

Forum:[Hack Forums](#)

Thread: [The OMC Casino \[Added Changelog\] \[Blackjack\]\[Profiles\]\[Multiplayer Dice\]](#)

Vandie - April 19, 2015, 1:05 pm

After 2 weeks of solid programing with errors coming out of my arse. I have finally completed my Omnicoin Blackjack game. Its now open to all HF members.

How it looks ingame
Spoiler ([Click to View](#))

I would like to thank the beta/alpha teams that included:

JoClings

Dragon

Matty9

Death

Tweety

Tohka

and oliver(uid : 1016722)

[Play here](#)

Our domains:

omc.vandie.co.uk [main]

casino.omnicoin.net [secondry]

If you wish to donate to the win pot then donate to oVfmuJueUG52vYZ1PRE2bidnqNgZpMrHpX.

Email: Support@vandie.co.uk

I put how randomisation is done on the 8th page. I'm still working on making shit look nice as I have no graphic design skills at all.

Dragon. - April 19, 2015, 1:05 pm

Vouch. I've lost lots of money playing this game ;_;

Help me HF. #Thirdworldproblems.

NiktoKan - April 19, 2015, 1:15 pm

What is the house edge? Is that possible to prove is a fair game?

brian188246 - April 19, 2015, 1:15 pm

This is really cool, I'll deposit a little OMC and play soon.

Good work man

Abraham Lincoln - April 19, 2015, 1:17 pm

The dealer's cards don't always stay the same between hitting / sticking. The cards in their hand randomly change every once in awhile. Also the number of cards in their hand increases and

decreases randomly.

I'm not terribly familiar with BlackJack, but I'm pretty sure that's not supposed to happen.

Vandie - April 19, 2015, 1:19 pm

(Apr 19, 2015 01:15 PM)NiktoKan Wrote: [\[CITE\]](#) What is the house edge? Is that possible to prove is a fair game?

The cards are all randomly picked via the same method for both user and dealer.

I'll look into the exact probability of winning but do note that you can try the game for free without adding any omnicoins. Just click "play blackjack" and leave the bet boxes blank. Just don't expect to get any winnings from it.

Signed,
Vandie.

Abraham Lincoln - April 19, 2015, 1:19 pm

Also, if you bust you lose 100%, but if you win you only get 150%.

That means that the house edge is essentially 50%+ (as the game is already in favor of the house)

(Apr 19, 2015 01:15 PM)NiktoKan Wrote: [\[CITE\]](#) What is the house edge? Is that possible to prove is a fair game?

It's not provably fair. You just have to trust that the game isn't rigged.

Vandie - April 19, 2015, 1:24 pm

(Apr 19, 2015 01:19 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Also, if you bust you lose 100%, but if you win you only get 150%.

That means that the house edge is essentially 50%+ (as the game is already in favor of the house)

If people want I can raise the returns. However as there is so little in the pot right now, I don't think that it would be able to pay out. (pot funds are displayed on the index).

Abraham Lincoln - April 19, 2015, 1:26 pm

(Apr 19, 2015 01:24 PM)Vandie Wrote: [\[CITE\]](#) If people want I can raise the returns. However as there is so little in the pot right now, I don't think that it would be able to pay out. (pot funds are displayed on the index).

I'd recommend you increase it to 200%. I don't think anyone wants to play a game with a 50% house odd. That's like less than 25% chance of winning each round ?

Sir - April 19, 2015, 1:27 pm

I did 1 game and noticed an error:

Whenever you get dealt an Ace with your first 2 cards, it asks you if you want it to be a 1 or 11.

Then if you choose "Hit Me" it asks again "Do you want the Ace to be a 1 or 11" if you chose 1 the first time and 11 the second time it remains as a 1 regardless.

Example:

I was dealt an Ace and a 6.

Chose the Ace to be 1.

Total = 7

I was dealt a 3. (Ace + 6 + 3)

It asked again, I chose 11 this time to make it equal 20 total.

Total = 20

I chose to Stick with my cards, it changed my hands value to 10 and the dealer won with 20.

You just need to alter it to where once you choose the value of the Ace the first time it doesn't ask again, or where it will re-value the card whenever you change it.

EDIT:

sped through 10 games, lost 9 in a row, finally got 21, but the dealer tied with 21. Seems quite unbalanced.

EDIT 2:

I busted with an Ace before it asked me for the Ace's value. It revealed the dealers hand to show he had 21, I made the value of the Ace a 1 so my Total would be 17, it re-dealt the dealers cards and he had 21 again, twice in 1 deal, he received different hands both times for a total of 21 each time. The first time he had a 9>2>Q, second time in the SAME turn it gave him a 7>4>J

Vandie - April 19, 2015, 1:29 pm

(Apr 19, 2015 01:26 PM)Abraham Lincoln Wrote: [\[CITE\]](#) I'd recommend you increase it to 200%. I don't think anyone wants to play a game with a 50% house odd. That's like less than 25% chance of winning each round ?

lol, sure however it will almost definitely rely on donations in order to be able to function.Gimmie a few seconds.

(Apr 19, 2015 01:27 PM)Starstruck Wrote: [\[CITE\]](#) I did 1 game and noticed an error:

Whenever you get dealt an Ace with your first 2 cards, it asks you if you want it to be a 1 or 11. Then if you choose "Hit Me" it asks again "Do you want the Ace to be a 1 or 11" if you chose 1 the first time and 11 the second time it remains as a 1 regardless.

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It asked again, I chose 11 this time to make it equal 20 total.
Total = 20

I chose to Stick with my cards, it changed my hands value to 10 and the dealer won with 20.

You just need to alter it to where once you choose the value of the Ace the first time it doesn't ask again, or where it will re-value the card whenever you change it.

Thats not error just an oversight on my part. Will try and get this fixed.

actually your last sentence confused me... do you want it to pick for you or what?...

VRUMM - April 19, 2015, 1:31 pm

i have a \$300 script for this. want it?

Vandie - April 19, 2015, 1:33 pm

(Apr 19, 2015 01:31 PM)Sh1eld Wrote: [\[CITE\]](#) i have a \$300 script for this. want it?

