

Forum:[Hack Forums](#)

Thread: [Bejeweled Blitz Bot](#)

Meerkat.? - March 25, 2012, 10:31 am

Yesterday (?) someone posted a video of a Bejeweled Blitz bot, getting a monsterscore of over one million points.

I was thinking wether it would be possible to make one in VB.Net and turns out it wasn't even that hard.

My highest score I reached was 884900. Perhaps with some tweaking it could get more, but meh, my job is done here ;)

[img]<http://img1.uploadscreenshot.com/images/orig/3/8405072566-orig.jpg>[/img]

[youtube]<http://www.youtube.com/watch?v=oUce3wx-wdQ>[/youtube]

Perplexity's code looks neat and tidy. While my code is understandable, I'm pretty sure it won't be very easy to change things. Once you know how it works though, it will be easy to change things.

There's a weird bug I can't seem to get fixed. Sometimes the bot becomes slow and doesn't seem to solve any patterns.

Also, special gems (powerups, multiply thingies, ...) don't get detected, so that may cause the bot to stop. Just solve a move manually to let it continue.

Download the source here: <http://www.mediafire.com/download.php?s9znbmwlnso712>
(Feel free to improve my bot, but credits would be appreciated.

Redeemz - March 25, 2012, 10:32 am

Vouch, I've seen this in action. cool bot :)

Perplexity - March 25, 2012, 10:33 am

Nope, not better than mine; you got lucky with that score ;3

Mine detects special gems, you mad?

dnEehT - March 25, 2012, 10:34 am

look's great I'll check it out. thanks for the share :)!

Perplexity - March 25, 2012, 10:34 am

Also, yours doesn't automatically detect where the game is located ;)

codeine. - March 25, 2012, 10:36 am

vouch for this awesome user! :D
awesome bot

Meerkat.? - March 25, 2012, 10:36 am

(Mar 25, 2012 10:34 AM)Perplexity Wrote: [\[CITE\]](#) Also, yours doesn't automatically detect where the game is located ;)

Haha, relax, I'm just kidding ?

I know yours is better, I love the autodetect, but you have to admit, my score was higher :D

Perplexity - March 25, 2012, 10:36 am

(Mar 25, 2012 10:36 AM)mavamaarten Wrote: [\[CITE\]](#) Haha, relax, I'm just kidding ?
I know yours is better, I love the autodetect, but you have to admit, my score was higher :D
My laptop is slower though :c </3
You got lucky with that score e.e

Redeemz - March 25, 2012, 10:40 am

(Mar 25, 2012 10:36 AM)Perplexity Wrote: [\[CITE\]](#) My laptop is slower though :c </3
You got lucky with that score e.e
lol i love the title. haha you both are great coders.

Meerkat.? - March 25, 2012, 10:53 am

Haha I had a nice score again:

[img]<http://img1.uploadscreenshot.com/images/orig/3/8404455197-orig.jpg>[/img]

I'm trying to improve my bot, I'll update when I made some progress (I have, but not enough to update).

Toroth - March 25, 2012, 10:55 am

Like this release :) better to work with ;)

ubbelol - March 25, 2012, 10:57 am

(Mar 25, 2012 10:33 AM)Perplexity Wrote: [\[CITE\]](#) Nope, not better than mine; you got lucky with that score ;3

Mine detects special gems, you mad?

What's a "special gem"? 4 in a row? How is that hard to detect? :p

hoilori - March 25, 2012, 10:59 am

Bot doesn't do anything?

I opened the exe in debug folder, then set bounds and tried to click solving on, but nothing happened.

Perplexity - March 25, 2012, 11:00 am

(Mar 25, 2012 10:57 AM)UbbeLoL Wrote: [\[CITE\]](#) What's a "special gem"? 4 in a row? How is that hard to detect? :p

If you played the game you'd know :3

Special gems are created when you get 4 or more in a row, or they could be gems that increase the score multiplier.

Meerkat.? - March 25, 2012, 11:16 am

(Mar 25, 2012 10:59 AM)hoilori Wrote: [\[CITE\]](#) Bot doesn't do anything?

I opened the exe in debug folder, then set bounds and tried to click solving on, but nothing happened.

The location has to be spot on. Start the game (where you see the gems) and move it so the preview matches the gems.

BTW, new high score after some more improvements :D

[img]<http://img1.uploadscreenshot.com/images/orig/3/8405072566-orig.jpg>[/img]

Cabys - March 25, 2012, 11:30 am

Very good bot program, good work mate.

SIM-1078643 - March 25, 2012, 12:32 pm

Very nice program, good work!

