# Table of Contents

LIST OF CURRENTLY SUPPORTED POKER SITES .............................................................................................................. 4  
USING A VIRTUAL MACHINE ............................................................................................................................................. 4  
CONFIGURING YOUR OPERATING SYSTEM .................................................................................................................... 5  
  DPI SETTINGS .................................................................................................................................................................. 5  
  LANGUAGE SETTINGS .................................................................................................................................................... 5  
  TURN OFF CLEARTYPE ................................................................................................................................................. 6  
POKER ROOM SETTINGS .................................................................................................................................................. 7  
INSTALLING AND STARTING THE BOT ............................................................................................................................. 8  
CONNECTING THE BOT TO THE POKER TABLE ............................................................................................................. 11  
CONNECTING POKERTRACKER 4 ..................................................................................................................................... 13  
MULTITABLING ............................................................................................................................................................... 15  
STEALTH SETUP ................................................................................................................................................................. 15  
HOW TO EDIT/CREATE PROFILES .................................................................................................................................. 17  
  THE FORMULA EDITOR ..................................................................................................................................................... 18  
    OpenPPL Functions .................................................................................................................................................... 20  
    Secondary Functions .................................................................................................................................................. 21  
    Hopper Functions ...................................................................................................................................................... 22  
    Debug Functions ...................................................................................................................................................... 23  
OPENPPL LANGUAGE ......................................................................................................................................................... 23  
OPENHOLDEM SCRIPT LANGUAGE ................................................................................................................................... 24  
  Main Operators: ........................................................................................................................................................... 24  
  Syntax: ........................................................................................................................................................................... 24  
  Useful Common Symbols ............................................................................................................................................ 25  
  Table statistics symbols ................................................................................................................................................ 26  
  ICM symbols ............................................................................................................................................................... 26  
  Using Hand Lists .......................................................................................................................................................... 28  
CONFIGURING SITIN/SITOUT OPTIONS OF THE PROFILE .............................................................................................. 30
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Troubleshooting</td>
<td>32</td>
</tr>
<tr>
<td>VMware Issues</td>
<td>32</td>
</tr>
<tr>
<td>Virtual Box Resolution</td>
<td>33</td>
</tr>
<tr>
<td>Missing MSVCR Files</td>
<td>10</td>
</tr>
<tr>
<td>How to Read Log Files</td>
<td>33</td>
</tr>
<tr>
<td>Table Reading Errors (How to Send Replay Frame)</td>
<td>34</td>
</tr>
<tr>
<td>Wrong Profile Actions</td>
<td>35</td>
</tr>
<tr>
<td>License Problems (Bot GUI Won’t Come Up)</td>
<td>35</td>
</tr>
<tr>
<td>Other Issues</td>
<td>35</td>
</tr>
</tbody>
</table>
The list of rooms (shown below), are also shown and updated on the main page of our website:
https://pokerbot.com/.

- 888Poker
- AmericasCardRoom
- Ipoker
- Carbon
- Blackchip Poker
- Betcoin
- Global Poker
- BetOnline
- Ignition
- Winamax
- CoinPoker

A virtual machine is a virtual 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.

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.
DPI SETTINGS
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
Your Windows language needs to be set to 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 CLEARTYPE**

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

![Performance Options](image)

**IMPORTANT:** 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, 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 the Bot- >PokerRoomSettings folder.
Ok, now you’re ready to install and run your bot!

Once purchase is made, you will be redirected to the Purchase Confirmation page which will have a download link for the setup file like the picture below. Download the product, run the msi installer.

### Subscription Details

<table>
<thead>
<tr>
<th>Subscription</th>
<th>Renewal Date</th>
<th>Initial Amount</th>
<th>Times Billed</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pegasus Hyper Sitngo Poker Bot</td>
<td>July 31, 2018</td>
<td>$0.00</td>
<td>1 / 1</td>
<td>Active</td>
</tr>
</tbody>
</table>

### Products

**Name**

Pegasus Hyper Sitngo Poker Bot

Thank you for purchasing our Pegasus poker bot. Please download the setup file from the “Pegasus_Setup” link below. Install the product using the msi file from the download link. Then run the poker bot. This will create a lic file in the “C:\Program Files (x86)\Pegasus” folder called “Pegasus.lic”. To activate your license, add your license key (Shown above next to “License Keys: Pegasus”) to the 2nd line of this file. Also let us know which poker room you would like a table map for as a free gift for purchasing our poker bot!

Pegasus_Setup

You will then receive a Purchase receipt (like the picture below) with a license key you will need for activation. Make sure you document this license key.
Purchase Receipt:

July 31, 2017
Full Name: Robert Perry
Email: robert@pokerbot.com
Billing Address:

Payment Method: PayPal
Price: $0.00
Receipt Link: View it in your browser »

License Key(s): Pegasus Hyper Sitngo Poker Bot: 1541
Run the bot (Hydra.exe) that is in your C:/[Product Name] folder (ie: “C:/Abaddon”) as **ADMINISTRATOR** (shortcut created on the desktop) and it will open up an activation window.