No, I made this as a coding exercise. I don't have anywhere near that kind of money...

VRUMM - April 19, 2015, 1:34 pm

(Apr 19, 2015 01:33 PM)Vandie Wrote: [\[CITE\]](#) No, I made this as a coding exercise. I don't have anywhere near that kind of money...

ill give u it for free if u start an omc blackjack site

Sir - April 19, 2015, 1:34 pm

(Apr 19, 2015 01:29 PM)Vandie Wrote: [\[CITE\]](#) Thats not error just an oversight on my part. Will try and get this fixed.

actually your last sentence confused me... do you want it to pick for you or what?...

I'm saying it should only ask you for the Ace's value once.

Vandie - April 19, 2015, 1:36 pm

(Apr 19, 2015 01:34 PM)Starstruck Wrote: [\[CITE\]](#) I'm saying it should only ask you for the Ace's value once.

Did you by any chance press back or f5?

Its only meant to ask for each individual ace...

Abraham Lincoln - April 19, 2015, 1:36 pm

First hand:

Spoiler [\(Click to View\)](#)

I hit stick.

Send hand:

Spoiler [\(Click to View\)](#)

The dealer draws 3 cards in 1 hand? What?

Also the number of times the dealer hits 21 is uncanny.

Meow - April 19, 2015, 1:38 pm

Is it provably fair? Nice website anyway. ?

Vandie - April 19, 2015, 1:38 pm

(Apr 19, 2015 01:36 PM)Abraham Lincoln Wrote: [\[CITE\]](#) First hand:

Spoiler [\(Click to View\)](#)

I hit stick.

Send hand:

Spoiler [\(Click to View\)](#)

The dealer draws 3 cards in 1 hand? What?

Also the number of times the dealer hits 21 is uncanny.

It was my understanding that the dealer could keep hitting even after the player had stuck until it was happy with its selection. If this is wrong then I am sorry and will correct it.

(Apr 19, 2015 01:38 PM)Meow. Wrote: [\[CITE\]](#) Is it provably fair? Nice website anyway. ? thanks.

Abraham Lincoln - April 19, 2015, 1:38 pm

(Apr 19, 2015 01:38 PM)Vandie Wrote: [\[CITE\]](#) It was my understanding that the dealer could keep hitting even after the player had stuck until it was happy with its selection. If this is wrong then I am sorry and will correct it.

Hm, I'm not sure. I'm not very familiar with the game. I'll check some rules quickly.

Sir - April 19, 2015, 1:39 pm

(Apr 19, 2015 01:36 PM)Vandie Wrote: [\[CITE\]](#) Did you by any chance press back or f5?

Its only meant to ask for each individual ace...

I didn't do anything to possibly interrupt the function.

Abraham Lincoln - April 19, 2015, 1:40 pm

(Apr 19, 2015 01:38 PM)Vandie Wrote: [\[CITE\]](#) It was my understanding that the dealer could keep hitting even after the player had stuck until it was happy with its selection. If this is wrong then I am sorry and will correct it.

thanks.

<http://www.pagat.com/banking/blackjack.html>

If the dealer doesn't have a natural, he hits (takes more cards) or stands depending on the value of the hand. Contrary to the player, though, the dealer's action is completely dictated by the rules. The dealer must hit if the value of the hand is lower than 17, otherwise the dealer will stand.

EDIT: Also, if there is a tie no one wins the bet. They money goes back to the player, not to the dealer.

Vandie - April 19, 2015, 1:41 pm

(Apr 19, 2015 01:38 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Hm, I'm not sure. I'm not very familiar with the game. I'll check some rules quickly.

Ok. The rules the dealer plays of are the rules I've always played by so if they are wrong then I'm terribly sorry.

(Apr 19, 2015 01:40 PM)Abraham Lincoln Wrote: [\[CITE\]](#)

<http://www.pagat.com/banking/blackjack.html>

If the dealer doesn't have a natural, he hits (takes more cards) or stands depending on the value of the hand. Contrary to the player, though, the dealer's action is completely dictated by the rules. The dealer must hit if the value of the hand is lower than 17, otherwise the dealer will stand.

EDIT: Also, if there is a tie no one wins the bet. They money goes back to the player, not to the dealer.

ok, will fix.

edit: fixed.

Meow - April 19, 2015, 1:42 pm

(Apr 19, 2015 01:38 PM)Vandie Wrote: [\[CITE\]](#) --

thanks.

You still didn't answer my question? ?

Sir - April 19, 2015, 1:43 pm

I'll keep playing and let you know if I come across any other bugs, errors and what-not.

Vandie - April 19, 2015, 1:46 pm

(Apr 19, 2015 01:42 PM)Meow. Wrote: [\[CITE\]](#) You still didn't answer my question? ?
as I said before. It randomly selects both the dealers and the users cards the same way (based of the servers time) and even I have no idea of what cards will come up. I'm not sure how I would prove the fairness though.

(Apr 19, 2015 01:43 PM)Starstruck Wrote: [\[CITE\]](#) I'll keep playing and let you know if I come across any other bugs, errors and what-not.
Thanks

Abraham Lincoln - April 19, 2015, 1:50 pm

(Apr 19, 2015 01:46 PM)Vandie Wrote: [\[CITE\]](#) I'm not sure how I would prove the fairness though.
Probably fair odds: <https://satoshidice.com/provably-fair/>

It would make the system much more complex though

Vandie - April 19, 2015, 1:53 pm

(Apr 19, 2015 01:50 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Probably fair odds:
<https://satoshidice.com/provably-fair/>

It would make the system much more complex though
I'll look into it.

May take a few days to implement as I go back to college tomorrow and I'm there 9-5...

Abraham Lincoln - April 19, 2015, 2:58 pm

Don't make bets on the site right now. There's currently a bug and you will loose your bet every time.

It's being fixed.

