

Warbot User Manual

<http://poker-bot.org>

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LIST OF CURRENTLY SUPPORTED ROOMS

The list of rooms, which are at the moment supported by WarBot is always updated at the main page of our website: <http://poker-bot.org>

Please note that our bot will not automatically work with other skins on the same network, and must be specifically programmed to work at each site we support.

USING VIRTUAL MACHINE

Although you can run the bot straight in your host operating system (assuming that your host Windows version is supported for your desired poker room – check the table at <http://poker-bot.org>), it may be convenient to install virtual machine (VM) and run all your poker-related stuff inside: poker-rooms, the bot, PokerTracker, etc..

A virtual machine is a software computer that, like a physical computer, runs an operating system and applications. The virtual machine is comprised of a set of specification and configuration files and is backed by the physical resources of a host. Every virtual machine has virtual devices that provide the same functionality as physical hardware and have additional benefits in terms of portability, manageability, and security. Virtual machines run in their own different environments, isolated from each other.

Using VM for botting has some serious advantages:

- You don't need to change/configure your main OS if poker-room or the bot demands other Windows version, or configuration. You can even do it on Mac/Linux computer.
- When poker-rooms and bots are running in VM, you are free to use your main OS like you wish. VM can run completely in background, minimized.
- You can set large virtual screen resolutions like 6400x1200, which is probably unachievable for your real monitor. It allows you to open a lot of tables without overlapping, even if table size is big.

There are some popular virtual machines like VMWare and VirtualBox. You can use any, but if you are new to this, we recommend VirtualBox (<https://www.virtualbox.org/wiki/Downloads>), because it's free, lightweight, and easy to install.

CONFIGURING YOUR OS

WINDOWS THEME

WinXP:

Set your Windows theme to "Windows classic", to minimize risk of incompatibility:

right-click on your desktop, go to Properties - Themes and choose "Windows Classic";

Vista/Win7:

Set your Windows theme to "Windows classic", to minimize risk of incompatibility:

go to Control Panel - Themes, choose "Windows Classic".

Windows 8/10:

no changes needed. Ignore warning messages at start.

DPI SETTINGS

Windows XP

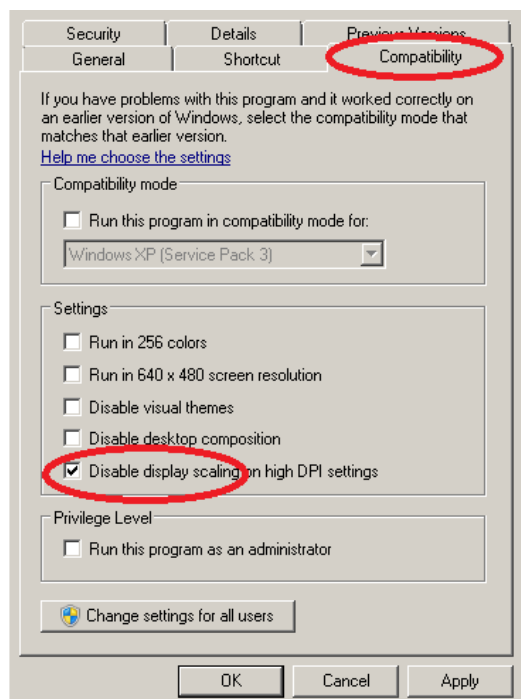
Right click on an empty area on the desktop then choose Properties in the pop up menu. Click on the Settings tab in the Properties dialog. Then click on the Advanced button. Change the DPI setting to 96 Bit in the General tab. Click on OK in the Advanced dialog and on Ok again in the Properties dialog. Note that this change requires you to shut down and restart your windows machine in order for it to take effect so you MUST restart your machine after making this change.

Vista, W7, W8, W10

Right click on an empty area on the desktop then choose Personalize in the pop up menu. In the dialog box that shows up, click on the Display link at the bottom left corner. You will then see a screen titled "Make it easier to read what's

on your screen". On this screen select the option titled "Smaller – 100% (default)". Then click on the Apply button. A dialog box will come up with the title "You must log off your computer to apply these changes". Click on "Log of Now" button.

Sometimes this option helps to solve problems with DPI (Right click on poker client icon and go to "Preferences"):



LANGUAGE SETTINGS

Warbot needs your Windows language to be in English at most of our supported poker rooms (some special regional rooms are exceptions). From the Control Panel in Windows, find the **Language and Regional Options**. Set this to **English / United States**. (Please note that *English / United Kingdom* can cause problems due to their using commas in place of decimals, so do not use that)

If your native Windows language is not English you also need to adjust your language for non-unicode programs. Here is the path for doing that in Windows 7:

Control Panel >

Clock Language and Region >

Change Keyboards or other input methods > **set keyboard language to English here**

Administrative tab >

Language for non-unicode programs > **here set this to English/US**

Don't forget to make sure your keyboard language is set to English /US on the third step on the above path.

TURN OFF CLEAR TYPE

Windows XP:

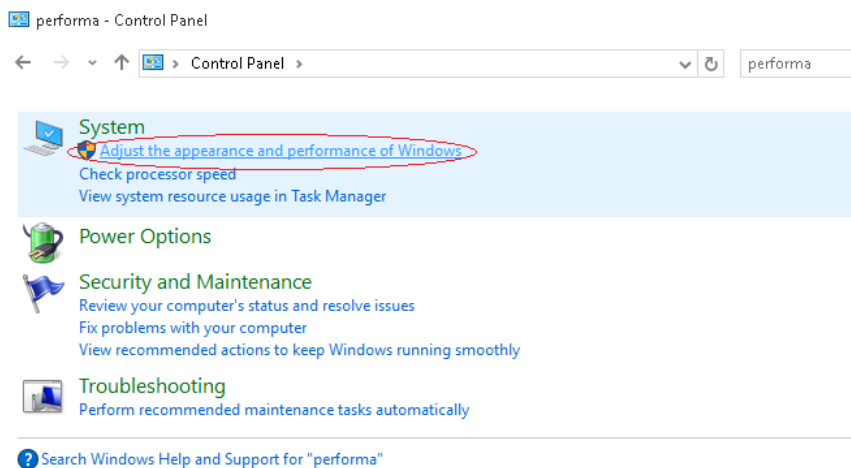
right-click on your desktop, go to Properties - Appearance, click Effects and turn off "Use the following method to smooth ..."

Vista/Windows 7:

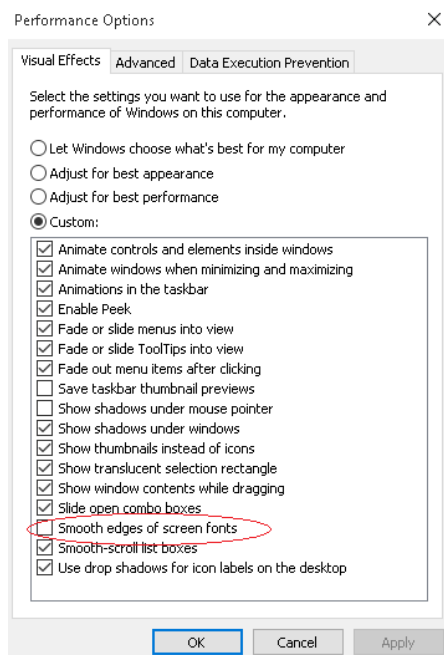
go to ControlPanel\System\Performance Information and Tools\Adjust Visual Effects [sidebar],
then select "Adjust for best performance" and click OK.

Windows 8/10:

go to Control Panel, enter "performance" in search box and click "Adjust appearance and performance"



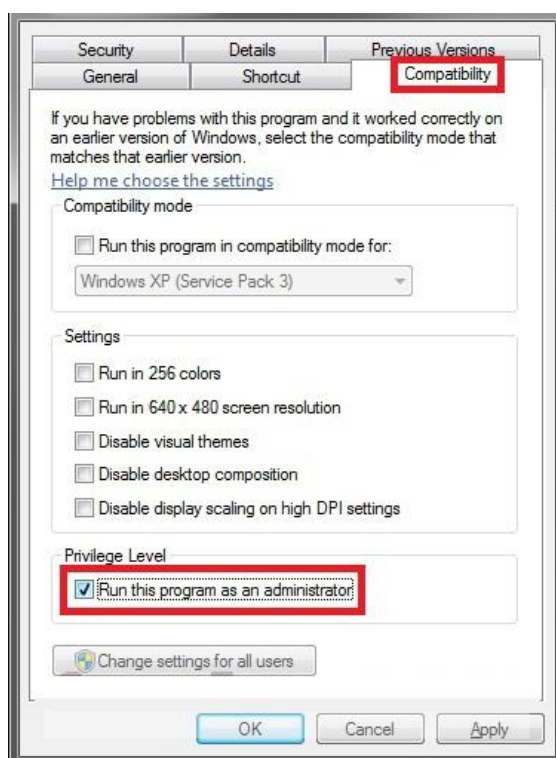
then uncheck "Smooth edges of screen fonts" and click OK:



IMPORTANT: If you're using Win7 and higher, you need to always run your bot and resizing/additional tools (if needed) as administrator. Otherwise, the bot can experience issues with clicking buttons and typing bets.

To do that, install your bot (read "Installing and starting the bot" chapter), then right-click on the bot .exe file (usually GamingTools.exe), then click on Properties and Compatibility tab. (see screenshot below)

NOTE: If you are doing this while logged on as a standard user instead of an administrator, then you will need to also click on the Change settings for all users button and type in the administrator's password.



Every poker-room software that you intend to use with the bot, must be properly configured. But first of all, make sure that it is installed in English language (except for few specific regional casinos). If not, uninstall it and install again in English.

Detailed instructions for every poker-room supported by the bot can be found in “PokerRoom Settings” folder at

<http://poker-bot.org/roomsettings/>

STARTING THE BOT

IMPORTANT: If you're going to use your bot for PokerStars, you will need to run the bot in so-called "[Stealth Setup](#)" mode.

This way the casino can't detect the bot instantly. However, PokerStars is hunting for bots, and bans happen there from time to time. Use it at your own risk, or choose any other casino.