But where the heck did you learn all that stuff and only thing I saw in the source was like $1 + 2 \cdot 40$
 $(y - x(-1)) / 11 \cdot x / y = \text{solved}$
O_O you must be genius

Meerkat.? - March 25, 2012, 12:54 pm

(Mar 25, 2012 12:32 PM)Kallelzza Wrote: [\[CITE\]](#) Very nice program, good work!
But where the heck did you learn all that stuff and only thing I saw in the source was like $1 + 2 \cdot 40$
 $(y - x(-1)) / 11 \cdot x / y = \text{solved}$
O_O you must be genius
Hahaha :P
It makes perfect sense if you look at how it works.

1. The board is 320x320 so each "block" is 40 pixels in height and width.
2. You store everything in a 2D array, so you can check each block like this: NumGrid(x,y). Each number represents a color.
3. You recognize the patterns. Pretty basic math, really.
4. Found a match? Drag the mouse using the DragMouse sub.

That's all there's to it :)

Coleak - March 25, 2012, 2:31 pm

Some good shit, nice work dude! These kind of things are pretty cool.

H3x0S - March 25, 2012, 2:44 pm

Code is incredibly messy. it can be done with like 80% less code.

ident - March 25, 2012, 3:08 pm

(Mar 25, 2012 02:44 PM)H3x0S Wrote: [\[CITE\]](#) Code is incredibly messy. it can be done with like 80% less code.
The code is poor at best. Really is reused again and again.

KingCobraXD - March 25, 2012, 3:10 pm

(Mar 25, 2012 12:54 PM)mavamaarten Wrote: [\[CITE\]](#) Hahaha :P
It makes perfect sense if you look at how it works.

1. The board is 320x320 so each "block" is 40 pixels in height and width.
2. You store everything in a 2D array, so you can check each block like this: NumGrid(x,y). Each number represents a color.
3. You recognize the patterns. Pretty basic math, really.
4. Found a match? Drag the mouse using the DragMouse sub.

That's all there's to it :)

I have mentioned this in Perplexity's thread:

What if the user has his browser zoomed in or out? Then the board wouldn't be 320x320, wouldn't it?

Perplexity - March 25, 2012, 3:11 pm

If you don't like the code, you guys can look at mine :3

ident - March 25, 2012, 3:13 pm

(Mar 25, 2012 03:11 PM)Perplexity Wrote: [\[CITE\]](#) If you don't like the code, you guys can look at mine :3
Then post it up. How can we view it if there is no link?

Perplexity - March 25, 2012, 3:14 pm

(Mar 25, 2012 03:13 PM)ident Wrote: [\[CITE\]](#) Then post it up. How can we view it if there is no link? Maybe you should read the the thread that I posted, derpy herp herp.

Anyway, I'll pm you the link.

EDIT: Nice PM settings ¬_¬

gixslayer - March 25, 2012, 3:15 pm

(Mar 25, 2012 03:13 PM)ident Wrote: [\[CITE\]](#) Then post it up. How can we view it if there is no link? He made a topic before this. If I remember correctly it had a link to the source.

ident - March 25, 2012, 3:18 pm

Asking a member to PM the OP for the source is kiddy crap

Perplexity - March 25, 2012, 3:19 pm

(Mar 25, 2012 03:18 PM)ident Wrote: [\[CITE\]](#) Asking a member to PM the OP for the source is kiddy crap

Whoa that was close, I almost gave a fuck.

Either way, do you want the source or not?

ident - March 25, 2012, 3:22 pm

i wait with baited breath

PM settings have changed

Meerkat.? - March 26, 2012, 9:00 am

(Mar 25, 2012 02:44 PM)H3x0S Wrote: [\[CITE\]](#) Code is incredibly messy. it can be done with like 80% less code.

I know. I even said it in the start post. My goal was to get a fast working bot, not to make a super-accurate bot that's super tidy and stuff.

It works, how about yours? ?

The MammoTh - March 26, 2012, 9:24 am

Looks really proffesional and nicely done. Good job.

ytlayol - March 26, 2012, 1:06 pm

wow....nice bro thanx for the source code bro :)

Khaos Theory - July 7, 2012, 1:00 pm

Mavamaarten's bot > Perplexity's bot because the links for Mavamaarten's are still up.

Meerkat.? - July 7, 2012, 1:09 pm

(Jul 7, 2012 01:00 PM)iamkhaostheory Wrote: [\[CITE\]](#) Mavamaarten's bot > Perplexity's bot because the links for Mavamaarten's are still up.

Nah perplexity's bot is probably better, but it's buggy on my computer. It always stops solving after 10 seconds.

amsick - July 7, 2012, 2:45 pm

Doesn't seem to work properly on my computer. The bot mistakes yellow for orange.