Sir - April 19, 2015, 3:06 pm

(Apr 19, 2015 02:59 PM)wy5uejtytilyuh Wrote: [\[CITE\]](#) Discussion of gambling is not allowed here
Discussion of gambling IS allowed here.
Inform yourself of the rules and their changes before posting like you know them.
[Disallowed BlackHat Activity Help Document](#)

Vandie - April 19, 2015, 3:13 pm

(Apr 19, 2015 03:06 PM)Starstruck Wrote: [\[CITE\]](#) Discussion of gambling IS allowed here.
Inform yourself of the rules and their changes before posting like you know them.
[Disallowed BlackHat Activity Help Document](#)

Thanks.

Also I think I fixed the problem that caused Abe to loose money randomly. Refunded him plus his winnings.

I will have to find a sweetapot for the returns though as if Abe cases out (or anyone does really) we aren't gonna be running very long...

JDCL - April 19, 2015, 3:20 pm

Aww shit son. You released it. Thanks for the creds. I am actually Vandie's dad.

Abraham Lincoln - April 19, 2015, 4:12 pm

Well, that was fun. Played a few hundred hands and did pretty good I'd say:

Unfortunately there isn't enough balance to withdraw. In fact I doubt you'd even be able to get that much OMC to pay me with.

I can accept a payment of 50.5 BTC or \$11,137 WU instead if needed.

JDCL - April 19, 2015, 4:18 pm

(Apr 19, 2015 04:12 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Well, that was fun. Played a few hundred hands and did pretty good I'd say:

Unfortunately there isn't enough balance to withdraw. In fact I doubt you'd even be able to get that much OMC to pay me with.

I can accept a payment of 50.5 BTC or \$11,137 WU instead if needed.
GG m8 ? ? ? You just wrecked the system.

Abraham Lincoln - April 19, 2015, 4:25 pm

(Apr 19, 2015 04:18 PM)Joclings Wrote: [\[CITE\]](#) GG m8 ? ? ? You just wrecked the system.
Haha, maybe.

I'd recommend no one use the site for now.

Dave Skylark - April 19, 2015, 4:29 pm

(Apr 19, 2015 04:25 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Haha, maybe.

I'd recommend no one use the site for now.
Damn, already deposited 200 OMC.

Will see if I can cash out tomorrow.

Zettabit - April 19, 2015, 6:41 pm

I just played like 6 test games with no money, and your dealer won every single time, getting 21 over my 17-19 with 3 hands. This shit isn't provably fair at all, seems like it's rigged

Abraham Lincoln - April 19, 2015, 6:43 pm

(Apr 19, 2015 06:41 PM)Zettabit Wrote: [\[CITE\]](#) I just played like 6 test games with no money, and your dealer won every single time, getting 21 over my 17-19 with 3 hands. This shit isn't provably fair at all, seems like it's rigged
He's probably just on a winning streak after loosing \$118K to me :P

Legion. - April 19, 2015, 8:58 pm

Is there something wrong with this? Dealer got 21 every time I decided to stick.

Eternal. - April 19, 2015, 9:03 pm

This is a pretty awesome concept, keep at it man. Hope someone makes you a thread design.

Sir - April 19, 2015, 10:24 pm

Just got on and played 1 game

<https://gyazo.com/e8af138fd73b9a4a05daa4d24971a2ab>

I hit with 16 and got 21 and tied with the dealer. Then there was an error.

Vandie - April 19, 2015, 10:36 pm

(Apr 19, 2015 10:24 PM)Starstruck Wrote: [\[CITE\]](#) Just got on and played 1 game <https://gyazo.com/e8af138fd73b9a4a05daa4d24971a2ab>

I hit with 16 and got 21 and tied with the dealer. Then there was an error.
fixed. I think.

guys pls send errors to the support email rather than posting them here unless its an error which results in lost money.

SIM-2015410 - April 19, 2015, 11:01 pm

(Apr 19, 2015 01:31 PM)Sh1eld Wrote: [\[CITE\]](#) i have a \$300 script for this. want it?
Is this script you have ready to use for Omnicoin? Why not just start it up yourself?

Vandie - April 19, 2015, 11:03 pm

(Apr 19, 2015 04:12 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Well, that was fun. Played a few hundred hands and did pretty good I'd say:

Unfortunately there isn't enough balance to withdraw. In fact I doubt you'd even be able to get that much OMC to pay me with.

I can accept a payment of 50.5 BTC or \$11,137 WU instead if needed.
I think I need to add a maximum bet...

Abraham Lincoln - April 19, 2015, 11:11 pm

(Apr 19, 2015 11:03 PM)Vandie Wrote: [\[CITE\]](#) I think I need to add a maximum bet...
That wouldn't really fix it. The system is kind of fundamentally flawed.

clark.dll - April 19, 2015, 11:14 pm

Good shit man, the game might have it's flaws but it's awesome that you've been working so hard on it and you're actually contributing.

Vandie - April 20, 2015, 10:36 am

(Apr 19, 2015 11:11 PM)Abraham Lincoln Wrote: [\[CITE\]](#) That wouldn't really fix it. The system is kind of fundamentally flawed.

abe. if you can send an email containing what the flaws are to the support email. I'd be very thankful.

Thanks for the support everyone.

Dave Skylark - April 20, 2015, 12:14 pm

(Apr 20, 2015 10:36 AM)Vandie Wrote: [\[CITE\]](#) abe. if you can send an email containing what the flaws are to the support email. I'd be very thankful.

Thanks for the support everyone.

Is there any way that I can withdraw all my funds until the security flaws have been fixed?
Thanks in advance.

Vandie - April 20, 2015, 12:23 pm

(Apr 20, 2015 12:14 PM)Dave Skylark Wrote: [\[CITE\]](#) Is there any way that I can withdraw all my funds until the security flaws have been fixed?

Thanks in advance.

Its not security flaws as far as I can tell. Just that hes found it very easy to win. Send a message to support and I'll have it all sorted out for you if you still want to take that action.

