 3:rd account before the update process.

2.1 [A] Setup Keyclone and Maximizer

den 16 januari 2008
19:47

OK, you have managed to sort the World of Warcraft folders, downloaded and installed Keyclone, the addons and WoWAce Updater. Now its time to setup Keyclone and the inbuilt maximizer function.

(I know there is alot more functions to Keyclone and maximizer thats not brought up in this guide, but since its my 4:th day using the application (while writing this guide) and my 4:th day to dual-box (3-boxing) i want you to be understanding when reading the guide if you are a more experienced user. Some information may be wrong, but it works for me so please let me know if you find any so i can update the guide.)

- **Start Keyclone** from the shortcut on your desktop. It will look something like the image below. *(Remember to register your copy of Keyclone, i suggest you to visit keyclones website for more information how to register your copy! http://solidice.com/keyclone)*
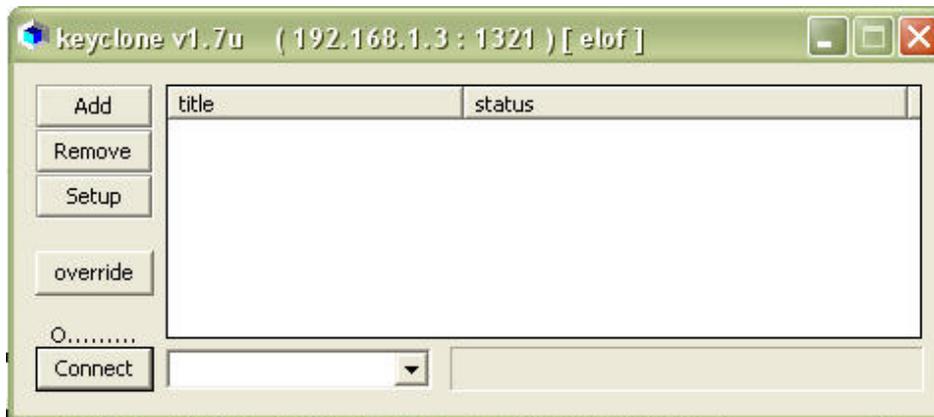

- **Now press the Setup button.**

2.1 [B] command editor

- We must now setup up your WoW accounts, and give them a proper command name, for example the name of your characters. Then we have to tell Keyclone the right folder path for each of the characters, and we give them each a region name (i use my character names). This has to do with maximizer later. Enter your WoW user account name and depending on your hardware setup i have read that you should put 15 in the maxfpsbk box and 45-55 in the maxfps box. You will have to try it out, if it runs slow please decrease it to 45. The cpu doesent have to be set, but if you have a dual or quad core processor you can use CPU 0 and CPU 1. CPU 2 and 3 isnt in use (correct me if im wrong)
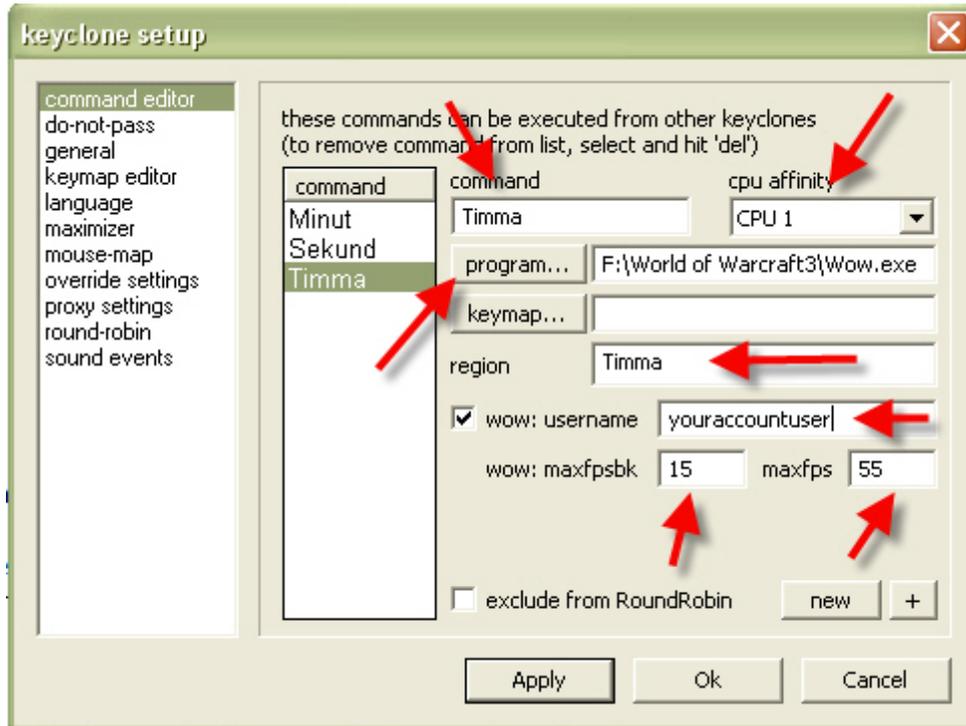
2.1 [C] do-not-pass list