If you see a missing dll error window follow the instructions below.

**MISSING MSVCR AND MFC FILES**

If you get an error like the one below:

The program can’t start because MSVCP140.dll is missing from your computer. Try reinstalling the program to fix this problem.

You need to download and install Microsoft Visual C++ 2015 libraries from the links below:


Type in your license key found on your purchase receipt in your email, or on your My Account page at: [https://pokerbot.com/acc](https://pokerbot.com/acc) and press ok. It will activate and your bot should open.
First of all, you need to setup your poker-room client, according to Poker Room Settings.

Next you will need to add the table map that suits your table size and poker site. For example: If I want to play on an 8 person table for ACR, I would copy the “acr-8-seated.tm” file from the “All Table Maps” folder that’s located in the bot/scaper folder, and paste it directly into the bot/scaper folder. There are already some table maps in the scraper folder that are ready for use. Others will follow in the upcoming weeks. If the bot is having issues recognizing a table, take all maps for that site out of the scraper folder, and only place the one needed in there.

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. If it still does not connect, be sure that the table size is correct. Some need to be set to default size, some need to be set to the smallest size.
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 table map** means the name of table map file that is currently loaded. Make sure it matches your table specification. In our example, we’re playing 6max cash table in 888 poker room, so our table map 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.
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 10890.

Balances. Compare players’ balances with what you really have on your table.

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.

From time to time a supported poker room can upgrade their software in a manner that temporarily causes mis-scrapes. Usually we will update our table maps to our github repo 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 support@pokerbot.com and explain your issue, we will try to assist.

Our poker bots are able to get stats from a PokerTracker database and use it to your benefit.

Recommended steps to install PokerTracker, before using it with our bots:

- If you are using virtual machine, set at least 1 GB of memory (RAM)
- At first install PostGreSQL database, which interacts with our bots: [http://www.enterprisedb.com/products-services-training/pgdownload#windows](http://www.enterprisedb.com/products-services-training/pgdownload#windows)
  - 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.
- Now install PokerTracker from official link (or whatever you find): [https://www.pokertracker.com/](https://www.pokertracker.com/)

Then, in the bot preferences, you need to setup PokerTracker access properties, in order to connect to your database. Click Edit – Preferences and enter PokerTracker tab:
- **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 the bot 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.

**Tuning your PostgreSQL Database Server**

PokerTracker can automatically tune your PostgreSQL database server to take advantage of your computer’s available RAM.

1. Click **Database > Database Maintenance**

2. Click Housekeeping, and select Tune PostgreSQL. A window will appear which notifies the user that Tuning is progress.

3. Tuning will take effect the next time that the PostgreSQL server is restarted, either due to a computer restart or when the Restart Service button is clicked inside of the Database Management window.
In order to bot on more than one table, you need to run as much instances of your bot, to match the same number of tables you have open. Every table that is clearly visible on the screen will be connected to unassigned (free) instance of the bot automatically.

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

Important:

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

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 we support are safe (indicated with “Low” security level on the main site page) and don’t need any special setup. However, PokerStars and some other casinos with High/Medium security level can ban you if running the bot there naked.
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.

Stealth setup steps:

- Rename all exe and dll files in bot (renamer tool included in bot folder)
- Restrict bot folder from accessing by casino software
- Configure bot settings, rename folder, change exe icon.

**Rename all exe and dll files**

Launch the renamertool.exe file and rename all your files to random names.

**Restrict bot folder from accessing by casino software**

Ok, now renaming is finished and casino software can’t detect anything suspicious in running programs (processes), but it still can search your HDD for bot-related files. So it’s wise to restrict your bot folder access.

The easiest way to achieve it is to create new user account, to run casino software. We will give it admin privileges, but will completely restrict access to the bot folder. So you will run your bot from your main admin account (like usual), and your poker client – from new account.

Algorithm:

- Go to Control Panel -> System and Security -> Administrative Tools -> Computer Management -> Local Users and Groups. Create new “Casino” user (name it as you want), give it some password (that never expires). If your poker client requires admin privileges to run, add “Administrators” to “Member of” tab (don’t do it unless it’s really necessary)

- Open your bot folder properties -> Security tab. Add your new “Casino” user to the list of user names and deny access to this folder completely (only for this user of course)

Now, to run your poker client, right-click on its desktop shortcut, while holding your SHIFT button, and select “run as different user”. Then type your “Casino” username and password.