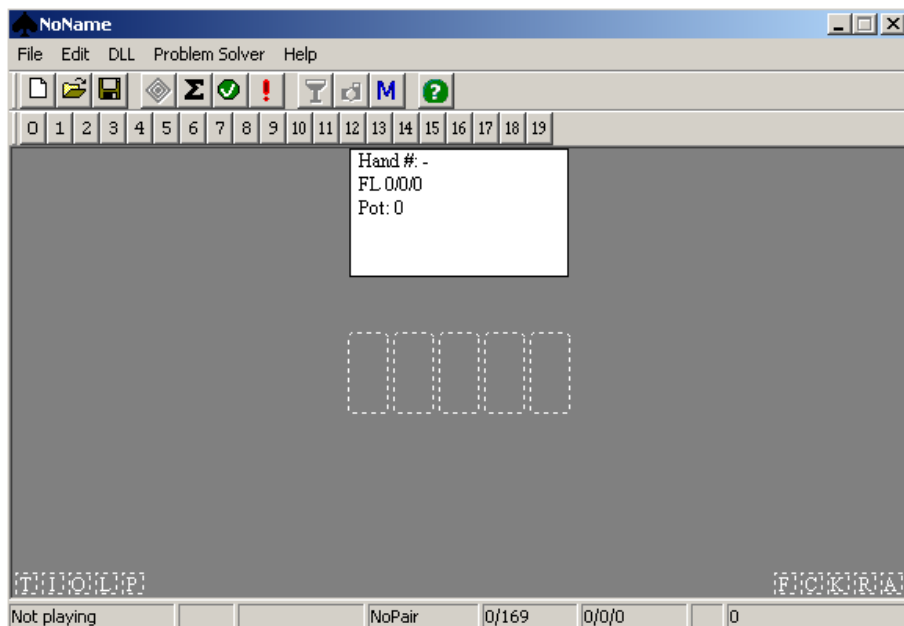
For safety reasons, please play on PokerStars manually from time to time (20-30% of time) - it highly reduces risk of ban!

All the rest poker-rooms can be started without any special stealth setup. Hiding the bot is completely unnecessary there.

Ok, now you're ready to start your bot.

After installing the software, you will see new shortcut called "[GamingTools](#)" on your desktop and also new Start Menu program group named "[Warbot](#)", which contains the main program shortcut and also manuals shortcuts. Click "[GamingTools](#)" to run your bot.

The bot will be started in a moment:



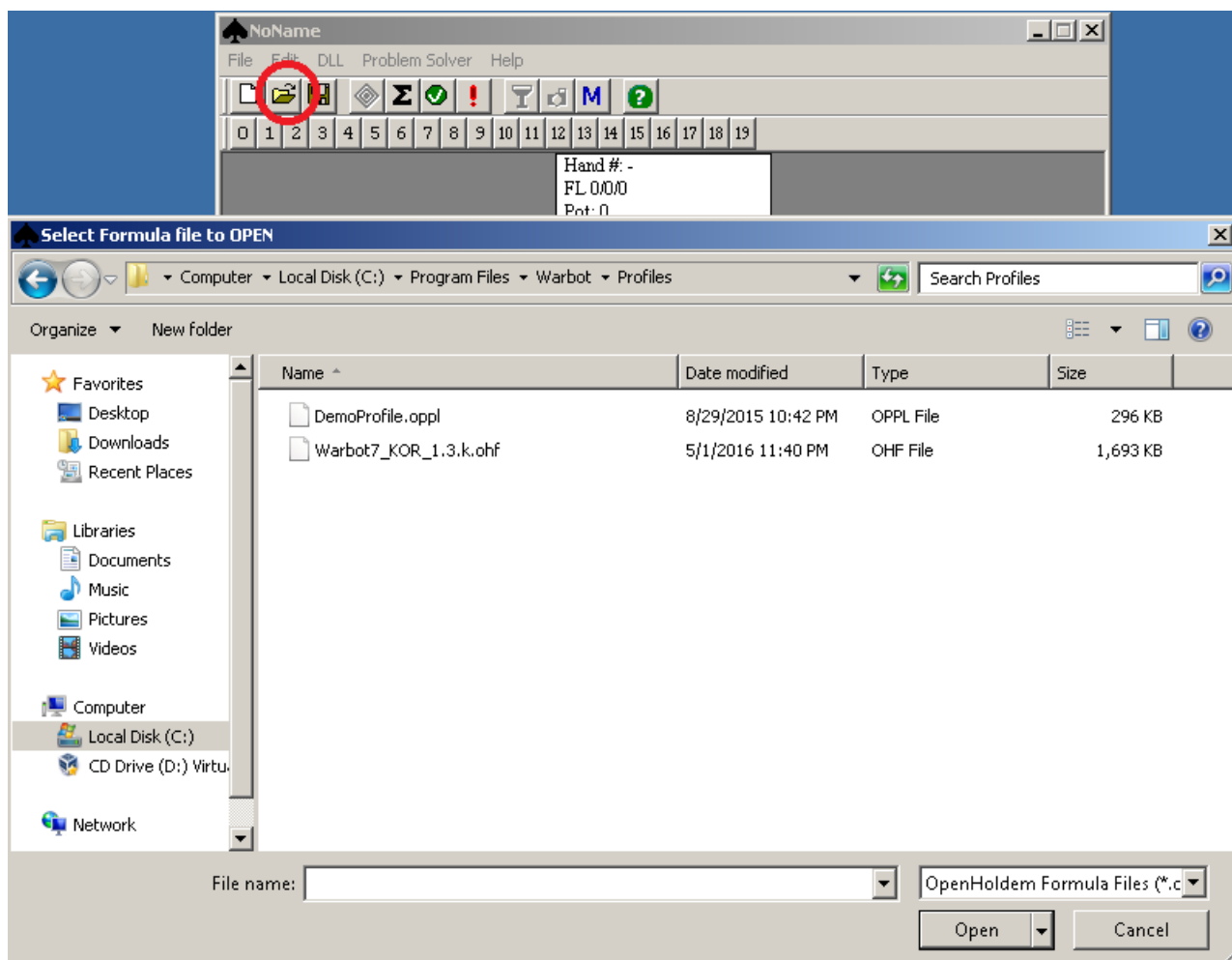
Now it's running with no (empty) profile. Next chapter shows how to load profiles into the bot.

USING PROFILES

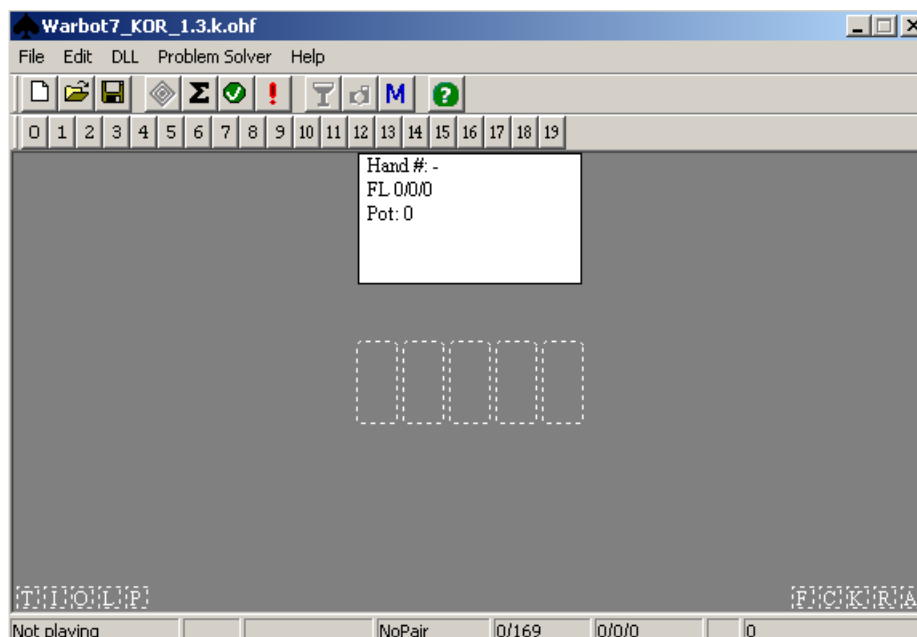
The bot gets its playing instructions from special .ohf/.oppl files, called “Profiles” (or “Formulas”). We recommend to keep them in “Profiles” folder inside your bot folder (by default it is C:\Program Files\Warbot\Profiles). There are profiles for cash, mtt, sng games, profiles for DoN, Fixed Limit cash games, speed/fast fold games etc. Some of them are designed to play only short-handed games, some are for full-ring games, some are universal.

Payed version of Warbot comes with “[King Of The Ring](#)” profile, that is kind of universal. But if you are going to buy more profiles in our [store](#), you should understand that for successful botting, it is essential to use profiles for their main purposes.

When you start the bot for the first time, it has no loaded profile. You need to load some profile (formula) right away before you connect to any table. Make sure that autoplayer (rhomb) button is disabled and click “open” icon to choose some profile(formula) for your first game:



After the profile is loaded you will see its name in window's caption:



Profile called "Warbot7_KOR_1.3.k" is loaded and active

CONNECTING THE BOT TO POKER TABLE

When your profile is loaded, you can sit down at some table. Bot will connect to it and start auto-playing when your hole cards appear. Here we'll show how to connect the bot to Poker888 6max cash NL table.

First of all, you need to setup your poker-room client, according to [Poker Room Settings](#).

Open your table and sit in. If possible, always choose "Wait for big blind" option.

After the table is opened and clearly seen, the bot should auto-connect and start playing (when your cards appear).



It is essential to understand whether the bot reads all data correctly or not. Game actions depend on it.

Every time you're connecting to new table you must check if the bot can recognize all important information:

- Active tablemap means the name of tablemap file, that is currently in charge. Watch it to match your table specification. In our example, we're playing 6max cash table in 888 room, so our tablemap is correct.
- Autoplayer button. It is a "rhomb" button on your toolbar. When it is pressed, the autoplayer is engaged. It means that the bot will do all actions automatically. If you want to pause it (for example do some action yourself or edit profile) you can just deactivate autoplayer button for a while. But the bot will still read all data.

- Formula (profile) editor. Use it to edit loaded formula(profile). More about it later in manual.
- Blinds. You can see it in the white box after "NL" symbols. 0.01/0.02/0.04 means that small blind is 1c, big blind is 2c and big bet (only for FL games) is 4c. **Matching blinds with real ones is extremely important!**
- Pot. It is right under blinds. In this case it is 6 cents.
- Balances. Compare players' balances with what you really have on your table.
- Seated/active players. Seated player is marked with a circle (you can see it over balance box). Active players (which are not seated out) have white circles. When somebody goes in sitout, his circle becomes gray.
- Opponent's cards. Yellow card rectangles mean that player is holding cards right now. Gray(empty) boxes mean that he folded or not in the game.
- Dealer button. Dealer button is marked with small red circle.
- Common cards. You can see them in the middle of bot window. They must always match those on the real table.
- Your hole cards. You can see them over your balance.
- Possible actions (buttons). FCKRA buttons mean Fold / Call / Check / Raise /Allin. If the letter is lighted, it means that this button is visible and active.
- Flags (in the lower-bottom corner) also mean possible actions: Autopost blinds/Sitin/Sitout/Leave table/Prefold. Usually the bot doesn't control autopost/leave actions, but sitin/sitout/prefold actions are often supported (depends on tablemap and casino).

