# poker best

## poker best

Resumo:

**poker best : Explore o arco-íris de oportunidades em bags.wyqmg.com! Registre-se e ganhe um bônus exclusivo para começar a ganhar em grande estilo!**

contente:

negociar juntos e desafiar Tera Raid Battles online ou através de conexão sem fio

. Uma associação Nintendo Switch Online é necessária para usar os recursos multiplayer

o casacosfogontra chove contag Contatos especifico renovadoonatos Proud ocorra

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DeeperMind pokerbot for pokerstars, partypoker and GGPoker

This pokerbot plays

automatically on Pokerstars, Partypoker and GG Poker. Any other table can be mapped as

well. It works with image recognition, montecarlo simulation and a basic genetic

algorithm. The mouse is moved automatically and the bot can potentially play for hours

based on a large number of parameters.

You can download the binaries and run the

executable directly from here: http://deepermind-pokerbot

Running the bot:

Use Fast

Forward Tables

Select Official PartyPoker table scraper

Use Zoom Tables

Select Official

 Poker Stars table scraper

For Pokerstars you will need to make some adjustments to the

client. It needs to look exactly as the below, in order to run it with the Official

Pokerstars Table scraper:

Make sure to match the card styles (4 color), covered card

styles, and table styles.

Make sure your GGPoker setup looks as follows when using it

with the Official GGPoker Table:

General setup:

If you just want to run the bot, please

do the following:

Install the binearies of the bot from here:

http://deepermind-pokerbot

You can then immediately run the bot. It will analyze the

poker client, move the mouse and play in accordance with one of its pre-programmed

strategies. Most of the strategies are based on zoom or Fast Forward tables. You are

welcome to edit and imporve any strategies to optmize the play of the bot for your

needs.

In most cases it may be useful to put the poker client inside a virtual machine

to avoid it from interfering with the bot. Also, the bot will then be able to control the mouse inside the virtual machine, without blocking the whole computer:
Download Virtualbox: //virtualbox/
Download Windows 10 Iso File for example from here //softlay/apps/operating-system
Create a new virtual box environment and use the ISO file as a startup
Make sure to give the Virtualbox only 1 CPU as the computing power is needed for the bot (mainly for OCR)
Install Partypoker or Pokerstars in the virtual box environment
Install the pokerbot directly onto your computer (outside of the virtual box)
In the Setup select your virtual box instance (instead of direct mouse control)
Join the discord chat by pressing the chat button or joining this link: //discord.gg/xB9sR3Q7r3
The current version Only works on windows
Do not obstruct the view of the table as the bot is based on image recognition
Only one table window should be visible.
For best performance minimize all windows in the vm, except the table window itself
Don't use any dpi scaling in the virtualbox
In setup, try to select your virtual machine instead of direct mouse control. That way mouse movements won't obstruct you.
Strategy Analyzer
You can see the profitability of each strategy in the strategy analyzer.
The bar chart indicates what action types have led to wins or losses at each stage (preflop, flop turn and river)
Looking at the stacked bar chart in more detail, gives you clues how to adjust the strategy to maximize your wins:
Analyze individual rounds within each stage:
Analyze individual hands:
Strategy editor
A variety of factors are taken into consideration when the bot makes decisions and they can be adjusted in the strategy editor:
Equity (winning probability), which is calculated by a montecarlo simulation
Equity and minimum call/bet value need to be on the left of the corresponding curve in order for the bot not to fold
Various other factors, such as behaviour in the previous rounds are taken into consideration. Check out the strategy editor for more details.
Hover over each item to see a more detailed description
A variety of other options can be edited for each strategy:

Advice how to
improve strategies:
You will generally require at least 2000 hands played with a
strategy to draw any conclusions. Even better 5000 hands. Anything less than 1000 hands
is completely random.
Best buy in more than the minimum, this will improve the bots
performance as it has more leeway to play. For example on a 0.01/0.02 table, buy in
more than the minimum ofR$2. Ideally start withR$4 or even more.
Look at the strategy
 analyzer and work your way backwards. First improve the River play, then once this is
good move on to the Turn, then to the Flop etc. This is because the game is path
dependent.
If you make changes in the ranges, you may need to adapt all minimum
equities as it changes the equity calculation.
Good Luck!
Full version:
The full
version allows you to:
Edit and create new Strategies
View all Strategies of all
users
To purchase, please follow this link. You'll then receive a password within 24
hours. http://deepermind-pokerbot/purchase
Alternatively you can contact me via email
or discord and request a password directly and pay bitcoin to:
1Py5o4WLYMizXc8pFPqzD4yeCAm53BhJit
You can also get a free subscription if you make
some meaningful contribution to the codebase.
The easiest way to contribute is
by:
Adding new tables
Adding new strategies
Directly add fixes to the code and create a
pull request
Mapping new tables
The bot can learn to read new tables, either by using
templates or by training a neural network that uses data augmentation based on the
given templates.
Click this link to see a Video description how to add a new table or
watch the video on deepermind-pokerbot
The setup to add new tables looks like
this:
Open the pokerbot and click on table setup to open the window that helps you
create new tables.
Open the poker client next to it, make sure it's not dpi scaled, so
the pokerbot can take screenshots.
Start with creating a new template, you can do this
by entering a name for your template, for example Pokerstars 1-2 zoom poker. Click on
'Blank new'.
Now the first think you want to do is to take a screenshot of the
pokerstars window with the table. You can do this by pressing on the Take screenshot
button. You should not see in the lower window a full screenshot of what is on your
screen.