Unauthenticated - April 20, 2015, 12:24 pm

I will mine my slaves to the ass to play in this site, now I have a purpose to use that crypto miner on my net xd

Vandie - April 20, 2015, 12:31 pm

(Apr 20, 2015 12:24 PM)CriticalMatts Wrote: [\[CITE\]](#) I will mine my slaves to the ass to play in this site, now I have a purpose to use that crypto miner on my net xd

ok,just be aware that the site can only pay out what it has in stock as I don't have the money to buy loads of OMC. So if you play loads then don't be expecting large returns.(It can't support them yet)

Dave Skylark - April 20, 2015, 12:33 pm

(Apr 20, 2015 12:23 PM)Vandie Wrote: [\[CITE\]](#) Its not security flaws as far as I can tell. Just that hes found it very easy to win. Send a message to support and I'll have it all sorted out for you if you still want to take that action.

I have sent you an email with all the details you need & a PM with proof it was me.

Makaveli. - April 20, 2015, 12:33 pm

Going to try this out now, we should get more people playing.

Vandie - April 20, 2015, 12:39 pm

(Apr 20, 2015 12:33 PM)Makaveli. Wrote: [\[CITE\]](#) Going to try this out now, we should get more people playing.

TBH I just need someone with allot of OMC to donate so that people can get decent returns.(I put all 130 odd OMC of mine in already).

Its free to play though so if people don't bet ridiculously then the site should survive.

I've been throwing ideas around in my head for multiplayer too but I'm trying to think how I would do it...

Abraham Lincoln - April 20, 2015, 12:51 pm

(Apr 20, 2015 10:36 AM)Vandie Wrote: [\[CITE\]](#) abe. if you can send an email containing what the flaws are to the support email. I'd be very thankful.

Thanks for the support everyone.

Will do. I'll get in contact with you later today.

Vandie - April 20, 2015, 12:57 pm

(Apr 20, 2015 12:51 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Will do. I'll get in contact with you later today.

k. Hope we can get these fixed so that the game is as fun as possible for everyone without breaking the bank.

Edit:just saw my post number was 666. >:)

:P

Legion. - April 20, 2015, 12:59 pm

(Apr 20, 2015 12:57 PM)Vandie Wrote: [\[CITE\]](#) k. Hope we can get these fixed so that the game is as fun as possible for everyone without breaking the bank.

Edit:just saw my post number was 666. >:)

:P

And 66 prestige! 66666!!! OMG. Iloomanati. Lol

JDCL - April 20, 2015, 2:38 pm

(Apr 20, 2015 12:59 PM)Legion. Wrote: [\[CITE\]](#) And 66 prestige! 66666!!! OMG. Iloomanati. Lol
Iloomionartie confirmed. ??

D?ath - April 20, 2015, 2:39 pm

I played this game for roughly 2 days, after countless bug fixes and GUI tweaks, I am proud to say I made omc lol

markeloff - April 20, 2015, 4:02 pm

Nice job. I'm going to try this in a while.

Unauthenticated - April 20, 2015, 9:05 pm

Add a multi player and keep a % of every transaction idk :p

Vandie - April 20, 2015, 11:09 pm

Changed how betting is done to make cheating harder.

Genicus - April 20, 2015, 11:13 pm

Would be kinda cool if you could code in a "free version" To practice a little bit with and get use to the game.

Also I swear I hit stick, but I get a new card whats up with that? Then I bust.

Vandie - April 20, 2015, 11:18 pm

(Apr 20, 2015 11:13 PM)Genicus Wrote: [\[CITE\]](#) Would be kinda cool if you could code in a "free version" To practice a little bit with and get use to the game.

Also I swear I hit stick, but I get a new card whats up with that? Then I bust.

Probably was playing while I was updating something. Also free play is there already. Bet nothing.

Genicus - April 20, 2015, 11:21 pm

(Apr 20, 2015 11:18 PM)Vandie Wrote: [\[CITE\]](#) Probably was playing while I was updating something. Also free play is there already. Bet nothing.

I realized I could bet nothing, But it keeps hiting me when I click stick. This looks like its gonna be amazing tho.

Dave Skylark - April 21, 2015, 10:13 am

I think you should bet before you see your second card or you can just go when you get 21 in first hand.

Abraham Lincoln - April 21, 2015, 10:37 am

(Apr 21, 2015 10:13 AM)Dave Skylark Wrote: [\[CITE\]](#) I think you should bet before you see your second card or you can just go when you get 21 in first hand.

Yep, that's how I got \$250K on there :P

It's been changed now.

Vandie - April 21, 2015, 11:19 am

(Apr 21, 2015 10:37 AM)Abraham Lincoln Wrote: [\[CITE\]](#) Yep, that's how I got \$250K on there :P

It's been changed now.

yer it has. did it this morning before school...

signed,
vandie

Fixed a few problems during my lunch hour too so site should have less errors.

Abraham Lincoln - April 21, 2015, 1:57 pm

When hitting for the second time (drawing a 4th card) it draws two cards at once instead of one, but the 5th card then disappears after sticking.

Vandie - April 21, 2015, 2:23 pm

(Apr 21, 2015 01:57 PM)Abraham Lincoln Wrote: [\[CITE\]](#) When hitting for the second time (drawing a 4th card) it draws two cards at once instead of one, but the 5th card then disappears after sticking. ok, will fix that now. one moment abe.

EDIT: I think that I fixed it...

Abraham Lincoln - April 21, 2015, 2:52 pm

Have you considered making the project open source at all?

Vandie - April 21, 2015, 2:57 pm

(Apr 21, 2015 02:52 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Have you considered making the project open source at all?

I don't really think I'd want to. I may in the future if I decide to stop working on it but while its in its infancy, I don't really like the idea of handing other people control over my baby :P

Dave Skylark - April 21, 2015, 3:04 pm

(Apr 21, 2015 02:57 PM)Vandie Wrote: [\[CITE\]](#) I don't really think I'd want to. I may in the future if I decide to stop working on it but while its in its infancy, I don't really like the idea of handing other people control over my baby :P

Making it open-source would allow us to verify if it's provably fair or not.

Vandie - April 21, 2015, 3:09 pm

(Apr 21, 2015 03:04 PM)Dave Skylark Wrote: [\[CITE\]](#) Making it open-source would allow us to verify if it's provably fair or not.

true, however, I still don't like the thought of handing it out to all.