From time to time a supported poker room can upgrade their software in a manner that temporarily causes misscrapes. Usually we will update our tablemaps quickly and send to existing customers, but if you have noticed that something is wrong, and the bot reads data incorrectly, please contact our support at warbotcontact@gmail.com and explain your issue, we will try to assist.

CONNECTING POKERTRACKER

Some profiles are able to get stats from PokerTracker database and use it to your benefit. Check profile description on our site to make sure that it uses PokerTracker stats.

Recommended steps to install PokerTracker, before using it with Warbot:

- 1) If you are using virtual machine, set at least 1 GB of memory (RAM)
- 2) At first install PostGreSQL database, which interacts with Warbot:
<http://www.enterprisedb.com/products-services-training/pgdownload#windows>

At the moment of writing this manual, *version 9.0.23* was tested and working well with the bot under virtual WinXP (VMWare), so we recommend to install this version. Latest PostGres installers can cause troubleshootings.

No need to install "Stack Builder", when it asks for it.

It will also ask you to enter password for your database. Remember it, you will need it later.

- 3) Now install PokerTracker from official link (or whatever you find):
<https://www.pokertracker.com/>

Then, in Warbot, you need to setup PokerTracker access properties, in order to connect to your database. Click Edit – Preferences and enter PokerTracker tab:

The screenshot shows the 'OpenHoldem Preferences' window with the 'Poker Tracker v4' tab selected. The sidebar on the left lists various categories, with 'Poker Tracker v4' highlighted. The main area contains the following fields:

Field	Value
Host Name / IP Address	127.0.0.1
Port	5432
Username	postgres
Password	dbpass
DB Name	PT4 DB

A 'Test' button is located at the bottom right of the main area.

- *Host Name / IP Address, Port, Username, Password, DB Name*: These are the parameters that you entered when you setup your Poker Tracker PostgreSQL database. Enter them here so Warbot knows how to connect to your database. Usually, you just need to enter your DB password. All the rest settings are already there, if you didn't change default settings during PostGre installation.
- *Test*: This button will test the connection to the Poker Tracker database as specified by the above parameters and will report success or failure codes.

Disable HUD (Heads-up-display), when using bot! It prevents the bot from properly reading screen data. Also, you don't have your PokerTracker to be running with the bot. The bot gets stats from database, not from PokerTracker app itself.

MULTITABLING

In order to bot on more than one table, you need to run as much instances of your bot, as many tables you have. Profiles also must be loaded properly. Every appearing table, that is clearly seen on the screen, will be connected to unassigned (free) instance of the bot automatically.

You can minimize your bots to save screen space, but try to keep your tables fully visible.



You can open tables of different game types at the same time. And even from different casinos. For example you can play few cash games on Titan and SNG or MTT on 888Poker simultaneously.

Important:

Warbot is a screen-scraping bot, meaning that it reads everything from the screen. If you are not using Win8/Win10, you should avoid overlapping tables and especially never fully occlude them. This might lead to missing information or in the second case even to a hand-reset. Hand-reset means: all game-history lost, all variables reset, and this is not what you want.

* Win8/Win10 allows to scrape tables even if they are overlapped.

RAKEBACK

Rakeback is necessary to show a worthwhile long-term profit for most cash games. Please sign up for your poker accounts through a reputable rakeback provider. If you don't have a bonus or rakeback going for you, you should only play SNG's or Tournaments.

You can signup for rakeback through our favorite provider by following this link:

<http://tinyurl.com/nu7gzcm>

STEALTH SETUP

“Stealth” techniques are used to avoid being detected by casino software. This method can be applied for any casino, although most poker-rooms that Warbot supports are safe and don't need any special setup. However, PokerStars will ban you if running the bot there naked. And it is recommended to use Stealth for some other casinos too.

Procedures described in this chapter are for experienced computer users. Of course, we will always support you and assist, but if you feel that you are not ready for this – please choose some safe poker room for your botting and don't bother with complicated stuff.

Our setup will include following steps:

- 1) Creating “Ninja” (stealth) folder for Warbot and restricting your casino software from accessing this folder.
- 2) Hiding Warbot from Windows task-list and processes-list.
- 3) Final tweaks.

Ninja Folders

This article explains the basic steps for creating a windows folder that will be as secure as it can possibly be under the NTFS file system. The general goal is to create a folder that is owned by a single windows user account such that no other user account may access the folder - not even the system or the admin account.

Prerequisites:

- 1) knowledge of creating/modifying user account
- 2) knowledge of windows explorer
- 3) knowledge of NTFS permissions

It is assumed that the reader understands how to create/modify a user account and how to use Windows Explorer to navigate folder space and how to modify folder properties/permissions.

Step 1 - login to your admin account

Step 2 - create/decide target account (from admin account)

This account will own the hyper-safe folder. For the purpose of this example, the account name "ninja" will be used (name it differently). The "ninja" account must meet the following requirements:

- a) it cannot be the Administrator account
- b) it cannot be part of the Administrator group
- c) it cannot be part of any group except the default users group.

If you need/want to create a special "ninja" account then do that first according to the restrictions above. If the account already exists then make sure it meets the requirements above.

Step 3 - create the target folder (from admin account)

Your goal here is to create/decide the target folder. In an ideal world you would create a top level folder on an empty local (non-shared/not-networked) hard drive where "ninja" has full control over that disk. If this is not possible then the next best thing is a top level folder on a non-shared drive. If this is not possible then you must select a location where "ninja" will have access to the parent folder so that it can access its private folder.

Step 4 - permissions (from admin account)

Select the properties for the folder and select the security tab add "ninja" to the access list and grant "ninja" full control. Remove all other users/groups from the access list, which will effectively shut out the entire world. There should be exactly one account in the access list and that account should be "<host>/ninja". Uncheck/unselect "Allow inheritable permissions from parent to propagate to this object". The reason for this is that you want this folder and it's permissions to be the root node for all children below it. If you do not do this then permissions defined for the parent above your root folder will filter down to your folder and the children in your folder and you do not want that. Note that you cannot give ownership of objects in NTFS, you can only "take" ownership with the account you're currently using. You will take ownership of the folder later when you login to the "ninja" account.

Step 5 - logout of the admin account

Step 6 - login to your "ninja" account

Step 7 - ownership (from ninja account)

Select the properties for your "safe" folder and verify that "ninja" is the only account in the access list. Click the advanced button and goto the owner tab and select the "ninja" account. Check "Replace owner ..." and click "Apply". You should now be the full owner of your "safe" folder and everything below it.

Step 8 - permissions (from ninja account)

Click the permissions tab and check "Reset permissions on all child objects ...". Uncheck "Allow inheritable permissions from parent ..." (note this should already be unchecked since you did that from the admin account), then click apply. This will go quickly if the folder is empty. It can take seconds or minutes or more depending on the children folder tree below you.

Step 9 - verify

Create a test child folder inside your "safe" folder, view the properties and verify that "ninja" is the owner with full control and that no other account has access. If this is not the case then you missed a step above (probably the "Allow inheritable permissions ..." in step 4).

Step 10 - logout of the "ninja" account

Step 11 - login to the admin account

Step 12 - verify

Try to access the "safe" folder. You should not be able to access the contents of the folder nor modify the folder properties/permissions. As an admin you can still take ownership of the folder but until then the admin access is denied.

Casino software

If the casino software demands admin privileges to install/update/run, and if you've successfully accomplished all 12 of these steps, then their software running as admin cannot automatically read your stealth drive(s) / folder(s) - the contents are very much private. So, after we put the bot folder into our "ninja" folder, casino software can't reach it.

Running the bot

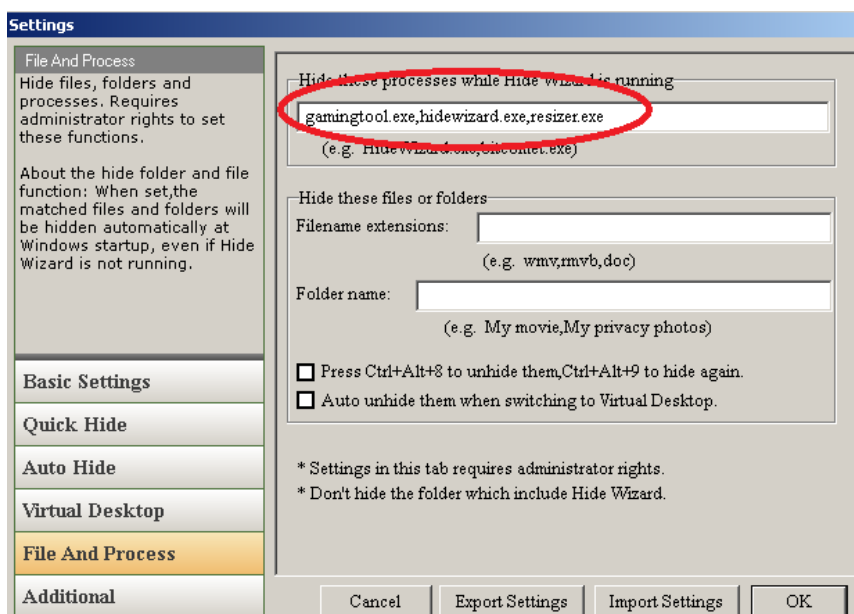
After you copied contents of Warbot folder into your "ninja" folder, you can't access it from admin account, but you can run command prompt "as Ninja used", then navigate to your safe folder and execute main .exe file.

Hiding Warbot from application-list and process-list

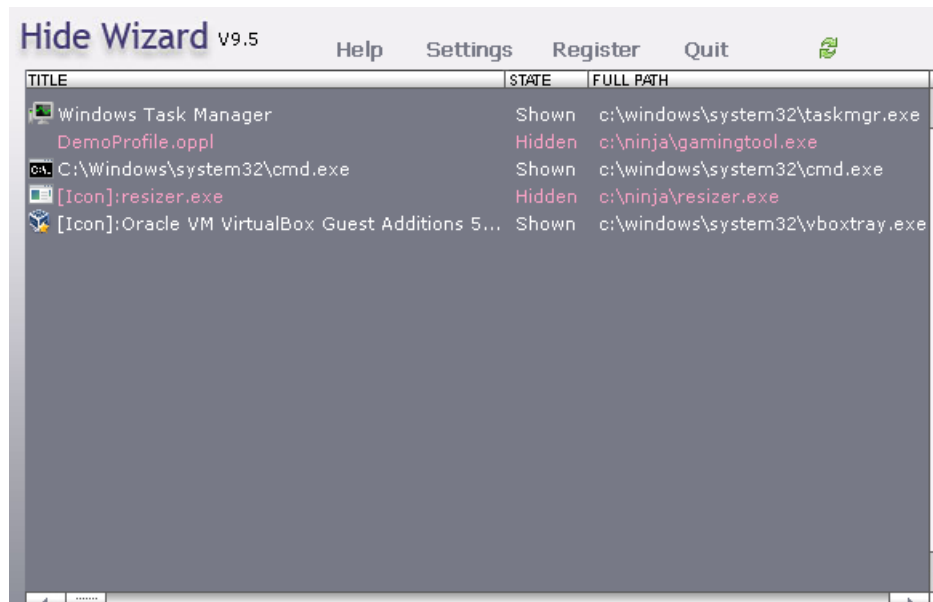
Now the bot can't be detected on hard-drive, but it's still visible in TaskManager (taskmgr.exe)

To hide it from process-list and "running apps" list, we will use extra software called "Hide Wizard" (<http://www.mediafire.com/download/le7k30w1szbj27b/HWW9.5.zip>). Download it and install (rarely, but some antivirus software shows alerts. However, we successfully tested it and we are pretty sure it is safe).