den 20 januari 2008
19:56

- **Do-not-pass list**
  The do-not-pass list makes sure the keys you have in the list will not be passed to any of the other windows. Personaly i dont want the TAB (Target nearest enemy). Why i dont want to pass this is becourse i want to control all the targeting with my main, so if another of my characters has an enemy close he will not target that enemy instead of the enemy my main has.
  I have read on the forums that many people dont past WASD so that the characters wont move when using follow. Personaly i think its not a good idea since you want to pass WASD when entering password for the accounts and/or sending msg with the other chars then your main.
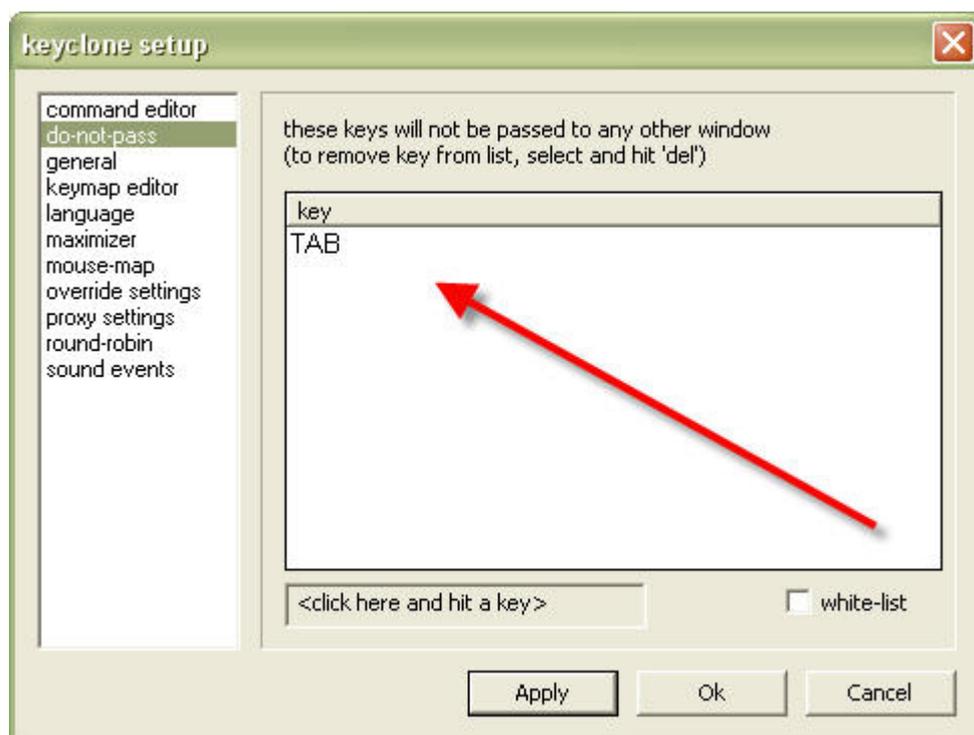
OK, i got some useful information on the forums from a user. So this is a updated part in the guide. This means if you stick to my guide point by point, checking my keybindings page later in this guide, you will be able to control your characters if they seem to "run-away" from you when playing. Just use the Up, Down, Left and Right buttons to stop them or mouse over to the alt character window and use both mouse buttons to control him) But if you assign some of the keys below please read the comment.