I'll find a way to proove that its fair. don't worry about that.

I think tomorrow, I'll add the ability to view the random numbers that each shuffle and pick used. would that be proof enough for you guys?

Abraham Lincoln - April 21, 2015, 3:56 pm

(Apr 21, 2015 02:57 PM)Vandie Wrote: [\[CITE\]](#) I don't really think I'd want to. I may in the future if I decide to stop working on it but while its in its infancy, I don't really like the idea of handing other people control over my baby :P

It doesn't give people control over the site. It just lets them make improvements to the code, which you can then review and choose whether or not to use.

It would make bug fixes a breeze.

(Apr 21, 2015 03:04 PM)Dave Skylark Wrote: [\[CITE\]](#) Making it open-source would allow us to verify if it's provably fair or not.

There's a difference between provably fair, and just fair. Provably fair means that there is absolutely no way any funny business is going on. Making it open source wouldn't do that. Yea, you could see the code, but there is no way to tell if he is actually running that version of the code on his servers.

(Apr 21, 2015 03:09 PM)Vandie Wrote: [\[CITE\]](#) I think tomorrow, I'll add the ability to view the random numbers that each shuffle and pick used. would that be proof enough for you guys? That doesn't really provide any proof. You could easily be just generating those numbers.

Read through this: <https://satoshidice.com/provably-fair/>

That should give you a good idea of how to make it provably fair.

Doctor Blue - April 21, 2015, 4:32 pm

(Apr 21, 2015 03:56 PM)Abraham Lincoln Wrote: [\[CITE\]](#) It doesn't give people control over the site. It just lets them make improvements to the code, which you can then review and choose whether or not to use.

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That doesn't really provide any proof. You could easily be just generating those numbers.

Read through this: <https://satoshidice.com/provably-fair/>

That should give you a good idea of how to make it provably fair.

It's almost always something about hashing everything with a salt and then provide it to the user before he starts playing. Then after the game, you can look at the cards you drew and the cards the dealer drew, the salt, hash it together and compare it to the hash you got before starting the game. The simplest thing to do would probably be to hash the order of the cards in the deck.

It doesn't prove everything, but it's a big step in the right direction.

Vandie - April 22, 2015, 12:37 pm

(Apr 21, 2015 04:32 PM)Doctor Blue Wrote: [\[CITE\]](#) It's almost always something about hashing everything with a salt and then provide it to the user before he starts playing. Then after the game, you can look at the cards you drew and the cards the dealer drew, the salt, hash it together and compare it to the hash you got before starting the game. The simplest thing to do would probably be to hash the order of the cards in the deck.

It doesn't prove everything, but it's a big step in the right direction.

I was just reading what you'd wrote and I think that would work except how it currently works right now is that it reshuffles the deck each page reload and all card selections come from a random point in the deck.

on each page load it runs

PHP Code

```
<?php
```

```
$key = microtime()*mt_rand();
```

then it uses the fisher Yates algorithm to shuffle the deck with said key.

After that, on each card pick it seeds mt_rand using the same key selection system (reran obviously in case the time has changed so as to make it more random) and picks a card.

Thats allot of different keys that could not be generated before the game in the same way. So I need to figure out how to make the user be able to see that its fair without giving them heaps of information that they don't know what to do with. (especially because it never saves keys)

[example page](#)

(the example doesn't take into account previously used cards as it is not storing any)
any ideas?

abundant - April 22, 2015, 7:54 pm

I'll gamble 15k OMC if you let them take a look and make sure you're honest.

SIM-2090815 - April 24, 2015, 8:22 am

Seems like a nice website well done OP

Vandie - April 24, 2015, 12:19 pm

(Apr 24, 2015 08:22 AM)Dispaced Wrote: [\[CITE\]](#) Seems like a nice website well done OP
Thanks. Planning more games when I get the time so hopefully it will be good.

Autopost - April 25, 2015, 8:01 pm

So correct me if I'm wrong but basically your running a gambling website without being able too pay people there winnings? Should abreham actually want too cash out and put it seriously you'd owe him a chunk of change... and since you'll never be able too fund what you owe him how will this site ever work?

Abraham Lincoln - April 25, 2015, 8:16 pm

(Apr 25, 2015 08:01 PM)Autopost Wrote: [\[CITE\]](#) So correct me if I'm wrong but basically your running a gambling website without being able too pay people there winnings? Should abreham actually want too cash out and put it seriously you'd owe him a chunk of change... and since you'll never be able too fund what you owe him how will this site ever work?

He reduced my balance down under the pot and changed the site so that you can't double your money like I did

Autopost - April 25, 2015, 8:20 pm

(Apr 25, 2015 08:16 PM)Abraham Lincoln Wrote: [\[CITE\]](#) He reduced my balance down under the pot and changed the site so that you can't double your money like I did

But unless he has the money too cash out every balance (which I doubt), he can't honestly continue too run this. Also did you agree too him doing so?

Abraham Lincoln - April 25, 2015, 8:25 pm

(Apr 25, 2015 08:20 PM)Autopost Wrote: [\[CITE\]](#) But unless he has the money too cash out every balance (which I doubt), he can't honestly continue too run this. Also did you agree too him doing so?

If he balances the game right so that he house has a small favor it should be fine. The same goes for my casino, although I also put in 30K just in case someone got really lucky.

And no, he didn't ask me about reducing it. I had something like \$100K by the end before he reduced it :P

Autopost - April 25, 2015, 8:28 pm

(Apr 25, 2015 08:25 PM)Abraham Lincoln Wrote: [\[CITE\]](#) If he balances the game right so that he house has a small favor it should be fine. The same goes for my casino, although I also put in 30K just in case someone got really lucky.

And no, he didn't ask me about reducing it. I had something like \$100K by the end before he reduced it :P

I agree he "should" be fine, but as you said if someone wins big, he can't afford it and he can't just go reducing balances too suit himself, if there was a problem in the coding that's on him unless someone hacks the site, which is a different story. Personally I believe until op can provide proof of funds, no one should use this and it shouldn't be endorsed by OMC.