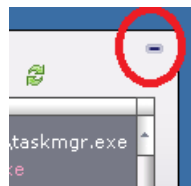
Start Warbot and HideWizard. In HideWizard, go to Settings and add Warbot, resizer and HideWizard executables to "hide processes" list: (**works only in x32 bit Windows!**)



Then go to main screen and double-click on the Warbot and resizer apps to hide them from screen and taskbar:



Finally, click “minimize” button to hide the program from the screen (it will be available from tray-bar):



Final tweaks

After all necessary steps are done, we also recommend to:

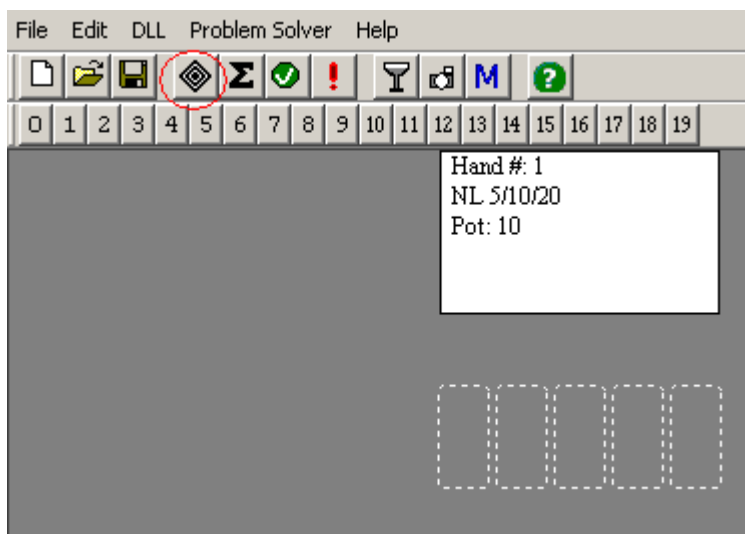
- 1) clear your desktop from all bot-related shortcuts
- 2) set “Auto-hide” taskbar to hide it from the bottom of the screen
- 3) go to Warbot Preferences -> Stealth. Enable “simple main window title”. Rename Mutex and Windows Class Name
- 4) you can also rename main executable Warbot file

Start the bot, hide it using HideWizard, then start your casino and when you join the game, the bot should connect and start playing.

Warning: we still don't guarantee 100% safety at PokerStars even if using this stealth method!

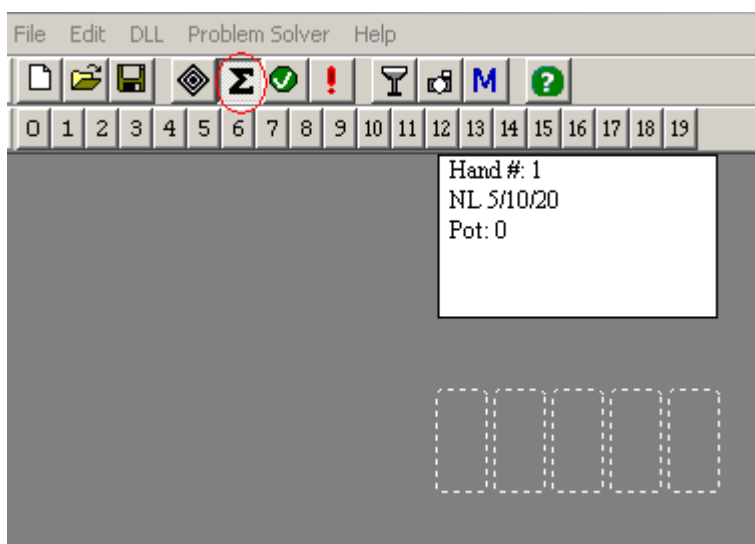
HOW TO EDIT/CREATE PROFILES

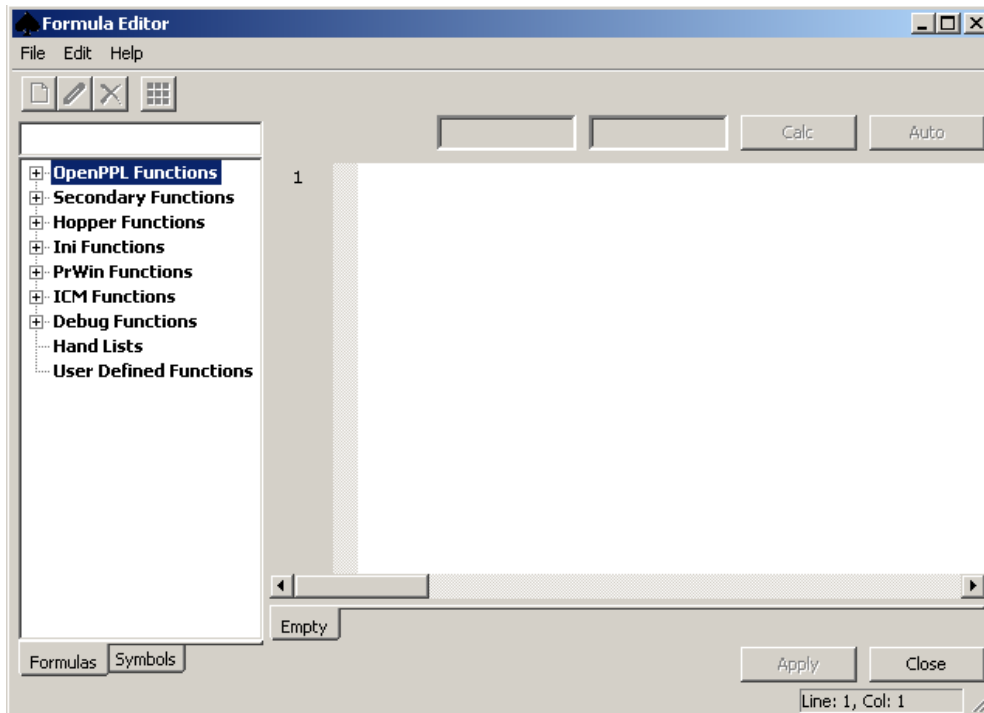
Before starting to edit your profile, make sure that Autoplayer it turned off:



THE FORMULA EDITOR

When the “Edit/Formula” menu option is selected, or the “Sigma” button on the main toolbar is clicked, the following window is opened:





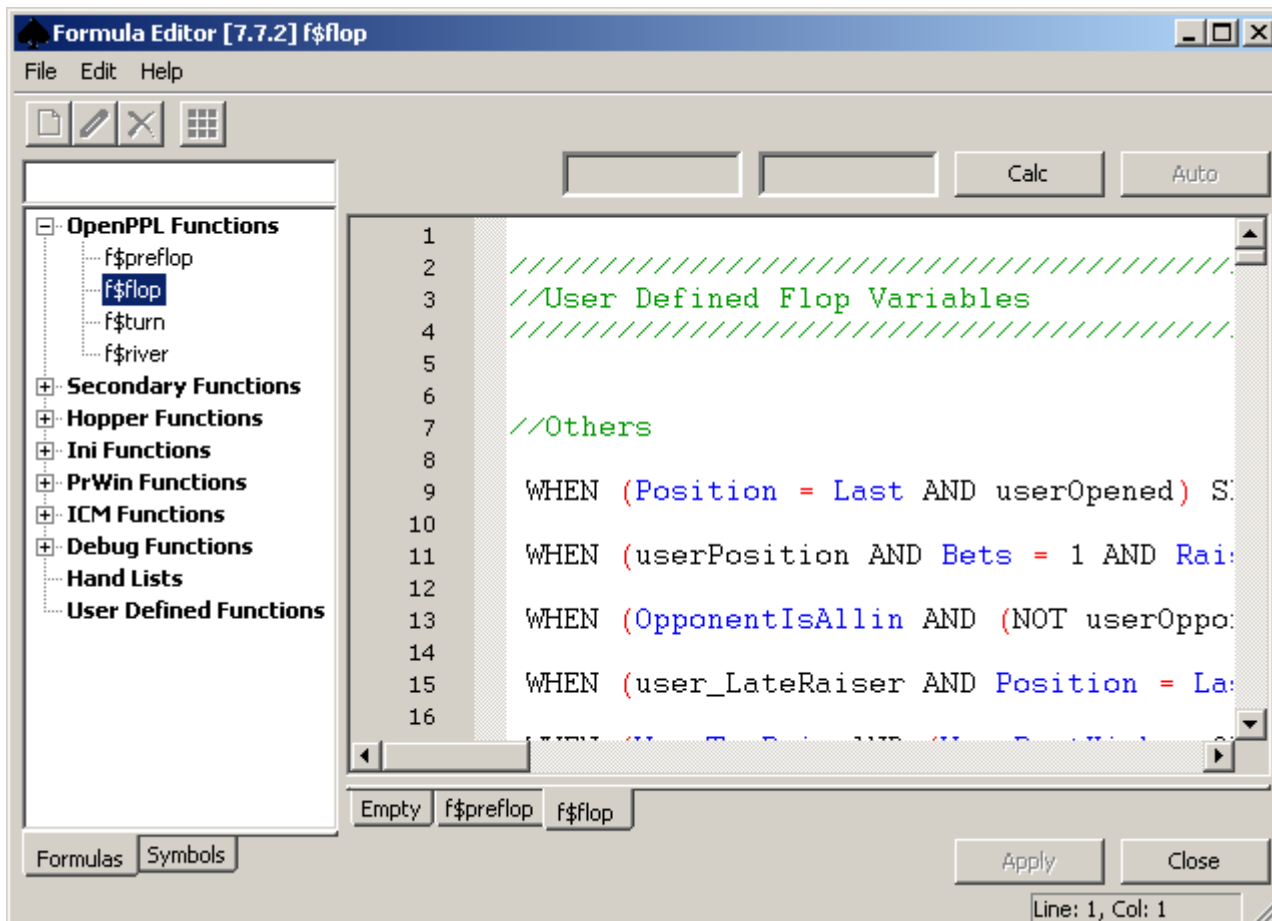
On the left side of this window is a tree (“Formulas”) that allows you to select the various functions that are present in your loaded formula file. Functions you see in the screenshot above will be present in every formula file, as these functions are central to how you instruct Warbot to make poker decisions.