"Secondly, it might be an idea to add a bit in the keyclone setup section about "run aways" i.e. if people add wasd (or whatever they use for movement) to their no-pass list pressing a modifier key (shift/ctrl/alt), then a movement key, then releasing the modifier key before the movement key can cause your followers to get that movement key"stuck" down, making them run in that direction till the key is pressed again on each char. So i would say to add the following to the no-pass list aswell."

left/right alt+w/a/s/d
left/right ctrl+w/a/s/d
left/right shift+w/a/s/d

Pasted from http://www.dual-boxing.com/forums/index.php?page=Thread&postID=29516#post29516

2.1 [D] general

den 20 januari 2008
20:01

- **General**
  Not much to add here, just make sure "focus follows mouse" is enabled. This will allow you to quickly control your other characters, loot, trade etc without ALT-TAB thrue the WoW windows.
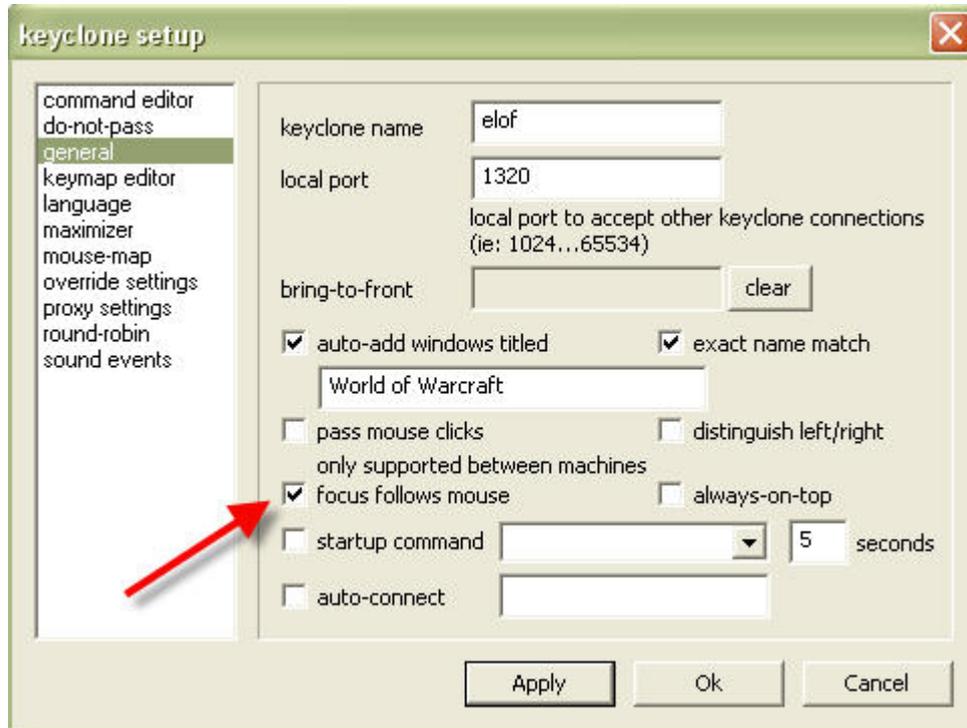
2.1 [E] Maximizer

den 20 januari 2008
20:01

- **Maximizer**
  In maximizer we now must setup 3 different regions (do you remember the region name from the command editor image above?)
  Press the + button and add the region name in the first box, in the second box is the cords for where the window will start (uper-left corner), the third box is the resolution of the window you want. *You can move the screen with the mouse to place it where you want.*