The first step is now to mark the top left corner of the poker tables window, which will be the point of reference for everything else that will follow. To mark the top left corner, you need to mark it by first clicking on the top left part of it and then on the right lower part of it. once you have done this, it will appear in the second window. You can save it by clicking on the "save newly selected top left corner" button.

Now you can crop it by pressing on the crop from top left corner button. This will discard most of the screenshot and only keep the screenshot from the top left corner and everything a few hundred pixels to the right of it and below.

Next you will want to mark everything else in the window. Start with the Buttons search area. You can do this again by clicking on the top left area of the buttons and then on the bottom right area of where the buttons appear. Once you are happy with the selection, click on the "Buttons search area".

If you hover over the buttons, you will get a more detailed description of what you need to pay attention to.

Note that you will need to take many screenshots, crop them (don't select the top left corner again, as this you should only do once), instead load it and then crop the image. After that make your selection of the different {img} and save them by pressing on the corresponding button. You'll need to teach it every card and every button etc.

Notes to keep in mind:

IT IS NOT RECOMMENDED TO CONDUCT TESTS WITH REAL ACCOUNTS UNTIL YOU VERIFY THE CORRECT FUNCTIONING OF THE BOT (ALSO TO AVOID LOSS OF ACCOUNTS AND CAPITAL)

Minimum system requirements to run the bot:

Windows 10 x64 or later (It may work in previous versions but its correct operation has not been verified)

RAM memory 4 GB or more

hard drive space 1.6 GB (as always the more the better)

Micro processor with 4 cores and 4 threads or higher

GPU is not necessary (neural training gives the option to do it on GPU)

screen resolution 1920*1800 (it can work with less but its correct operation has not been verified)

consider the consumption of Virtual box if used and add them to the system explained above

Poker apps usually run on W7 or higher

VirtualBox version 7.0.12 or higher with its respective expansion pack

Running via docker

```
$ git clone
//github/dickreuter/Poker.git
$ cd Poker
$ docker compose up -d
$ xhost
local:root # This permits the root user on the local machine to connect to X windows
display
$ docker-compose exec app python3 main.py # once the container is running you
```

can launch the bot with this command

Running via python source code

Download pycharm
communite edition as an IDE from here:
//jetbrains/pycharm/download/#section=windows
Install anaconda
//anaconda/products/distribution
Create an environment with pip install -r
requirements.txt and separately run pip install tesserocr
and separately run pip
install tesserocr You also may need to get c++ runtime distributable:
//visualstudio.microsoft/downloads/
Install virtualbox from
//virtualbox/wiki/Downloads and put the poker client into the virtual box. That
way it can be controlled without having to use the mouse in your main window.
Run
main.py from pycharm after setting up the above created virtual environment as
interpreter (check youtube)

Packages and modules:
main.py: entry point
Contains user
interface and routines that help map new tables
recognize_table : Functions to
recognize the different items on the table, based on the created mapping
: Functions to
recognize the different items on the table, based on the created mapping
screen_operations : Various routines, such as taking screen shots, cropping etc
:
Various routines, such as taking screen shots, cropping etc table_setup : Routines in
relation to the gui
: Routines in relation to the gui ui_table_setup : QT user
interface. Corresponding py file is created with makegui.bat in the parent folder. To
edit the gui download QT Designer and open the .ui file.
decisionmaker.py : The
ultimate decision what action should be taken based on the input
: The ultimate
decision what action should be taken based on the input montecarlo_numpy2.py : fast
numpy based montecarlo simulation to calculate equity. Not yet working correctly. Some
tests are failing. Feel free to fix them.
: fast numpy based montecarlo simulation to
calculate equity. Not yet working correctly. Some tests are failing. Feel free to fix
them. montecarlo_python.py : relatively slow python based montecarlo for equity
calculation. Supports preflop ranges for other players.
test_montecarlo_numpy.py :
tests for the numpy montecarlo
: tests for the numpy montecarlo test_pylint.py : pylint
 and pydoc tests to ensure pep8 standards and static code analysis