There are “results” field, “Calc” and an “Auto” button above the editor control. The “Calc” button will calculate the currently selected function and display the results in the “results” field. The “Auto” button is only available when the “f\$debug” function is selected, and will cause the information displayed in editor control to be updated once every screen scrape cycle.

Below the editor control are “Apply” and “Close” buttons. “Apply” button will activate changes that you’ve done to profile. “Close” button will close formula editor

OpenPPL functions

“OpenPPL functions” tab allows you to access 4 primary functions that controls the profile logic: preflop, flop, turn and river. Each of those functions returns some logic decision, that applies to different game stages accordingly. You can read about OpenPPL language later in this manual.



Secondary functions

The following table describes the secondary functions. These are secondary, because they do not directly instruct the Autoplayer to take action, but rather are used indirectly to determine the action, some of which are not the traditional poker actions of all-in, raising, checking, calling or folding.

f\$prefold: if this function evaluates to non-zero, and a pre-fold button is visible on the poker table window (as defined in the TableMap), then Warbot will engage that pre-fold button as soon as it can (which may be before it is your turn to act).

f\$delay: The function controls how long to delay, before taking a poker action. The function evaluates to the delay time in milliseconds.

An example of this might be: *random * 3000*

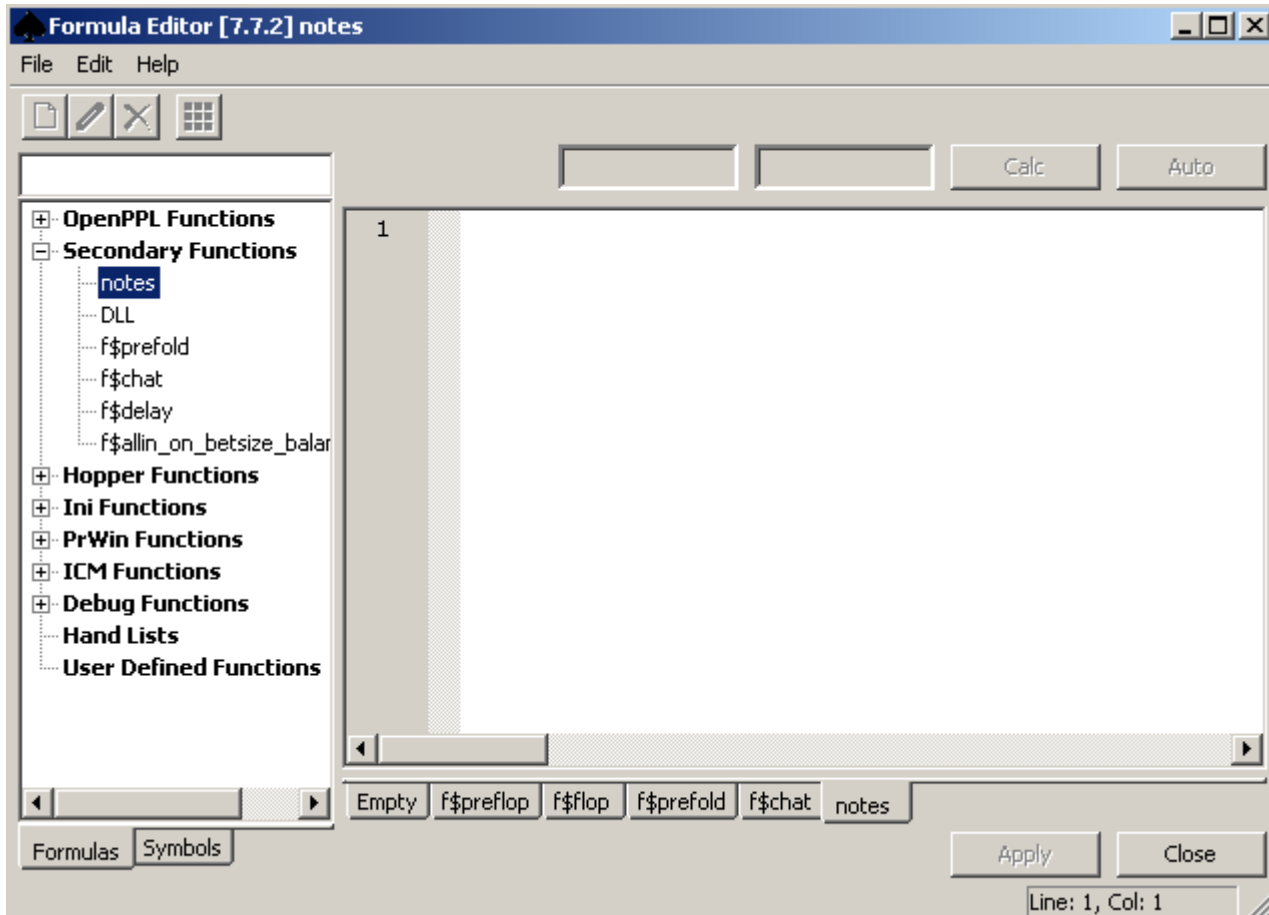
This function says to randomly delay the Autoplayer’s action from zero to three seconds.

f\$allin_on_betsize_balance_ratio: Allin if betsize is more than X% of our total balance (including currentbet).

Examples:

0.00 (it means 0% = disabled)

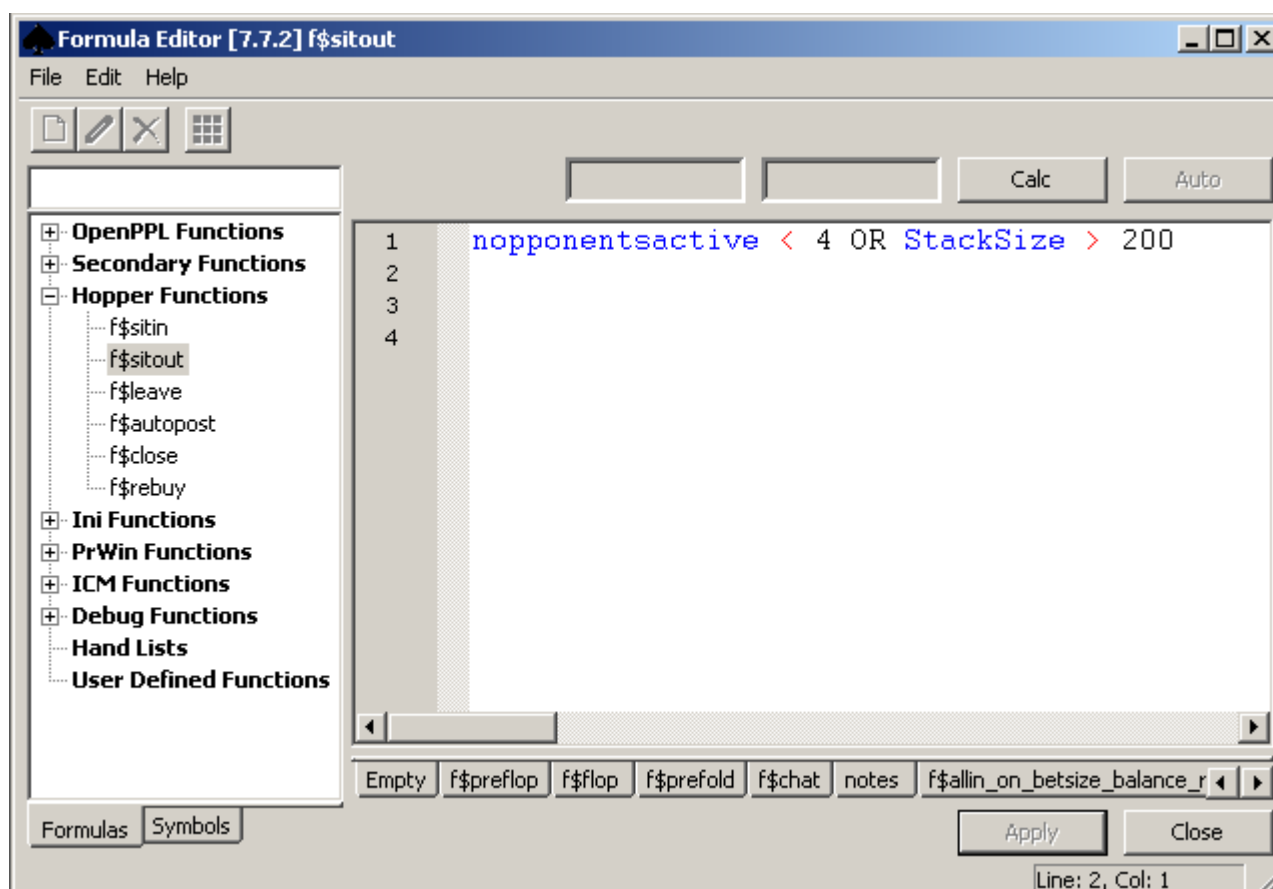
0.80 (it means to go all-in if our bets is more than 80% of our total balance)



Hopper functions

These functions control sitting in / sitting out / leaving / closing tables, etc..

Usually tablemaps and profiles only use sitin/sitout functions, leaving the rest for the user.