That’s it. Now your poker client can’t access bot folder.
Configure bot settings, rename folder, change .exe icon

Now for the final tweaks. Go to the bot preferences -> Stealth, and check “Simple main window title”. This is to hide the profile name from the bot window title. But remember, that the bot will still load the latest profile on each restart, despite you can’t see its name now.

Change “Mutex” and “Window class name” also – choose any strings you like. Close the bot.

Next step is to change the bot icon. This is for those cases, when the casino tries to make screenshot of your desktop to see what programs are running. We recommend free “Resource Hacker” utility for that: http://www.angusj.com/resourcehacker/

This process is very simple: you just open your main .exe bot file inside Resource Hacker, then replace icon with any other (you can find it in other .exe file for example), then save .exe file.

Rename your bot folder to some other name, and create new shortcut on your desktop. It should be with your new icon and with your new bot name (can require a reboot after it).

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 the bot how 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 Table Map), then the bot 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: $\text{random} \ast 3000$. 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 table maps 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:

\[1 = f\$UserDefinedFormula\]  
\[6 = nopponents\]  
\[4 = 2+2\]

**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).
OPENHOLDEM SCRIPT LANGUAGE
Along with OpenPPL, you can use internal OpenHoldem scripting language, which is similar to “C programming language” and sometimes can be helpful.

Main Operators:

<table>
<thead>
<tr>
<th>Category</th>
<th>Operator(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exponentiation</td>
<td>**</td>
</tr>
<tr>
<td>Multiplicative</td>
<td>* / %</td>
</tr>
<tr>
<td>Additive</td>
<td>+ -</td>
</tr>
<tr>
<td>Equality</td>
<td>==(equal) !=(not equal)</td>
</tr>
<tr>
<td>Logican AND</td>
<td>&amp;&amp;</td>
</tr>
<tr>
<td>Logical OR</td>
<td></td>
</tr>
<tr>
<td>Conditional</td>
<td>? :</td>
</tr>
<tr>
<td>Group</td>
<td>() [] {}</td>
</tr>
<tr>
<td>Comment (line is not executed)</td>
<td>//</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>nchairs</td>
<td>Number of chairs that current tablemap uses</td>
</tr>
<tr>
<td>handnumber</td>
<td>the site hand number if available</td>
</tr>
</tbody>
</table>
| 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)                   |
Table statistics symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>floppct</td>
<td>percentage of players seeing the flop for the last 15 minutes</td>
</tr>
<tr>
<td>turnpct</td>
<td>percentage of players seeing the turn for the last 15 minutes</td>
</tr>
<tr>
<td>riverpct</td>
<td>percentage of players seeing the river for the last 15 minutes</td>
</tr>
<tr>
<td>avgbetspf</td>
<td>average number of bets preflop for the last 15 minutes</td>
</tr>
<tr>
<td>tablepfr</td>
<td>Pfr (preflop-raise) percentage preflop for the last 15 minutes</td>
</tr>
<tr>
<td>maxbalance</td>
<td>my highest balance during the session</td>
</tr>
<tr>
<td>handsplayed</td>
<td>number of hands played this session</td>
</tr>
</tbody>
</table>

ICM symbols

ICM preferences control how the bot’s 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](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:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>icm</td>
<td>my tournament equity before any action is considered (just balances)</td>
</tr>
<tr>
<td>icm_fold</td>
<td>my tournament equity if I fold</td>
</tr>
<tr>
<td>icm_callwin</td>
<td>my tournament equity if I call and win</td>
</tr>
<tr>
<td>icm_calllose</td>
<td>my tournament equity if I call and lose</td>
</tr>
<tr>
<td>icm_calltie</td>
<td>my tournament equity if I call and tie</td>
</tr>
<tr>
<td>icm_alliwin0 - icm_alliwin9</td>
<td>my tournament equity if I push all-in and win against 0 - 9 callers</td>
</tr>
<tr>
<td>icm_allilose1 - icm_allilose9</td>
<td>my tournament equity if I push all-in and lose against 0 - 9 callers</td>
</tr>
</tbody>
</table>
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.
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>listX</td>
<td>true if your hand is in the list examples: list1, listCall, listAllin, etc..</td>
</tr>
</tbody>
</table>

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 stack size, length of session, table stats, number of opponents and so on.

When f$sitout function is true, the bot will try to click the “sitout” button, when f$sitin is true, the bot will click the “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. Let’s look at some popular examples:

Example 1

Ex. 1 shows simple settings for sitting out when the number of your opponents that are active and sat down falls below 4 and sits in when it goes 4 or more.

Example 2

Ex. 2 instructs the bot 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 the bot to sit out when the number of active opponents falls below 5 OR the number of played hands goes above 200. And to sit in when the number of active opponents goes 5+ AND the number of played hands is less than 200.