  Depending on your screen size you will have to enter the number that match your screen.
  Since im using a 24" Widescreen monitor i prefer to have the windows all in same size.
  Main character above the other two.
  Remember to check the "eneble maximizer" function.
  If you are using 2 monitors and a Nvidia graphic card, then ill suggest you change your settings in the Nvidia control panel from Dual-view to Horizontal Span. This will solve alot of FPS problems since Windows XP cant handle dual-view so well. If you are forced to use dual-view settings, then you can tell keyclone to use Display2 aswell.
  (Im not familiar with this and therefor cant tell much more about it, please check the forums for answers about this)
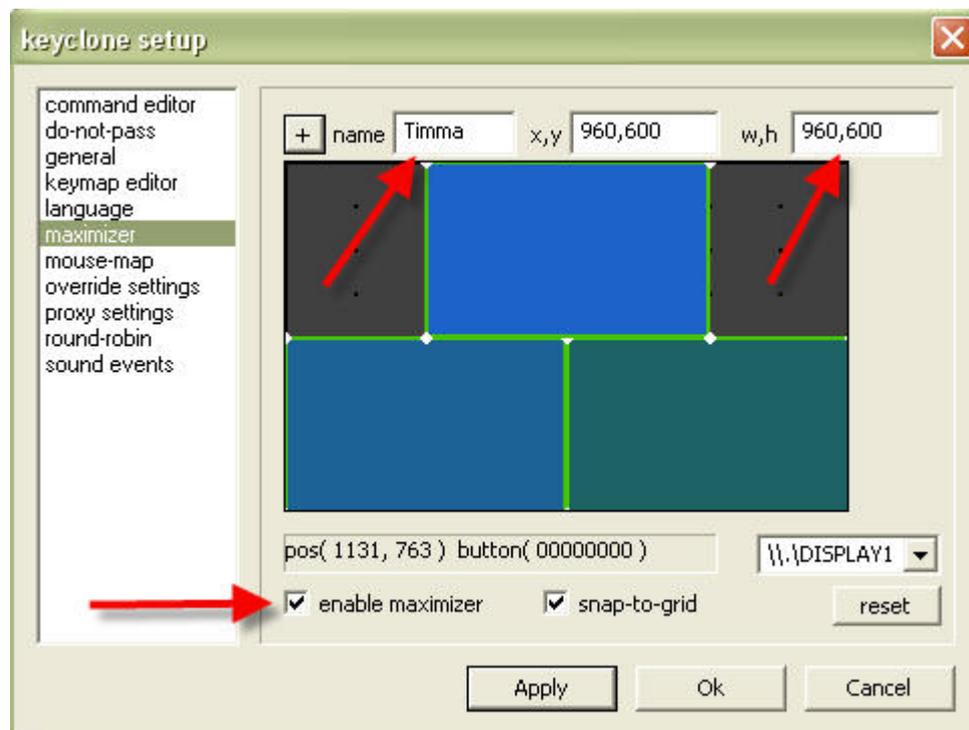
2.1 [F] mouse-map

den 20 januari 2008
20:01

- **Mouse-map**
  OK, this may look strange, but i will tell you more about why i use mouse-map. Also i will tell why i
  have this setup. I use my mouse to control as much as possible in WoW. Its much faster, dont have
  to look where the keys are etc etc. And by using mouse-map in keyclone i can use the mouse
  buttons for more then one thing in WoW on different characters. Its all about placing the spells /
  macros on different bars / buttons. (Will tell more about this later)
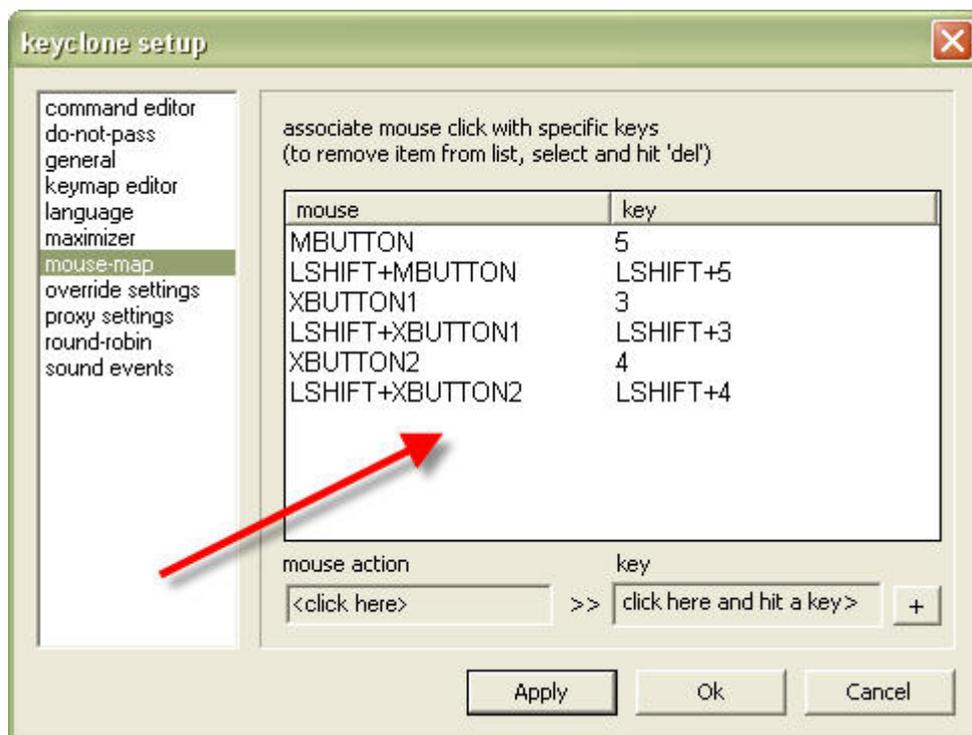
2.1 [G] Keyclone setup finished

den 20 januari 2008
20:05

- **Keyclone and maximizer are now ready. Try to connect and startup the accounts from Keyclone.**