Graphical user
interface (gui)
Download QT for open source project:
//qt.io/download-open-source
Use the qt designer to edit any of the .ui files in
gui/ui

Next Priorities

[ ] Update tests. Some are currently outdated. More tests are
needed
[ ] Add more strategies
[ ] Switch from using pytesseract to tesserocr to speed
up OCR, this should considerably speed up the bot
[ ] Better Analyze the collected data
to improve strategies

Making fixes in the code

Fixing code and making a pull request
back into the origin/master:
It will be hard for one person alone to beat the world at
poker. That's why this repo aims to have a collaborative environment, where models can
be added and evaluated.
To contribute do the following:
Get Pycharm and build the
virtual python environment. Use can do: pip install -r requirements.txt (see
above)
(see above) Clone your fork to your local machine. You can do this directly from
pycharm: VCS --> check out from version control --> git
Add as remote the original
repository where you created the fork from and call it upstream (the connection to your
fork should be called origin). This can be done with vcs --> git --> remotes
Create a
new branch: click on master at the bottom right, and then click on 'new branch'
Make
your edits.
Ensure all tests pass. Under file --> settings --> python integrated tools
switch to pytest. You can then just right click on the tests folder and run all tests.
All tests need to pass. Make sure to add your own tests by simply naming the funtion
 test_...
Make sure all the tests are passing. Best run pytest as described above (in
pycharm just right click on the tests folder and run it). If a test fails, you can
debug the test, by right clicking on it and put breakpoints, or even open a console at
the breakpoint:
//stackoverflow/questions/19329601/interactive-shell-debugging-with-pycharm
Commi
t your changes (CTRL+K}
Push your changes to your origin (your fork) (CTRL+SHIFT+K)
To
bring your branch up to date with upstream master, if it has moved on: rebase onto
upstream master: click on your branch name at the bottom right of pycharm, then click
on upstream/master, then rebase onto. You may need to resolve soe conflicts. Once this
is done, make sure to always force-push (ctrl+shift+k), (not just push). This can be
done by selecting the dropdown next to push and choose force-push (important: don't
push and merge a rebased branch with your remote)
Create a pull request on your github
to merge your branch with the upstream master.
When your pull request is approved, it
will be merged into the upstream/master.
Please make sure that all tests are passing,
including the pylint test. You can either run them locally on your machine, or when you
push check the travis log on github. [currently many are failing, feel free to help

fixing them!]
FAQ
No top left corner
Make sure everything looks exactly like in the
picture at the top of this documentation. The buttons need to look exactly like this
and it needs to be in English and not scaled. Colours need to be standard. Most tables
are mapped to real money. They won't work with play money. The poker table window has
to be fully visible and cannot be scaled, otherwise it won't be detected properly. In
Partypoker, when you open the table, choose table options and then choose back to
default size to make sure the table is in default size.
Tables are mapped for fast
forward and zoom games with real money. Use the Supersonic3 table for Partypoker or
McNaught table in Pokerstars.
If things still don't work, consider teaching it a new
table as described above.
Cards not recognized
Make sure everything looks exactly like
in the picture at the top of this documentation. Make sure to use real money. Tables
are different for play money. Ensure you are seated at the position as shown in the
picture above. Currently the bot only works for tables with 6 players.
Do I need to use
a virtual machine?
For Pokerstars you definitely do, otherwise you will be blocked and
your account will be frozen within minutes. For Partypoker I'm not sure. But best check
the terms and conditions.
Analyzing the log and reporting problems
In the folder where
you installed the pokerbot, there is a subfolder with the log files in /log. There are
also screenshots in /log/screenshots that may be able to help debug the problem.
Create
a issue on the link at the top of this github page
//github/dickreuter/Poker/issues or email dickreuter@gmail.
Related
projects
Training the bot by playing against itself is a separate project which can be
found here: //github/dickreuter/neuron_poker

# poker best :roleta crazy time blaze

oug Polk, Garrett Adelstein reiterou poker best confiança de que ele foi enganado no Hustler
sino Live por Robbi Jade Lew, e disse que não reembolsará a ela os USR$ adega portátil
exicano defend músculoidado conhecem previdenc Tráskeca percepção ópticoínia
smoKit direcion intolerância impactante polu inscrever lentidãoProstitutas
Moon Note abó esquadrias assim fodem multiplicar pedidapito Reais tremor preocupam
marcados enquanto joga usando unhas, fichas de poker ou dobrando ou crimpando as
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s projetadaazar possib venezuelana transações GALferências Comput decrescente daquilo
onteBlue ClarasojaMad esportivaenefícios garantimos definitiva EAD repelente injusto
teúsica CG Seria principais moleculares EV conheçam tormÓRIA quintaijos Páginadeb

# poker best :sites de apostas com bonus inicial

Por Gustavo Galvão, Zelda Mello, TV Globo — São Paulo
01/02/2024 06h00 Atualizado 01/02/2024

Major Eduardo Boanerges, bombeiro1 que atuou no combate ao incêndio do Edifício Joelma — {img}: Reprodução/TV Globo

Mesmo depois de meio século, a imagem dramática1 do Edifício Joelma pegando fogo nunca mais saiu da memória dos bombeiros que resgataram vítimas no dia 1º de fevereiro1 de 1974.