Bigandrewgold - April 25, 2015, 8:55 pm

(Apr 25, 2015 08:28 PM)Autopost Wrote: [\[CITE\]](#) but as you said if someone wins big, he can't afford it

that goes with most gambling sites, a user could win 1000000 btc on prime dice if they got lucky, doesn't mean prime dice has that much on them. A gambling site doesn't need a ton more money than what's being played with. What do you expect him to have, a million omc in his wallet?

(Apr 25, 2015 08:28 PM)Autopost Wrote: [\[CITE\]](#) if there was a problem in the coding that's on him unless someone hacks the site

it was essentially a exploit abraham used(allowed him to win guaranteed). No gambling site would recognize winnings based on that

(Apr 25, 2015 08:28 PM)Autopost Wrote: [\[CITE\]](#) Personally I believe until op can provide proof of funds, no one should use this

its not like anyone is playing with a ton of money

(Apr 25, 2015 08:28 PM)Autopost Wrote: [\[CITE\]](#) it shouldn't be endorsed by OMC.its not endorsed by anyone

Autopost - April 25, 2015, 9:14 pm

(Apr 25, 2015 08:55 PM)Bigandrewgold Wrote: [\[CITE\]](#) that goes with most gambling sites, a user could win 1000000 btc on prime dice if they got lucky, doesn't mean prime dice has that much on them. A gambling site doesn't need a ton more money than what's being played with. What do you expect him to have, a million omc in his wallet?

it was essentially a exploit abraham used(allowed him to win guaranteed). No gambling site would recognize winnings based on that

its not like anyone is playing with a ton of money

its not endorsed by anyone

It's endorsed in a way due too it having the official omc domain.

Abraham Lincoln - April 25, 2015, 9:18 pm

(Apr 25, 2015 08:55 PM)Bigandrewgold Wrote: [\[CITE\]](#) it was essentially a exploit abraham used(allowed him to win guaranteed). No gambling site would recognize winnings based on that It was part of the site design.

(Apr 25, 2015 09:14 PM)Autopost Wrote: [\[CITE\]](#) It's endorsed in a way due too it having the official omc domain.

It's not under an official domain?

Julie - April 25, 2015, 9:20 pm

That moment you play and win twice and go on a losing streak ;_;

Autopost - April 25, 2015, 10:43 pm

(Apr 25, 2015 09:18 PM)Abraham Lincoln Wrote: [\[CITE\]](#) It was part of the site design.

It's not under an official domain?
Casino.omnicoin.net??
Pretty much official if you ask me.

Abraham Lincoln - April 25, 2015, 10:56 pm

(Apr 25, 2015 10:43 PM)Autopost Wrote: [\[CITE\]](#) Casino.omnicoin.net??
Pretty much official if you ask me.
Oh, I didn't see that. I just saw the omc.vandie.co.uk one.

Not sure on Omni's current regulations, but I thought you had to post something about how it's not an official product of OMC, or something along those lines.

CodeJack - April 25, 2015, 11:01 pm

Looks great mate :D :D
holy cow haha that's some great coding.
Do it with btc!

Autopost - April 25, 2015, 11:21 pm

(Apr 25, 2015 10:56 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Oh, I didn't see that. I just saw the omc.vandie.co.uk one.

Not sure on Omni's current regulations, but I thought you had to post something about how it's not an official product of OMC, or something along those lines.

Well it's missing that, and even so it's not a good look in my opinion for the coin as a while.

Vandie - April 26, 2015, 2:34 am

(Apr 25, 2015 11:21 PM)Autopost Wrote: [\[CITE\]](#) Well it's missing that, and even so it's not a good look in my opinion for the coin as a while.

Autopost, I recognise your concerns. If you logged in then you would know I openly disclose the size of the pot and also have stated on the cash out page that you can only cash out a total of 15% of the pot per 24 hours. The site can continue to run fine provided people keep playing. I have on occasion allowed bigger withdrawals through the support email but this is only in special circumstance.

The secondary domain was a recommendation by omni from a PM that I was sent. Also I can't go around changing the wallets willy nilly as thats bad business practice. Abe found a way to always get a win which when I had fixed I reduced his chips as it was fraudulently won. I did still give him an extra 40 chips that he didn't actually need to get. I specifically set this up so that as long as I continued to fix peoples issues with the site it would in essence be auto pilot.

Hope this clears everything up.

Signed,
Vandie

PS. Abe thanks for defending me :P

I'm also thinking of introducing a 5-OMC chip if people want it?

D?ath - April 28, 2015, 4:35 pm

I am one of the beta testers and I can say that this game is provably fair.

Dave Skylark - April 28, 2015, 5:18 pm

The pot is still the same since last week, is it a bug or it means nobody else played?

Abraham Lincoln - April 28, 2015, 6:31 pm

(Apr 28, 2015 04:35 PM)D?ath Wrote: [\[CITE\]](#) I am one of the beta testers and I can say that this game is provably fair.

Is there a private beta version, or are you talking about the live one?

D?ath - April 28, 2015, 6:36 pm

(Apr 28, 2015 06:31 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Is there a private beta version, or are you talking about the live one?

I am a member of a select group that lets me play games he has not released yet. I am a beta player from before the release of black jack.

Abraham Lincoln - April 28, 2015, 6:38 pm

(Apr 28, 2015 06:36 PM)D?ath Wrote: [\[CITE\]](#) I am a member of a select group that lets me play games he has not released yet. I am a beta player from before the release of black jack.

Ah, I see.

The current blackjack game available to the public is not provably fair.

D?ath - April 28, 2015, 7:48 pm

(Apr 28, 2015 06:38 PM)Abraham Lincoln Wrote: [\[CITE\]](#) Ah, I see.

The current blackjack game available to the public is not provably fair.

Oh really? Explain to me how so? Do you need to see the coding or do you need to play enough games where there is likely chance of winning and losing are the same regardless?