    Enter your command name "your character name" in the box and hit connect. Do the same for the other accounts.
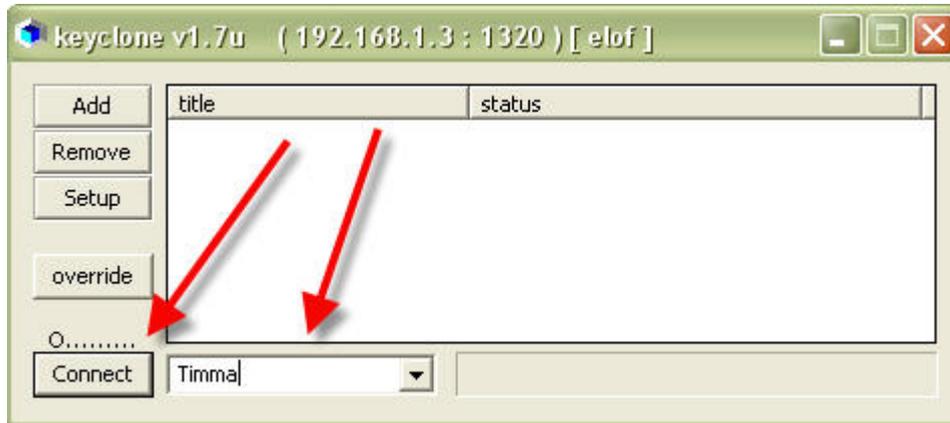
When all windows are up, enter the password for each account (have the same for all 3) then just hit enter and see how all windows logs on to your accounts at the same time :D

Then you select your characters you want to use and hit enter to load the game.

2.2 [A] Setup the addons for each account

den 16 januari 2008
20:30

OK, now its time to setup the addons we installed before. I dont use all the addons for each account since we want to save the memory. See my images below for what i use for each character.

- **Main Character**
  I dont use: Grid, Outfitter, SCTD and Violation on my main.
  SCTD is to save memory and since im running quite small windows i dont want alot of clutter on my screen. But if you prefer SCTD and having a better hardware setup then mine, for example 2 monitors you can go with it.

2.2 [B] Alt characters addons

den 20 januari 2008
20:08

- **Alt characters**
  On my alts i have been disabeling Cartographer, Omen, Outfitter, SCTD and Violation.
  Have no use at all for those addons on my alts.

2.3 [A] Keybindings

den 16 januari 2008
20:39

This chapter will be big!!! Some information what kind of keybindings i use. This is the hard part since everbody allways has there own setup of keys they like to use. But personaly i like to use the mouse as you saw in the mouse-map function in Keyclone. There is alot of more ways and ill guess hell of alot more easier ways to do the keybindings, for example there are loads of addons there is much smarter, but since im new to this i have done a setup that i feel can change later. This one doh will take some time to setup up, but if you learn it the hard way its more easy to understand all things later. Also i use Bartender3, i know many of the people on Dual-boxing.com is using Bongos. I have never tried it and i wount since my setup now are done. Cant take the time to redo all the things again...i need to lvl now after this guide is ready :D Well lets start... (i will do a excel chart for the keybindings, for a better overlook)

- **Excel document inserted below. (Landscape format)**

Main keybindings

Move and Steer		
Move forward	W	
Move Backward	S	
Turn Left	A	
Turn Right	D	
Strafe Left		
Strafe Right		
Toggle Run/Walk	Home	
Follow Target		

Alt keybindings

Move and Steer		
Move forward	Up Arrow	
Move Backward	Down Arrow	
Turn Left	Left Arrow	
Turn Right	Right Arrow	
Strafe Left	Page Up *	Insert *
Strafe Right	Page Down *	Delete *
Toggle Run/Walk	Home	
Follow Target		