Debug functions

The debug function operates differently than the other function. Its purpose is to allow for arbitrary expressions to be evaluated and the results of those expressions to be displayed. To add a new expression add a new line with an equal sign, followed by the expression. For example:

= 2+2

= f\$UserDefinedFormula

= nopponents

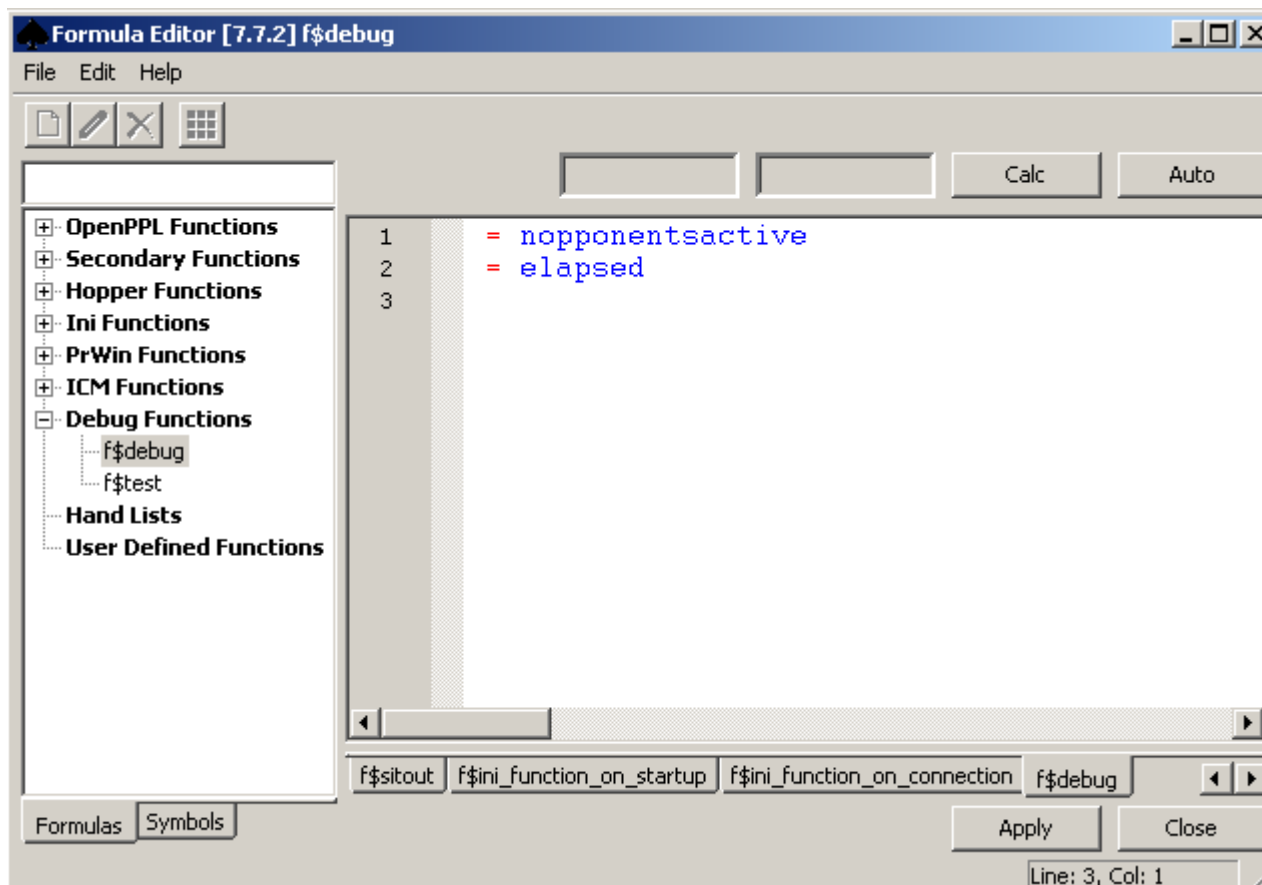
In order for the results to be displayed you must either press the 'Calc' or 'Auto' button. The 'Auto' button will recalculate the debug formula once each heartbeat.

For example:

4 = 2+2

1 = f\$UserDefinedFormula

6 = nopponents



OPENPPL LANGUAGE

PPL is an acronym for Poker Programming Language, a language to program poker bots. It is simple and intuitive, that's why becoming so popular among poker-botting community. To learn it in-depth, please refer to special OpenPPL manual (OpenPPL_Manual.chm file inside your bot folder).

WARBOT SCRIPT LANGUAGE

Along with OpenPPL, you can use internal Warbot scripting language, which is similar to "C programming language" and sometimes can be helpful.

Main operators

Category	Operator(s)
Exponentiation	**
Multiplicative	* / %
Additive	+ -
Equality	==(equal) !=(not equal)
Logican AND	&&
Logical OR	
Conditional	? :
Group	() [] {}
Comment (line is not executed)	//

Syntax

Script expressions are built in this logic:

"IF (condition1) THEN (return value1) ELSE

IF (condition2) THEN (return value2) ELSE

.....

return valueX"

Using script operators this expression becomes:

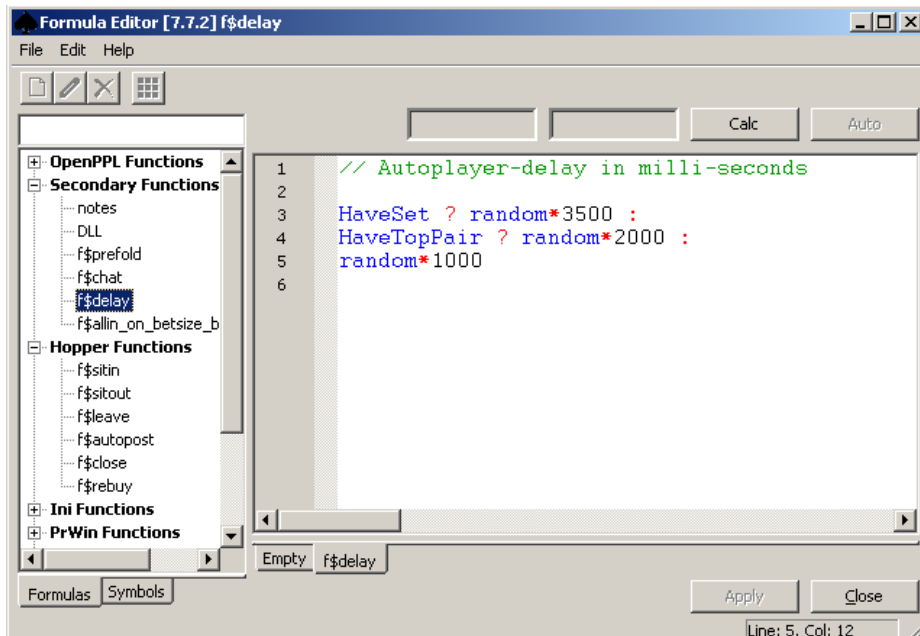
(condition1) ? : value1 :

(condition2) ? : value2 :

.....

valueX

Example below shows f\$delay function, which sets action delay depending on hand strength. It's 0..3.5 seconds for SET, 0..2 seconds for TOPPAIR and 0..1 second for the rest of hands:



Useful common symbols

You can use these symbols inside your code. They are not part of OpenPPL, but can be used along with it.

Symbol	Explanation
nchairs	Number of chairs that current tablemap uses
handnumber	the site hand number if available
sitename\$abc	true if user defined string "abc" appears within the Table Map symbol "s\$sitename" example: sitename\$888
bblind	Big blind amount
sblind	Small blind amount
betround	Betting round (1-4) 1=preflop, 2=flop, 3=turn, 4=river
prwin	the probability of winning this hand (0.000 - 1.000)
Prlos	the probability of losing this hand (0.000 - 1.000)
Prtie	the probability of tie (0.000 - 1.000)
random	random number between (0.000-1.000). Value is recalculated each time symbol appears in formula.
randomhand	random number between (0.000-1.000) for the hand. Value is calculated only once per hand.
randomround	random number between (0.000-1.000) for the current round. Value is calculated only once in current round.
islist0 - islist999	true if your hand is in the numbered (0-999) list
nplayersseated	number of players seated (including you) (0-10)
nplayersactive	number of players active (including you) (0-10)
nplayersdealt	number of players dealt (including you) (0-10)
nplayersplaying	number of players playing (including you) (0-10)
nopponentsseated	number of opponents seated (not including you) (0-9)
nopponentsactive	number of opponents active (not including you) (0-9)

nopponentsdealt	number of opponents dealt (not including you) (0-9)
nopponentsplaying	number of opponents playing (not including you) (0-9)
f0 - f19	true if flag 0 - flag 19 button is pressed, false otherwise
ncardsknown	total number of cards you can see (yours and commons)
elapsed	time in seconds since sitting down
elapsedhand	time in seconds since end of previous hand
elapsedauto	time in seconds since autoplayer took action
elapsedtoday	time in seconds since midnight GMT
issittingin	true when you are not being dealt out
issittingout	true when you are being dealt out

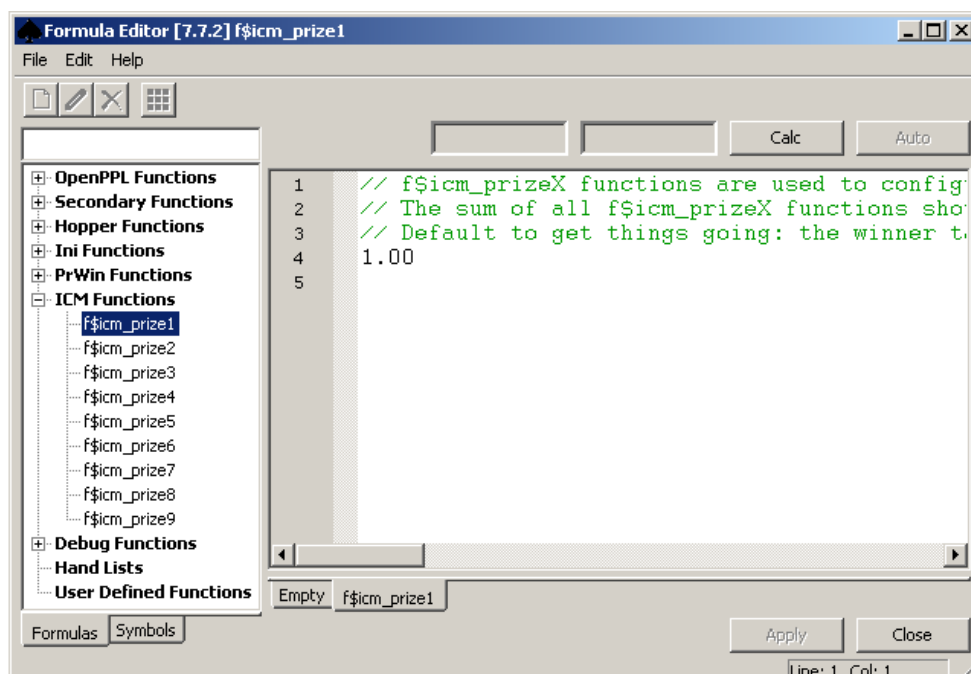
Table statistics symbols

Symbol	Explanation
flopct	percentage of players seeing the flop for the last 15 minutes
turnpct	percentage of players seeing the turn for the last 15 minutes
riverpct	percentage of players seeing the river for the last 15 minutes
avgbetspf	average number of bets preflop for the last 15 minutes
tablepfr	Pfr (preflop-raise) percentage preflop for the last 15 minutes
maxbalance	my highest balance during the session
handsplayed	number of hands played this session

ICM symbols

ICM preferences control how the Warbot Independent Chip Model calculator operates. There are a plethora of resources online for understanding the Independent Chip Model. Start here: <http://www.google.com/#hl=en&q=independent+chip+model>

You only need to setup those symbols if your profile specifically says that it supports ICM ! Otherwise just ignore it.