Abraham Lincoln - April 28, 2015, 8:38 pm

(Apr 28, 2015 07:48 PM)D?ath Wrote: [\[CITE\]](#) Oh really? Explain to me how so? Do you need to see the coding or do you need to play enough games where there is likely chance of winning and losing are the same regardless?

Probably fair means that you can prove 100% that the game is fair. This is generally done by providing a hash to the client of the random generator function result plus a seed, and then providing them with the random generator result and seed after the game.

Basically there is no way for you to mess with the numbers during the whole procedure.

Vandie - April 28, 2015, 10:23 pm

(Apr 28, 2015 05:18 PM)Dave Skylark Wrote: [\[CITE\]](#) The pot is still the same since last week, is it a bug or it means nobody else played?

No-one has played. Its unfortunate but true.

Anyway I fixed a few bugs.

Edit: Actually, I phrased this wrong. No-one has bought any chips.people have played free play.

Dave Skylark - April 30, 2015, 4:16 pm

Looks like the site is fucked up a little bit.

Are you working on it or...?

Vandie - April 30, 2015, 10:57 pm

(Apr 30, 2015 04:16 PM)Dave Skylark Wrote: [\[CITE\]](#) Looks like the site is fucked up a little bit.

Are you working on it or...?

Shit. Sorry. I'll fix it now. AI was working on coursework for school for the past few days so sorry.

Edit. Fixed . seems I had uploaded the beta index to the root of the server :p

D?ath - May 2, 2015, 4:44 pm

Vandie is putting together a new theme, a new game and possibly a team of staff

Vandie - May 4, 2015, 8:50 am

Just updated the site design, still working on it but its at a point where I'm happy to show it off.

The new game will get done at some point but due to exams it may be up to a month.

The staff team will be announced shortly as well as some other new features (W:L:D ratio's anyone?)

Either-way, I'm really enjoying the site as a project and hope you are enjoying it as much as me.

Signed,
Vandie.

Zink - May 7, 2015, 1:45 pm

Vouch for OmniCoin BlackJack.

Vandie is working hard on this website.

One of the best so far.

Vandie - May 9, 2015, 6:41 am

Working on the profile system in time for the next game (as it allows challenging of other players) and also added stats. Baring mind this link is for a beta, the profiles may change drastically before I actually fully release them. Any suggestions as to what else I could add to them is much appreciated.

<http://omc.vandie.co.uk/beta/profile.php>

If you are logged in then it will automatically select your profile, otherwise it will select mine.

I also made the site mobile compatible.

Signed,
Vandie.

Profiles that I know have been set up fully by the user:

vandie

dragon

joclings

waistcoatdev

Tohka214

Dave Skylark - May 9, 2015, 10:45 am

(May 9, 2015 06:41 AM)Vandie Wrote: [\[CITE\]](#) Working on the profile system in time for the next game (as it allows challenging of other players) and also added stats. Baring mind this link is for a beta, the profiles may change drastically before I actually fully release them. Any suggestions as to what else I could add to them is much appreciated.

<http://omc.vandie.co.uk/beta/profile.php>

If you are logged in then it will automatically select your profile, otherwise it will select mine.

I also made the site mobile compatible.

Signed,
Vandie.

Profiles that I know have been set up fully by the user:

vandie
dragon
joclings
waistcoatdev
Tohka214

Awesome, my profile just got linked to my Vandie Casino profile.

<http://omc.vandie.co.uk/beta/profile.php?uid=24>

Very cool feature, it would be great if you as a player could choose if you want to show off your chips to everyone or not.

Vandie - May 9, 2015, 11:15 am

(May 9, 2015 10:45 AM)Dave Skylark Wrote: [\[CITE\]](#) Awesome, my profile just got linked to my Vandie Casino profile.

<http://omc.vandie.co.uk/beta/profile.php?uid=24>

Very cool feature, it would be great if you as a player could choose if you want to show off your chips to everyone or not.

I was thinking about adding that but wasn't sure if people would want it. I'll add it as soon as I can.
:P

Dave Skylark - May 9, 2015, 3:26 pm

(May 9, 2015 11:15 AM)Vandie Wrote: [\[CITE\]](#) I was thinking about adding that but wasn't sure if people would want it. I'll add it as soon as I can. :P

What are some other games you're working on?

Would love something like satoshimines but with OMC, tried to get something working but couldn't and looks like you got the skills required to make it.

Vandie - May 9, 2015, 10:27 pm

(May 9, 2015 03:26 PM)Dave Skylark Wrote: [\[CITE\]](#) What are some other games you're working on?

Would love something like satoshimines but with OMC, tried to get something working but couldn't and looks like you got the skills required to make it.

I'm throwing ideas around in my head for it , Right now I'm working on a sort of multi-player dice game (just something simple) . Afterwards I'll take a look at satoshi mines as it will take quite a bit of thinking.

Dave Skylark - May 10, 2015, 1:57 am

(May 9, 2015 10:27 PM)Vandie Wrote: [\[CITE\]](#) I'm throwing ideas around in my head for it , Right now I'm working on a sort of multi-player dice game (just something simple) . Afterwards I'll take a look at satoshi mines as it will take quite a bit of thinking.

I was looking for some code to start with a while ago and found this:

<http://pastebin.com/m3FMHqHC>

It's the one from <http://minefield.bitcoinlab.org> if I remember good.

Vandie - May 10, 2015, 3:06 am

(May 10, 2015 01:57 AM)Dave Skylark Wrote: [\[CITE\]](#) I was looking for some code to start with a while ago and found this: <http://pastebin.com/m3FMHqHC>

It's the one from <http://minefield.bitcoinlab.org> if I remember good.
thanks, may be useful...

Signed,
Vandie.

JDCL - May 10, 2015, 1:01 pm

Its looking good. We have just finished the Profiles page. You can register and then look at your own at: <http://omc.vandie.co.uk/profile/>

Vandie - May 13, 2015, 2:42 pm

(May 10, 2015 01:01 PM)Joclings Wrote: [\[CITE\]](#) Its looking good. We have just finished the Profiles page. You can register and then look at your own at: <http://omc.vandie.co.uk/profile/>

Just going to confirm that this is now officially out (including Skylarks suggestions) . Joclings is officialy staff but I am currently doing exams. This means that updates may not happen for a a week or two. Remember that you can ask for support at support@vandie.co.uk if anything goes wrong.