Bartender3 Bar 1 Button 1	Q	
Bartender3 Bar 1 Button 2	E	
Bartender3 Bar 1 Button 3	MB4	
Bartender3 Bar 1 Button 4	MB5	
Bartender3 Bar 1 Button 5	MM	
Bartender3 Bar 1 Button 6	6	
Bartender3 Bar 1 Button 7	7	
Bartender3 Bar 1 Button 8	8	
Bartender3 Bar 1 Button 9	9	
Bartender3 Bar 1 Button 10	0	
Bartender3 Bar 1 Button 11	+	
Bartender3 Bar 1 Button 12	´	

Bartender3 Bar 1 Button 1	Q	
Bartender3 Bar 1 Button 2	E	
Bartender3 Bar 1 Button 3	3	
Bartender3 Bar 1 Button 4	4	
Bartender3 Bar 1 Button 5	5	
Bartender3 Bar 1 Button 6	6	
Bartender3 Bar 1 Button 7	7	
Bartender3 Bar 1 Button 8	8	
Bartender3 Bar 1 Button 9	9	
Bartender3 Bar 1 Button 10	0	
Bartender3 Bar 1 Button 11	+	
Bartender3 Bar 1 Button 12	´	

* Note = Using Page Up & Page Down for strafe on Alt char #1 and Insert & Delete for strafe on Alt char #2 will let you set a nice formation of your team.

 Just hold Delete & Page Down to get the characters to strafe outwards from your main. You will then get a nice triangle formation of your team.

Main keybindings

Bartender3 Bar 2 Button 1	SHIFT-Q	
Bartender3 Bar 2 Button 2	SHIFT-E	
Bartender3 Bar 2 Button 3	SHIFT-MB4	
Bartender3 Bar 2 Button 4	SHIFT-MB5	
Bartender3 Bar 2 Button 5	SHIFT-MM	
Bartender3 Bar 2 Button 6		
Bartender3 Bar 2 Button 7		
Bartender3 Bar 2 Button 8		
Bartender3 Bar 2 Button 9		
Bartender3 Bar 2 Button 10		
Bartender3 Bar 2 Button 11		
Bartender3 Bar 2 Button 12		

Bartender3 Bar 6 Button 1	1	F
Bartender3 Bar 6 Button 2	2	
Bartender3 Bar 6 Button 3	F1	
Bartender3 Bar 6 Button 4	F2	
Bartender3 Bar 6 Button 5	F3	
Bartender3 Bar 6 Button 6	F4	
Bartender3 Bar 6 Button 7	F5	
Bartender3 Bar 6 Button 8	F6	
Bartender3 Bar 6 Button 9	F7	
Bartender3 Bar 6 Button 10	F8	
Bartender3 Bar 6 Button 11	F9	
Bartender3 Bar 6 Button 12	F10	

Alt keybindings

Bartender3 Bar 2 Button 1	SHIFT-Q	
Bartender3 Bar 2 Button 2	SHIFT-E	
Bartender3 Bar 2 Button 3	SHIFT-3	
Bartender3 Bar 2 Button 4	SHIFT-4	
Bartender3 Bar 2 Button 5	SHIFT-5	
Bartender3 Bar 2 Button 6		
Bartender3 Bar 2 Button 7		
Bartender3 Bar 2 Button 8		
Bartender3 Bar 2 Button 9		
Bartender3 Bar 2 Button 10		
Bartender3 Bar 2 Button 11		
Bartender3 Bar 2 Button 12		

Bartender3 Bar 6 Button 1	1	F
Bartender3 Bar 6 Button 2	2	
Bartender3 Bar 6 Button 3	F1	
Bartender3 Bar 6 Button 4	F2	
Bartender3 Bar 6 Button 5	F3	
Bartender3 Bar 6 Button 6	F4	
Bartender3 Bar 6 Button 7	F5	
Bartender3 Bar 6 Button 8	F6	
Bartender3 Bar 6 Button 9	F7	
Bartender3 Bar 6 Button 10	F8	
Bartender3 Bar 6 Button 11	F9	
Bartender3 Bar 6 Button 12	F10	

2.3 [B] Keybindings

den 20 januari 2008
20:58

So for the ones who had their eyes open when reading can see that i use some combinations of the keybindings with Keyclones mouse-map function.
For example on the main char on **Bar 1** i use **Q, E, MB4, MB5 and MM**.