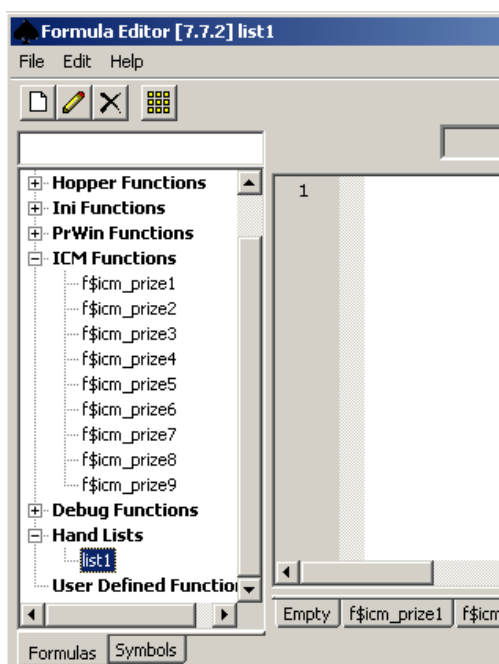
1st through 9th place: These settings specify the values of 1st through 9th place of your tournament, and are directly used in the ICM Engine's calculations. Specify percentages or absolute prize values here. Percentages should add up to 100%.

ICM symbols to use in functions:

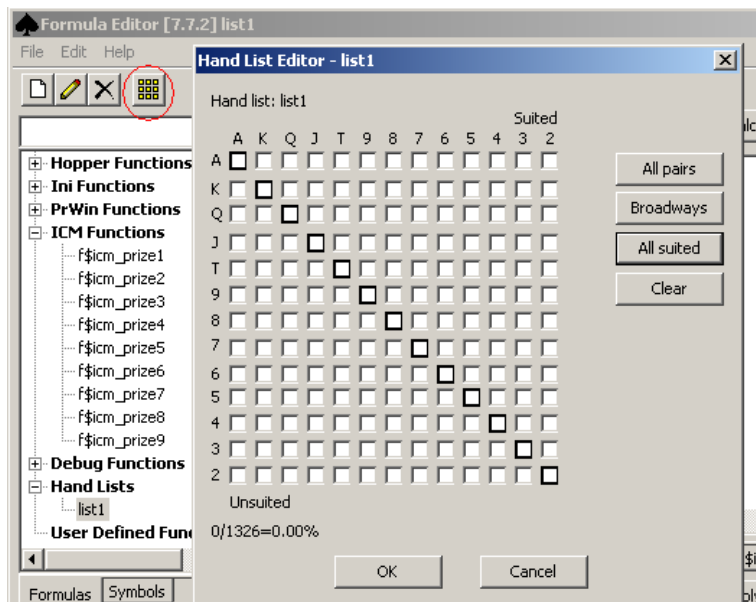
Symbol	Explanation
icm	my tournament equity before any action is considered (just balances)
icm_fold	my tournament equity if I fold
icm_callwin	my tournament equity if I call and win
icm_calllose	my tournament equity if I call and lose
icm_calltie	my tournament equity if I call and tie
icm_alliwin0 - icm_alliwin9	my tournament equity if I push all-in and win against 0 - 9 callers
icm_allilose1 - icm_allilose9	my tournament equity if I push all-in and lose against 0 - 9 callers

Using Hand Lists

To create hand list, select Hand list tab in formula editor and click “New” button. Then enter list name (example: list1):



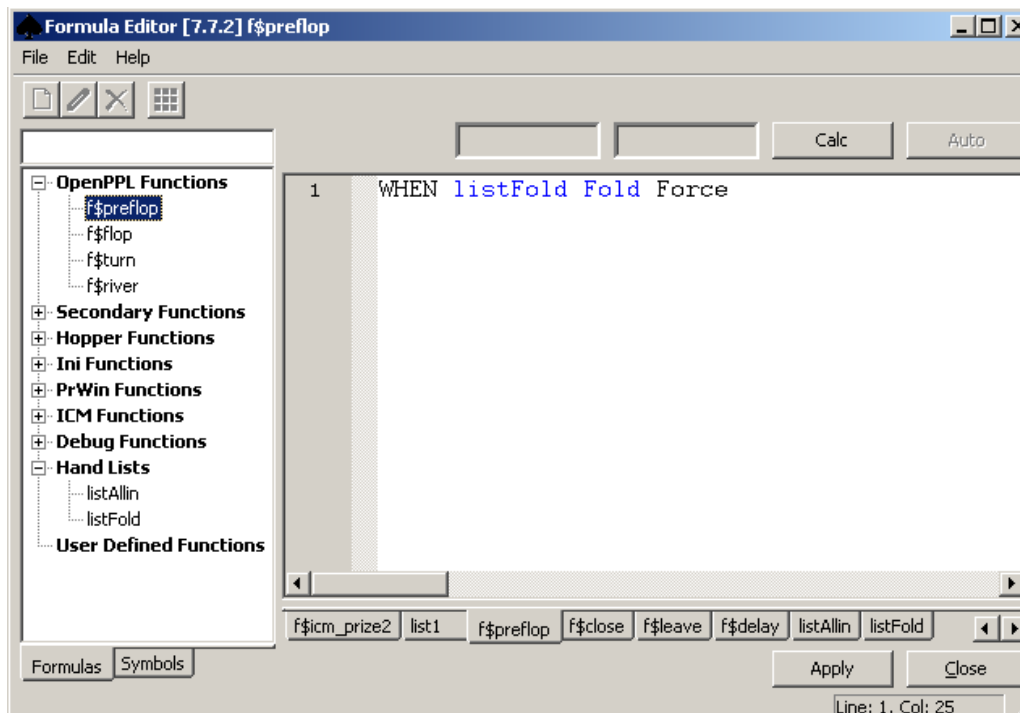
Then click “squares” button to edit it:

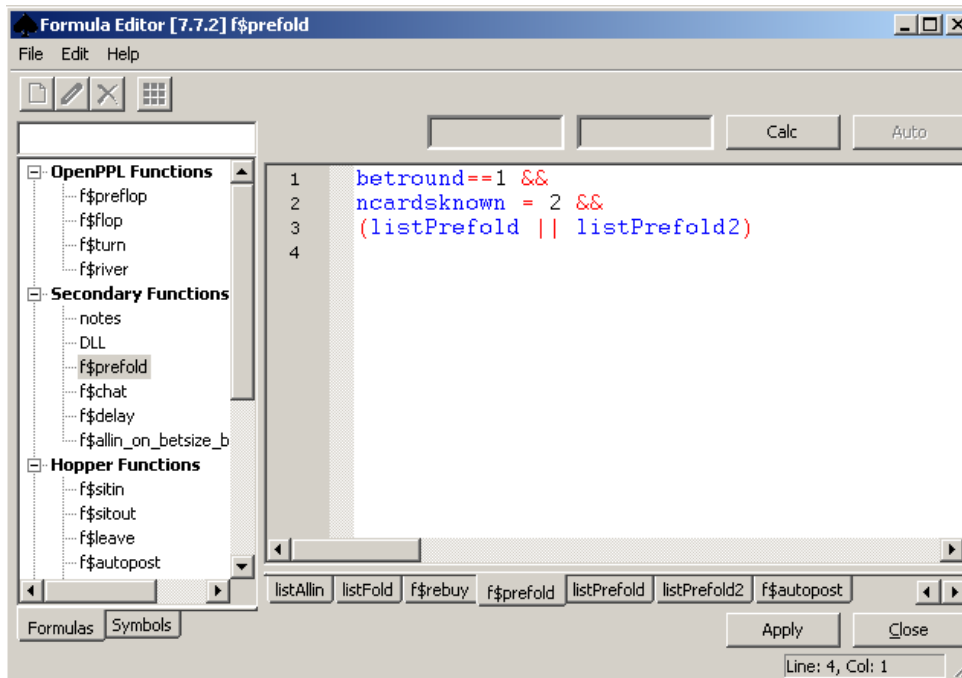


Hand lists are used by the following calculated symbols, and can be referenced in Script code, or OpenPPL.

Symbol	Explanation
listX	true if your hand is in the list examples: list1, listCall, listAllin, etc..

Examples of using it:





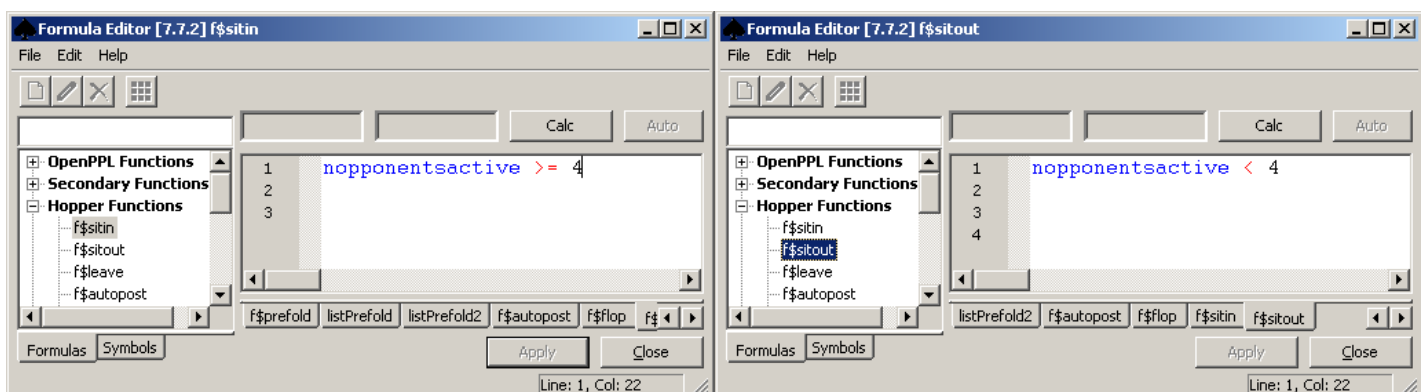
CONFIGURING SITIN/SITOUT OPTIONS OF THE PROFILE

The bot has ability to sitin/sitout, depending on profile instructions. You can change and create new conditions. For example you can instruct profile to sitin/sitout, depending on your stacksize, length of session, table stats, number of opponents and so on.

When *f\$sitout* function is true, bot will try to click “sitout” button, when *f\$sitin* is true, bot will click “sitin” button.