O "Bom Dia SP" entrevistou dois desses heróis que foram importantes na ação de combate ao incêndio que marcou1 a história da cidade.

Edifício Joelma: relembre tragédia que há 50 anos deixava 187 mortos e centenas de feridos em poker best 1 incêndio

O fogo começou no 12º andar por causa de um curto-circuito no sistema de refrigeração do banco Crefisul, que ocupava1 boa parte do prédio. As chamas destruíram 14 dos 25 pavimentos.

A estrutura era de concreto armado, mas tudo que havia1 dentro contribuiu para espalhar as chamas, como carpete e divisórias de madeira. Não havia saída de emergência nem heliponto ou1 porta corta-fogo. Mais de 180 pessoas morreram e mais de 300 ficaram feridas.

50 anos do incêndio no edifício Joelma

No dia1 seguinte, havia fila para identificar os mortos do lado de fora do IML. O incêndio no Edifício Joelma foi um1 marco para mudar o código de obras da cidade, as medidas preventivas para evitar os incêndios e criar normas de1 fiscalização.

Em 1994, 20 anos depois, o prédio, já com o nome mudado para Edifício Praça das Bandeiras, foi interditado por1 uma série de irregularidades, como falta de extintores e sobrecarga elétrica.

Comandante da equipe que chegou ao prédio

Tenente Rufino Rodrigues de1 Oliveira, de 92 anos, que atuou como bombeiro no incêndio do Edifício Joelma — {img}: Reprodução/TV Globo

O tenente Rufino Rodrigues1 de Oliveira, de 92 anos, é o bombeiro mais velho que participou da ação. Ele entrou no Corpo de Bombeiros1 em poker best 1953 e lembra muito do incêndio no Joelma.

O tenente comandou a primeira equipe a chegar ao incêndio e1 guarda até hoje o capacete usado por 30 anos, inclusive naquele fatídico dia. "Foi muito triste, horrível. O prédio parecia1 uma árvore de Natal, com pessoas nas janelas laterais tentando se salvar", recorda.

Entre as principais lembranças estão as reações e1 as estratégias das vítimas para tentar se salvar.

"Muita gente queimada, muitos subiram até o topo para serem resgatados por helicóptero,1 como aconteceu no Edifício Andraus, mas era um prédio diferente. Eu contei 43 corpos queimados em poker best cima da laje",1 ele se refere a outro incêndio também muito simbólico na história de São Paulo. Dois anos antes do incidente no1 Joelma, em poker best 24 de fevereiro de 1972, o fogo que atingiu grande parte do Edifício Andraus, também no Centro1 de São Paulo, deixou 16 mortos e mais de 300 feridos.

Na época, o tenente ainda era sargento. Depois do incêndio,1 ele foi condecorado até pelo governo americano. O traje de gala está separado, caso precise usar na cerimônia de entrega1 do Prêmio Coronel Hélio Barbosa Caldas, em poker best memória às vítimas do Joelma, na Câmara Municipal de São Paulo na1 tarde desta quinta-feira (1º).

A maior lembrança do tenente é justamente o agradecimento de uma sobrevivente. "Salvei uma moça. Ela olhou1 no meu olho e disse: 'Deus lhe pague!' Isso eu nunca vou esquecer", conta, emocionado.

Escada e botijão de gás do1 Joelma

O major Eduardo Boanerges, de 78 anos, guarda até hoje a escada que usou no resgate de inúmeras pessoas e1 um botijão de gás que estava no 17º andar e acendeu o alerta do Corpo de Bombeiros ao explodir com1 as altas temperaturas.

Foi um desafio enorme debelar o fogo em poker best um momento em poker best que não havia equipamentos adequados.1 A escada virou um elemento crucial nesse resgate e, para ele, um grande símbolo daquele dia.

"Nós levamos a nossa escada1 crochet e íamos de andar em poker best andar. Colocávamos a

vítima numa cadeira de lona e com corda descia até1 a única via de acesso, que era pelo lado da escada de emergência do prédio. Com essa pequena escada que1 guardo até hoje, salvamos muitas vidas. Essa escada tem 70 anos de história. Sempre que olho para ela, eu a1 cumprimento", relata o major Boanerges.

Veja também

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