Where on the Alts i use **Q, E, 3, 4 and 5**. **Bar 2** uses the same combination but with **SHIFT button** pressed.

Maybe this can seem hard to understand the first time you looking at it, specially if you are new to WoW. The ones who has played it since release shouldtn have any problems to figure it out.
But this way i can control 3 spells on Bar 1 with the mouse on both Main and the Alt chars.
The same goes for Bar 2 but with the SHIFT key pressed. So totally 6 spells controlled with my mouse.
Ofcourse you must own a mouse with five buttons. You can even add more functions if you want with the Wheel Up and Wheel Down function on the mouse, also works great with SHIFT key pressed. So there we have 4 more spells to controll if we need and want. To go futher we can then get 3 more, if we assign a CTRL key function to the buttons/Bars.

On **Bar 6** i use **1, 2** *(1 is also assigned to F key)* then the **F1, F2, F3** keys and so on. This will let me have macros that i can reach fast for example the "Big Button" and "Focus"
(Will be explained later in the macro chapter)

So by using the mouse-map function in Keyclone i tell Keyclone to convert my mouse clicks on MB4 to key 3, MB5 to key 4 and MM to key 5. Then ill do the same but with SHIFT key assigned to the same mouse buttons for use with Bar 2.

2.3 [C] Totems keybinding (YATA addon)

den 20 januari 2008
20:59

- **TOTEMS keybindings**

  By using the great addon "Yet Another Totem addon" we can controll our totems in a easy way. You can do your own macros for this, but i like simplicity, that means i want one button for each Totem bar in YATA. This keybinding is done in the YATA setup. I use the num pad for controlling the Totems.

  Num Pad 1 is the Earth Main Button
  Num Pad 2 is the Fire Main Button
  and so on...

The Yata totembars can be configured so i will have different setups for each account. This will allow me to cast different totems with one key. To go futher you can then assign different keys to the individual totems if you want. Just remember to assign the same key for all 3 accounts. But change the Earth order on the Yata bars so the characters will cast different totems from the Earth school.

2.4 [A] Macros

Well folks, now its time for macros. This is the part thats really hard for me. Im quite new to macros myself. Havent played WoW as much and cant explain all the coding and macro stuff. Also i may use a dumb combination of the macros for some of the more experienced readers of this guide. Well i just put the macros here i use and on which Bar i use them.

All macros are from the dual-boxing.com forums, i wount take any credits for the macros listed below, they belong all to the authors that has posted them on the forums. Im sorry to say i cant list the name of the authors but the ones who reads this and feels its your macro post i just have one thing to say:

Cheers for all info about macro guys !!! All credits to you !!! None mentioned ...None forgotten :D

- **Main character macros**

  Invite button (Bar 5, Button 12 No keybinding)

  /invite toon1   (where toon1 and toon2 is your character names)
  /invite toon2

  Startattack button (Bar 6, Button 1, Keybinding 1 & F)
  (This one is good to spam when melee fighting and dont want to trigger attack on and off)

  /startattack

  Mount button (Bar 6, Button 3, Keybinding F1)

  /mount nameofyourmount

  Dismount button (Bar 6, Button 4, Keybinding F2)

  /dismount

2.4 [B] Macros

den 20 januari 2008
21:01

- **Alt characters macros**

  Big Button (Bar 6, Button 1, Keybinding 1)

  /target focus
  /follow
  /assist
  /stopcasting

  Focus button (Bar 6, Button 2, Keybinding 2)

  /target main (where main is your character name of your main)
  /focus

  Mount button (Bar 6, Button 3, Keybinding F1)

  /mount nameofyourmount

  Dismount button (Bar 6, Button 4, Keybinding F2)

  /dismount

  Accept button (Bar 6, Button 5, Keybinding F3)
  (This one will accept invites, quests, trades etc)

  /script AcceptGroup();
  /script AcceptQuest();
  /script AcceptTrade();
  /script RetrieveCorpse();
  /script RepopMe()

  Lightning Bolt (Bar 1, Button 1, Keybinding Q)

  /assist focus
  /cast [exists,harm] Lightning bolt

  Earth Shock with Purge (Bar 1, Button 2, Keybinding E)

  /assist focus
  #showtooltip
  /castsequence reset=combat/shift Earth shock, Purge;

  Healing Wave (Bar 1, Button 3, Keybinding 3 [= Mouse Button 4])
  (This macro on both alts make sure the mains gets healed)

  /cast [target=focus] Healing wave

  Thats my macros for now, i will add more when i get more spells in higher lvl.