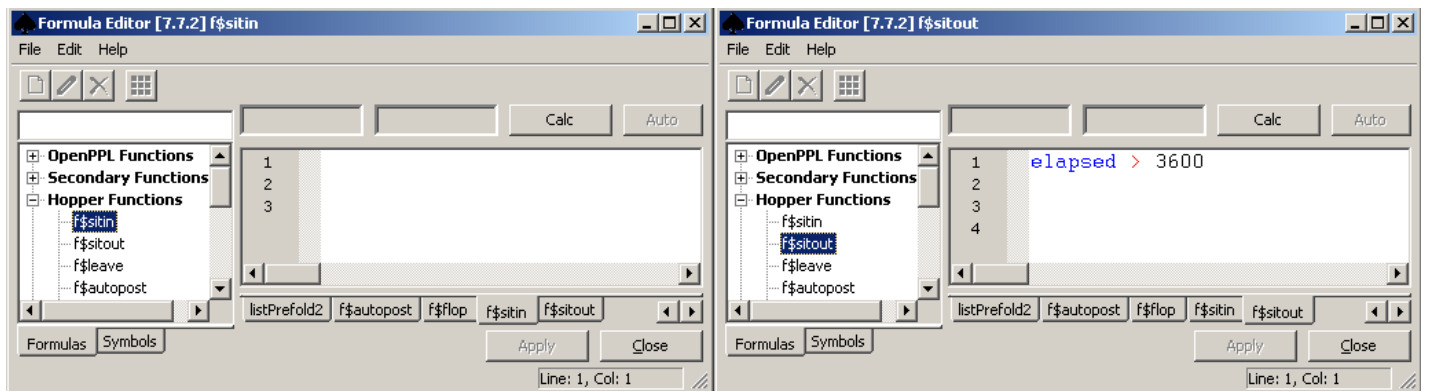
Good practice is to make sure that these functions are not equal to each other at some point.

You can use all script and OpenPPL operators and symbols to edit these functions. Lets look at some popular examples:



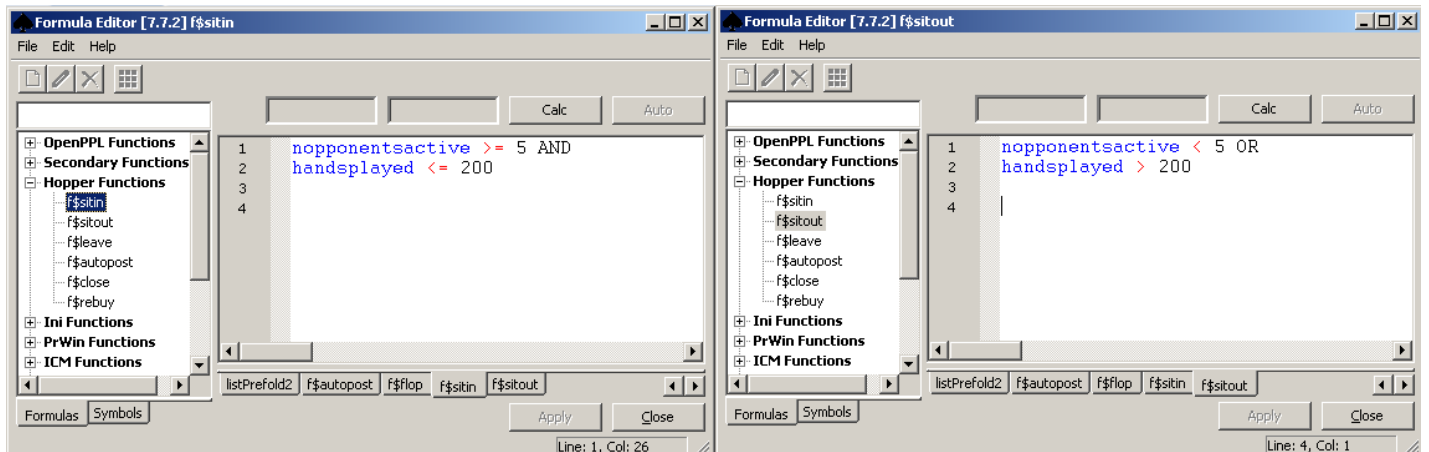
Example 1

Ex. 1 shows simple settings for sitting out when number of your sitted and active opponents falls below 4 and sitting in when it goes 4 or more.



Example 2

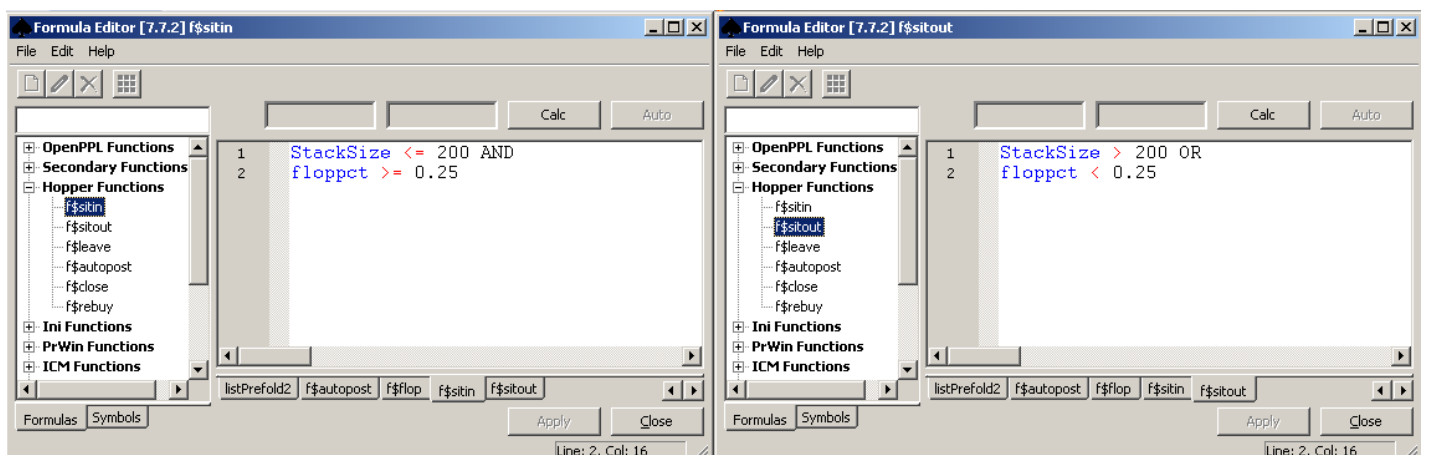
Ex.2 instructs profile to sit out when time of session exceeds 3600 seconds (60 minutes). f\$sitin is empty (no special sitin instructions).



Example 3

Ex.3 tells bot to sit out when number of active opponents falls below 5 OR number of played hands goes above 200

And to sit in when number of active opponents goes 5+ AND number of played hands is less than 200



Example 4

Ex. 4 instructs profile to sit out when your stacksize is above 200 big blinds OR average percent of players who see the flop goes below 25% (good for common TAG profile). Sit in is opposite as usual: it's true when your stacksize is lower than 200 big blinds AND average percent of players who see the flop goes higher than 25%

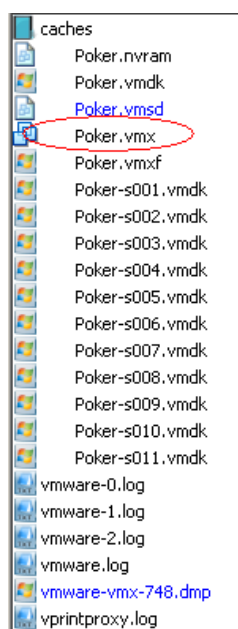
You can create infinite amount of variants here, depending on the profile, your playing style and other conditions. Most popular symbols are already covered in this section. For more symbols refer to OpenPPL guide and script symbols lists (above).

TROUBLE-SHOOTINGS AND REPORTING BUGS

VMWARE ISSUES

If you get this error message in your VMWare: “Failed to initialize MKS drag and drop functionality. Drag and drop operations into or out of the guest may not work”, you need to do the following.

Go to “My Documents” folder, then enter “My Virtual Machines” and finally, enter your poker virtual machine folder. Select .vmx file and open it with Notepad for editing:



Search for “mks.enable3d” string and change it from TRUE to FALSE:

```
ethernet0.wakeOnPcktRcv = "FALSE"  
ethernet0.addressType = "generated"  
usb.present = "TRUE"  
ehci.present = "TRUE"  
ehci.pciSlotNumber = "35"  
sound.present = "TRUE"  
sound.fileName = "-1"  
sound.autodetect = "TRUE"  
mks.enable3d = "FALSE"  
serial0.present = "TRUE"  
serial0.fileType = "thinprint"  
pciBridge0.present = "TRUE"  
pciBridge4.present = "TRUE"  
pciBridge4.virtualDev = "pcieRootPort"  
pciBridge4.functions = "8"  
pciBridge5.present = "TRUE"  
pciBridge5.virtualDev = "pcieRootPort"
```

Save and close this file. Then reboot your pc. Problem should disappear.

VIRTUAL BOX RESOLUTION

If you are using Virtual Box instead of VMWare (not for stealth-mode but for general reasons), you can notice that it doesn't allow you to set virtual screen resolution higher than 1600x1200. Here is a workaround:

Open command prompt (Start > Run > CMD) change directory to your Virtual Box installation Directory

(usually C:\Program Files\Oracle\VirtualBox), but you may have another path.

Run this command from the command prompt:

"VBoxManage setextradata global GUI/MaxGuestResolution any" (without the quote marks)

This changes the max resolution on ALL your Virtual Box VM's.

One final step: when you have your VM open, click View and make sure that "Guest Display Auto Resize" is disabled

Now - just change the resolution on your VM as you normally would, Right-Click on the desktop > Properties > Settings. You must be able to get up to 6400 x 1200.

MISSING MSVCR FILES

If you get this error:



You need to download and install Microsoft Visual C++ 2010 libraries:

<http://www.microsoft.com/en-us/download/details.aspx?id=8328>

TABLE READING ERRORS (HOW TO SEND REPLAY FRAME)

If you clearly see that Warbot can't recognize some essential data (cards, stacks, bets, blinds, dealer button, etc..) or recognizes it incorrectly, please do the following:

- 1) Make sure that the bot is connected and your table is clearly seen on the screen
- 2) Click "camera" button on the bot toolbar (do it for each situation you want to report)
- 3) Send Warbot\replay folder (usually located in C:\Program files\) to warbotcontact@gmail.com and explain what happened. You can zip this folder before sending.

WRONG PROFILE ACTIONS

If the bot is making clearly wrong/strange decision (in your opinion), please do the following:

- 1) After such bad move happened, turn off Auto-player (rhomb button)
- 2) click Edit -> Tag log file
- 3) click Edit -> View log file. Log file will open in notepad
- 4) find that file in your Warbot\logs folder (usually located in C:\Program files\) and send it to warbotcontact@gmail.com with your question or explanation. You can zip this folder before sending