Fatalz - July 7, 2012, 2:50 pm

^ sometimes it does if it encounters a mistake make a move manually to get it working again

Snoepie1012 - July 7, 2012, 2:50 pm

Wow thanks for this mate! The source code will teach me a few things :)

sidkfan - July 8, 2012, 7:49 am

can I please get the program?

---msg ---

Meerkat.? - July 8, 2012, 8:09 am

(Jul 7, 2012 02:45 PM)amsick Wrote: [\[CITE\]](#) Doesn't seem to work properly on my computer. The bot mistakes yellow for orange.

Then you don't have your bounds set properly (it needs to be EXACTLY placed). It doesn't make mistakes, it only fucks up with special gems.

(Jul 8, 2012 07:49 AM)sidkfan Wrote: [\[CITE\]](#) can I please get the program?

There's a download link in the thread ???

Jeff. - July 8, 2012, 9:37 am

Lol, so basically when you guys are plain bored you all go and play Bejeweled? (I do :\$)

Nice bots and keep it up to both of you :] I'll check it out haha thanks.

Meerkat.? - July 8, 2012, 9:44 am

(Jul 8, 2012 09:37 AM)21st Century Kid Wrote: [\[CITE\]](#) Lol, so basically when you guys are plain bored you all go and play Bejeweled? (I do :\$)

Nice bots and keep it up to both of you :] I'll check it out haha thanks.

Nah I just saw one on YT and wanted to know wether it would be possible to make it in VB.Net.

I knew it was possible but I wanted to do it myself haha :)

w?rlockt - September 15, 2012, 3:00 pm

Thanks for this great bot. It's fun!

Khaos Theory - September 15, 2012, 3:58 pm

(Sep 15, 2012 03:47 PM)you mad bro Wrote: [\[CITE\]](#) no one in this thread is a great coder.

please learn a language that is real. not some fake user friendly gui drag and drop bullshit. Oh hell. What do you code batch? Learn something before you speak skid mark.

you mad bro - September 15, 2012, 5:27 pm

(Sep 15, 2012 05:25 PM)Khaos Theory Wrote: [\[CITE\]](#) Really and what exactly have you coded? Please do give me an example. Don't act like a prick with your "c# is superior because yeah" bullshit. Honestly c# barely has any advantages. Yeah your right it can run unsafe code, but that honestly isn't even a big deal.

Oh, my raw socket class which preforms successful syn attacks on a winpc outcodes all of your projects.

Oh well, you wouldn't have any idea of how sockets work... the net framework wraps winsocks

Khaos Theory - September 15, 2012, 5:33 pm

(Sep 15, 2012 05:27 PM)you mad bro Wrote: [\[CITE\]](#) Oh, my raw socket class which preforms successful syn attacks on a winpc outcodes all of your projects.

Oh well, you wouldn't have any idea of how sockets work... the net framework wraps winsocksYet you have no proof supporting your claim. Let's see your "Amazing" class. Come on now don't be shy

everyone would like to see your amazing code.

you mad bro - September 15, 2012, 5:34 pm

(Sep 15, 2012 05:33 PM)Khaos Theory Wrote: [\[CITE\]](#) Yet you have no proof supporting your claim. Let's see your "Amazing" class. Come on now don't be shy everyone would like to see your amazing code.

Now, where did i say Amazing? Please, when replying please dont make yourself look like a fool.

Khaos Theory - September 15, 2012, 5:36 pm

(Sep 15, 2012 05:34 PM)you mad bro Wrote: [\[CITE\]](#) Now, where did i say Amazing? C++ itself is better even if it's basics/You still fail to provide any proof what so ever. Do you even know C++?

Khaos Theory - September 15, 2012, 5:42 pm

(Sep 15, 2012 05:37 PM)you mad bro Wrote: [\[CITE\]](#) I definitely know C++. Don't even question it, .net skid.Funny seeing how you can't back it up with any proof what so ever, and your logic is horrible.

(Sep 15, 2012 05:43 PM)you mad bro Wrote: [\[CITE\]](#) How is my logic 'horrible'? pulling random shit out of your ass! code in a language that uses a framework therefore I'm a skid hence the reason why your logic is horrible. If anything your pulling shit out of your ass you still haven't provided me with any proof yet instead ignore the question completely and try to respond to something else I've said. Please learn to troll better kiddie.

Khaos Theory - September 15, 2012, 5:53 pm

(Sep 15, 2012 05:49 PM)you mad bro Wrote: [\[CITE\]](#) Oh you don't see the flaw in that? Jesus you're an idiot! A script kiddie can't write exploits. please tell me successful exploits written in .NET Again with the attempt at picking apart part of my post and completely ignoring the rest. Are you afraid to admit you can't code anything? Who judges a language based on it being able to make exploits? Honestly that's generally retarded. If you solely learned a language just to code exploits your a script kid. Programming languages should be learned to make legit application that are useful and well working not exploits.