Example 4

Ex. 4 instructs the bot to sit out when your stack size is above 200 big blinds OR the 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 stack size is lower than 200 big blinds AND the average percent of players who see the flop goes higher than 25%.

You can create infinite amount of variants here, depending on the strategy, you’re 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).
TROUBLESHOOTING

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:

```bash
ethernet0.wakeOnPktRcv = "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"
pclBridge0.present = "TRUE"
pclBridge4.present = "TRUE"
pclBridge4.virtualDev = "pcieRootPort"
pclBridge4.functions = "8"
pclBridge5.present = "TRUE"
pclBridge5.virtualDev = "pcieRootPort"
```

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

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.

HOW TO READ LOG FILES

Log files are located in bot/logs folder. They help to understand why the bot acted the way it did. Let’s look at log file example:

```
2017-02-25 22:44:35 - Chair 5  Player5 SAP  0.00 1000.00
2017-02-25 22:44:35 - Chair 6  Player6 SAP  0.00 1000.00
2017-02-25 22:44:35 - Chair 7  ----  0.00  0.00
2017-02-25 22:44:35 - Chair 8  ----  0.00  0.00
2017-02-25 22:44:35 - Chair 9  ----  0.00  0.00
2017-02-25 22:44:35 - Chair 0  Player0 SAPD  0.00 1000.00
2017-02-25 22:44:35 - Chair 1  Player1 SAP  5.00  995.00
2017-02-25 22:44:35 - Chair 2  Player2 SAP  10.00  990.00
2017-02-25 22:44:35 - Chair 3  Player3 SAP  0.00  1000.00
2017-02-25 22:44:35 - Chair 4  Player4 SAP  0.00  0.00
```

“Hand Reset” means that bot detected the start of new hand. Then we see player’s info: name, SAPD (seated, active (not seated out), playing (holding cards), dealer button), bets (blinds) and balances. Next:
We see number of chairs (total in the table map), # of our chair, our cards, community cards, hand rank (from 1 to 169), our hand-strength, our balance, our current bet, amount to call, pot size, Big blind and Big bet, amount of bet size, FCKRA flags (fold, call, check, raise, all-in), and taken action (bet/raise 50). Next:

********* Autoplayer Trace ****************************

f$preflop = 5.000 [Line 2/581]
bblind = 10.000
defMTT_SNGpreflop = 5.000 [Line 1146/2139]
OpponentsLeftSittingOut = 0.000 [Line 1/83]
 OpponentsActiveBits = 79.000
 OpponentsPlayingBits = 79.000
 CutOff = 0.000 [Line 1/95]
 DealPosition = 4.000
 nPlayersDealt = 6.000
 InButton = 0.000 [Line 1/155]
 Button = 0.000 [Line 5/92]
 InSmallBlind = 0.000 [Line 1/124]
 SmallBlind = 0.000 [Line 6/77]
 [........................................... and so on...]

And finally, functions evaluation, at all levels: f$preflop returned 5 (means raise 5 BB). f$preflop function called bblind and f$MTT_SNGpreflop functions. f$MTT_SNGpreflop function called a lot of functions and finally returned 5 (it was 1146th string). So we can open this function in Formula Editor and find this string, to fully understand what and why happened.

**TABLE READING ERRORS (HOW TO SEND REPLAY FRAME)**

If you see that the bot connects to table, but 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 bot\replay folder to support@pokerbot.com and explain what happened. You can zip this folder before sending.

If the bot can’t even connect to the table, try this:

1) Make sure that your poker table is visible
2) Make sure you table maps are up to date: https://github.com/webber04/HydraTableMaps/
3) Go to bot folder and run /Tools/OpenReplayShooter.exe
4) Pick your window (your poker table) to capture, click Start and wait a few seconds – it will collect a couple of replay frames in selected folder (C:\TMP by default)
5) Send C:\TMP folder (or another, if you changed it) to support@pokerbot.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 bot\logs folder and send it to support@pokerbot.com with your question or explanation. You can zip this folder before sending.

LICENSE PROBLEMS (BOT GUI WON'T COME UP)
1. Make sure there is a .lic file in your bot folder after running the bot the initial time. If not make sure to run the bot as Administrator to generate the .lic file.
2. Make sure there is 2 lines of text in your .lic file. Open it up with Notepad or Notepad++ and check. If not then delete the license file and run the bot again to generate a new license file. Then go to your My Account page: https://pokerbot.com/account and copy your license key and paste it into the 2nd line of your license file. Save it and run the bot again. If the license file won’t save due to permission restrictions, save it to your desktop and then move it back to your bot folder.
3. Otherwise, email us at: support@pokerbot.com and we will get it sorted out.

Other Issues
1. Check out our forum at: https://www.pokerbot.com/poker-forum/