Thanks for all the support so far.
Signed Vandie.

Dave Skylark - May 13, 2015, 3:57 pm

(May 13, 2015 02:42 PM)Vandie Wrote: [\[CITE\]](#) Just going to confirm that this is now officially out (including Skylarks suggestions) . Joclings is officialy staff but I am currently doing exams. This means that updates may not happen for a a week or two. Remember that you can ask for support at support@vandie.co.uk if anything goes wrong.

Thanks for all the support so far.
Signed Vandie.

Thanks for adding that, cool feature, this is starting to look like a real casino.

Just a little annoying bug I found, if you leave a blank space in the Avatar box it will give you an Invalid URL error until you remove that space and then you are able to continue.

And what is that "1" I see on the top right of my profile?

Vandie - May 13, 2015, 10:35 pm

I'll take a look at from fixing the box so it allows blank avatars .I haven't seen the one in any corner but I'll look into it...

Moon Rock - May 14, 2015, 9:31 am

Looks really good, just did a couple free plays and I might actually buy some chips. Good job Vandie ?

Vandie - May 14, 2015, 10:18 am

(May 14, 2015 09:31 AM)Hitman Agency Wrote: [\[CITE\]](#) Looks really good, just did a couple free plays and I might actually buy some chips. Good job Vandie ?

Thanks. I'm working on my exams right now but I have a load of things planned for once I have free time (I've hinted at a lot of them).

JDCL - May 16, 2015, 3:53 pm

Guys, We have just added a new changelog. If you want to see what we're doing, just take a look at it. View it at : <http://omc.vandie.co.uk/changelog/>

Vandie - May 21, 2015, 1:49 pm

Just finished making multiplayer dice and the provably fair system is built into it.

In order to use it go to the profile of the user you want to challenge and click 'Challenge to a game of dice'.

Due to the fact I have only just released it, It may have a few issues.

Signed,
Vandie

Dragon. - May 24, 2015, 2:31 pm

Vouch for this user. He has a large collection of hentai.

Cory™ - May 24, 2015, 2:32 pm

This is actually really sick :)

Vandie - May 24, 2015, 2:34 pm

(May 24, 2015 02:31 PM)Dragon. Wrote: [\[CITE\]](#) Vouch for this user. He has a large collection of hentai.

Dragon, Don't troll my thread!

(May 24, 2015 02:32 PM)Cory™ Wrote: [\[CITE\]](#) This is actually really sick :)
Thanks.

Tohka Yatogami - May 25, 2015, 2:20 am

I remember when Vandie first started this project haha. He's come a long way with it since then, good luck with this!

Vandie - May 26, 2015, 3:10 am

So I was reading through some other threads and saw that some people wanted slots in a gambling site. Anyone interested as I may put a bit of time in to make it a thing.

SIM-2015410 - May 26, 2015, 7:20 pm

(May 26, 2015 03:10 AM)Vandie Wrote: [\[CITE\]](#) So I was reading through some other threads and saw that some people wanted slots in a gambling site. Anyone interested as I may put a bit of time in to make it a thing.

Slots, roulette, poker, they would all be great additions :)

Vandie - May 27, 2015, 12:55 am

(May 26, 2015 07:20 PM)?eshCollider Wrote: [\[CITE\]](#) Slots, roulette, poker, they would all be great additions :)

K thanks. I'll see what I can do. Remember <http://omc.vandie.co.uk/changelog> contains all the change I make even before they are released.

NiktoKan - May 27, 2015, 7:44 am

(May 26, 2015 07:20 PM)?eshCollider Wrote: [\[CITE\]](#) Slots, roulette, poker, they would all be great additions :)

Poker +1

9 Person Table will be nice. Add a chat box will be even better. Rake should not more than 5%.

SIM-2223238 - May 27, 2015, 7:52 am

Satoshimines game please, I can rekt this game :D

D?ath - May 27, 2015, 1:17 pm

(May 27, 2015 07:52 AM)Aggron Wrote: [\[CITE\]](#) Satoshimines game please, I can rekt this game :D ... dude, right now we are doing blackjack and dice, then he is going to design the site, then we will do more games.

Vandie - May 27, 2015, 1:24 pm

(May 27, 2015 01:17 PM)D?ath Wrote: [\[CITE\]](#) ... dude, right now we are doing blackjack and dice, then he is going to design the site, then we will do more games.

You do realize I'm coming up with an algorithm for slots at the moment right?...

Vandie - May 30, 2015, 12:30 pm

Ok so I got told double posting is allowed provided you leave 24 hours between. Please correct me if I'm wrong.

Ok, so I was trying to get Omni to allow me to use the award icons for the new slots game I was working on, however due to him saying no, I am looking for some ideas of what else I could use. Thanks in advance guys.

[Edit: Found some]

REKTED BY LOLI GODS - June 1, 2015, 12:29 pm

I had a few wins, yee I got more money! :3 ^^

Vandie - June 20, 2015, 3:08 am

Quick Q/A:

Why have there been no more updates for ages?:

Well firstly, I had exams and therefor couldn't but then, when I had completed them, I looked at the site and realized that so few people were using it that it was pointless me doing anything.

Why are you posting this now?:

Basically I thought that you guys should know why I've been gone.

Are you just running this for the group?:

No. That's way too much money and frankly I have nothing that I could do with one.

Will there ever be any more updates?:

If people start using it then I will add more but until then it will stay on the current build (3.0).

Can I help out/Take over the project?:

No. This is my project. I'm not handing it over to anyone.

Will you be doing anything else while the project is on hiatus?:

Possibly, although I'm not sure if you guys will see it.

Does this mean that the site is going down?:

No, the hosting is free so it's not like I'm losing anything by leaving it up. It will stay up.

TLDR:

If you want updates then use the site.

Signed,
Vandie