Khaos Theory - September 15, 2012, 5:56 pm

(Sep 15, 2012 05:54 PM)you mad bro Wrote: [\[CITE\]](#) wow you've just proven more to being a skid.

???

you're not a hacker, nor a coder... not even close ???

You have other people code something for you to make life easier creating UI's in a RAD language. Your such an idiot it's not even funny. I never claimed to be a hacker and you still can't proof that your capable of doing anything else other then sit behind a computer screen and attempt to feel good about yourself. This is why hf is frowned upon because of sad kids like yourself.

Again you've forgotten to prove your capable of being more then a troll please post a link to something you've coded. You are a skidish troll who knows nothing please go read a book. ?

you mad bro - September 15, 2012, 6:01 pm

(Sep 15, 2012 05:56 PM)Khaos Theory Wrote: [\[CITE\]](#) Your such an idiot it's not even funny. I never claimed to be a hacker and you still can't proof that your capable of doing anything else other then sit behind a computer screen and attempt to feel good about yourself. This is why hf is frowned upon because of sad kids like yourself.

Oh the irony...

HF is frowned upon because skids that tend to think .NET is a suitable language write in .NET

It just makes the hacking scene look bad....

The only thing .NET is good for is RAD client side applications.

No successful malware or exploits have been written in .NET, and never will be. The limitation to .NET just makes it anti-hacker

Khaos Theory - September 15, 2012, 6:04 pm

(Sep 15, 2012 06:01 PM)you mad bro Wrote: [\[CITE\]](#) Oh the irony...

HF is frowned upon because skids that tend to think .NET is a suitable language write in .NET

It just makes the hacking scene look bad....

The only thing .NET is good for is RAD client side applications.

No successful malware or exploits have been written in .NET, and never will be. The limitation to .NET just makes it anti-hacker Only skids use programming to hack. If you can't understand the simple concept that programming has more use to making legit apps then hacking there's no way in hell your able to code anything. Thanks for proving all my points idiot.

you mad bro - September 15, 2012, 6:04 pm

(Sep 15, 2012 06:04 PM)Khaos Theory Wrote: [\[CITE\]](#) Only skids use programming to hack. If you can't understand the simple concept that programming has more use to making legit apps then hacking there's no way in hell your able to code anything. Thanks for proving all my points idiot. That is going onto my signature

You just went full out retard. You should rephrase that first sentence

I can sense you are ignorant... IF YOU THINK THAT PROGRAMMING HAS MORE USE TO MAKING LEGIT APPS RATHER THAN WRITING EXPLOITS THEN YOU WILL BECOME A GOOD CODER

oh that makes sense. ???

Khaos Theory - September 15, 2012, 6:11 pm

(Sep 15, 2012 06:08 PM)you mad bro Wrote: [\[CITE\]](#) You're a fucking idiot, truly too stupid to insult. You should maybe re-read my post and figure out why i said only skids use .net to hack You might want to rethink what you just said

Quote:to not go full out retard you fucking retard.

You've already proven that your a full blow retard yet you stay here and keep proving that your getting even more retarded as you continue to post. Please stop posting it isn't worth your time you'll only make yourself feel stupider. Plus your ruining a great thread.

you mad bro - September 15, 2012, 6:21 pm

(Sep 15, 2012 06:11 PM)Khaos Theory Wrote: [\[CITE\]](#) You might want to rethink what you just said

You've already proven that your a full blow retard yet you stay here and keep proving that your getting even more retarded as you continue to post. Please stop posting it isn't worth your time you'll only make yourself feel stupider. Plus your ruining a great thread.

Lets go over your logic:

"Only skids code to hack"

"If you think programming has more advantages to writing exploits rather than making legitimate software you won't be able to code anything"

???

.Dangerous. - *September 15, 2012, 10:41 pm*

This is an interesting project, now only if one was made for starcraft II's "STARJEWELLED", hmmm..
:)

Meerkat.? - *September 16, 2012, 2:00 am*

(Sep 15, 2012 10:41 PM).Dangerous. Wrote: [\[CITE\]](#) This is an interesting project, now only if one was made for starcraft II's "STARJEWELLED", hmmm.. :)

You could do that fairly easily, just change the colors and the grid size.

Saint-Luciferr - *May 17, 2017, 7:26 am*

Anyone have an idea how to change the colours to specific ones rather than using '>' or '<'? for the timer to recognise colours?

Ninja - *May 17, 2017, 8:35 am*

(May 17, 2017 07:26 AM)Saint-Luciferr Wrote: [\[CITE\]](#) Anyone have an idea how to change the colours to specific ones rather than using '>' or '<'? for the timer to recognise colours?
if color == value