2.4 [C] Macros

Short about the bars. As you can see i dont use any macro for Bar 2, i have the same setup on my main with Bar 2. No need for macro just use SHIFT-Q and SHIFT-E for those spells.

Alt characters picture of bars

Bar 3 and 4 are disabled, so only Bar 1, 2 and 5, 6 are showing.

Main character picture of bars

Bar 3 and 4 are disabled, so only Bar 1, 2 and 5, 6 are showing.

2.5 Addons

den 16 januari 2008
22:29

Ok, i will try to keep this chapter short. It will be way to much to write down to explain how to configure all the addons, so for people unknown to some of the addons please read the "readme" file in each folder for the addons.

- **Map & Quest addons**

  I use Lightheaded, TomTom and Doublewide for the Quests on my main character.
  Lightheaded uses Wowhead.com comments on each quest, this mean you can read the comments directly in wow instead of ALT-TABING out to Explorer / Firefox reading about the quest. TomTom is for quest notes, this means that if you read a comment in the quest with Lightheaded you can just right click the cords in the comment and TomTom will put in on your map.
  (This addons is not good to have on your alts since it uses some memory, by the way, why use it on the alts, they are allways with you anyway :D)

  Cartographer is map addon, shows you cords and you can put notes by CTRL- rightclicking on the map.

- **Frame & Bars**

  Ag_Unitframe is used for controlling all the frames, all kind of things can be done here, its up to you to configure it the way you want it.
  Bartender 3. Since i allways has used it! Im gonna try bongos sometime but not now. Bartender3 has many features so please make sure to check it out. SHIFT-leftclick on Bartender3 in the fubar to show the Bars. Just left click those bars you dont want to show. Green = showing, Red = not showing.

  Fullscreen Image http://www.digitek.se/dualboxing/3boxing.jpg

- **Clique** (Now its time for healing in a smarter way!!!)

  This addon is absolutely incredible, i cant live without it. Works like this....
  Open your spell book, you will now see an extra tab below the other ones on the right side of your spellbook. Thats Clique!!! Just look up your Healing wave and left click it. DONE!
  Now you can left click on your characters frames in the party to quickly heal them. Do the same setup on each character, and when using "mouse follow focus" in Keyclone you can just drag the mouse to the other characters window and left click a party frame to heal that player.
  This addon can do more stuff but it only works on frames, not on the mob itselfs. You can add harmful spells like Lightning Bolt and add it to Right click on your mouse. Just remeber that Clique doesent affect your keybindings at all. As long you have the mouse over a player fram you can have all kind of keybinding combinations that doesent affect the orginal key settings. (Hard to explain but try it out and you will get what i mean)

  This is why i dont use the healing function as much on my main, since i just move my mouse over one of the alts party frame and left clicking to heal him. No need of a spell. (now i have a spell on MB5 if you check my picture in earlier chapter, thats becourse i want to heal myself sometimes with only a mouse click)

- **In general**, if you are using one monitor and having small screens like me, a tip is to scale the frames, this is done in ag_untiframe setup. And in the fubar config you can change the scale for the fubar text so its easier to read. A real pain to setup for each character since you can change the scale on each frame but its worth it in the long run!

3.0 Lets play

Time to play. Log on, config all things you need, it will take time. But its worth every secound! If you manage to get an setup you like, and keybindings that feels natural for you, you will love to dual-box or even 3-4-5-10-25 ??? Its up to you! Good luck.

3.1 Summary

So you did manage to read all the way to the last page. Great!
I really hope it was some useful information for you and that you will be able to start multiboxing as soon as possible.

I did this guide for beginners and it will allways be for beginners. So if you are a more experienced user / multiboxer please keep in mind that all aspects cant be included in this guide. With that said its not a rule that you guys cant tell me to change, add or correct the information in this guide. I am more then happy if all of you out there who is multiboxing can provide me with information needed for this guide to survive and to make it an easy way for beginners. We have to stick to simplicity. I will continue to work on the guide, maybe not 24 hours each day, but as long i feel its useful.

If someone feels that some of the information is authorized and shouldnt be here please let me know ASAP and i will delete or correct it.

Many thanks for reading this guide.
(Remember that the information in this guide is written by other users on www.dual-boxing.com)

Best regards
PJ