

Forum:[Hack Forums](#)

Thread: [Teaser Convo Chat Feature](#)

Omniscient - August 23, 2019, 11:07 am

We hope to have this feature on HF today. It's not going to be fully complete but it will be functional.

You will be able to create room chats. We are calling it "Convos" to distinguish it from PMs. It will be a live chat system which will also allow for group chats up to 10 members in one room.

We will not be replacing the PM system with this. It's a supplement. PM's are an integral part of MyBB and it would be a lot of work to replace that system. Over time we may choose to do that but for now we'll just add Convos as a new feature.

I hope that we can have it on HF by the end of the day and everyone can begin to use it. So far testing at KnotBB has been great and we're just finishing up some coding to make it just right for launch.

Deany - August 23, 2019, 11:08 am

Looks stunning. Glad something like this is being released.

Regulus - August 23, 2019, 11:08 am

Holy tits.

Looks really promising, looking forward to it!

emotionull - August 23, 2019, 11:09 am

It's a lot of fun ya'll. Excited to see the release.

boost - August 23, 2019, 11:10 am

That's dope, looking forward to testing this out!

Silent hill - August 23, 2019, 11:10 am

it's a STONKS for hackforums! i don't think we will use discord/skype anymore.

Zeus - August 23, 2019, 11:12 am

Look's dope can't wait to use this!

Great work Xerotic + Omni!

Banter. - August 23, 2019, 11:13 am

Awesome feature, especially if you're contacting multiple people about the same thing it would be much easier to have a chat room setup for it.

I'm excited to try it out

Xerotic - August 23, 2019, 11:16 am

This will be super useful for those who use a middleman in their services. Set up a quick room with both party members plus the middleman and boom, you're set to discuss. On site chat = HF proof to more easily handle any disputes.

Banter - August 23, 2019, 11:18 am

(Aug 23, 2019 11:16 AM)Xerotic Wrote: [\[CITE\]](#) This will be super useful for those who use a middleman in their services. Set up a quick room with both party members plus the middleman and boom, you're set to discuss. On site chat = HF proof to more easily handle any disputes.

^ Perfect scenario where this feature will be so useful! ?

123 - August 23, 2019, 11:22 am

Holy fucking god. Thanks Omni and Xerotic for this add.

The reason HF is best coz it really listens to its userbase. Seriously, so good to have this on HF. It was much needed. Thanks a lot. It would ease out mang things in future.

isu - August 23, 2019, 11:22 am

This is so cool, thanks Omni

kawaii - August 23, 2019, 11:23 am

Awesome work guys, looking forward to seeing it deployed on HF shortly.

Meowth - August 23, 2019, 11:25 am

The lines are going to be out the door for this release. Get in line early!

Herbert - August 23, 2019, 11:26 am

Looks very neat

can't wait for this to be implemented :)

Bob White - August 23, 2019, 11:28 am

Hopefully all off site links are parsed.

packofmidgets - August 23, 2019, 11:31 am

Looks great. I was hoping for a good amount of time something like this would come along for faster responses with members =) Keep up the great work!

SUI-3183372 - August 23, 2019, 11:32 am

Even with small screen sizes / browser windows, it looks really good. Xerotic did an excellent job making sure it looks good on any size screen.

Xerotic - August 23, 2019, 11:38 am

(Aug 23, 2019 11:32 AM)BV1 Wrote: [\[CITE\]](#)

Even with small screen sizes / browser windows, it looks really good. Xerotic did a good job making sure it looks good on any size screen.

Yup. And this is just a first version release. As time goes on we'll be able to perfect it until it is very intuitive and pleasant to use.

Temp_reassign - August 23, 2019, 11:38 am

Me: Bro I'm interested.

You: Sure. send me your #disc contact.

Me: Why bro, just DM me

You: It's faster. DM response are too slow.

Me: Oh ok. Add me on HF convo id. It's live and safer ?

Long live HF. Long live Xerotic.

BTC - August 23, 2019, 11:40 am

fuck yea this is awesome. good work

123 - August 23, 2019, 11:40 am

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You: Sure. send me your #disc contact.

Me: Why bro, just DM me

You: It's faster. DM response are too slow.

Me: Oh ok. Add me on HF convo id. It's live and safer ?

Long live HF. Long live Xerotic.

Hahahaha. Yup. I can see the future already.

int - August 23, 2019, 11:41 am

this is epic style, way better than PMs IMO, although I do agree PMs should be kept for legacy reasons

SIM-1729678 - August 23, 2019, 11:41 am

The mobile version works great as well, you guys will love this!

Mr.MK - August 23, 2019, 11:42 am

I love the style, reminds a bit of Skype or WhatsApp Web. Im sure it will be a successful feature.

IncLom - August 23, 2019, 11:42 am

Now we can avoid offline deal / this is awesome

Temp_reassign - August 23, 2019, 11:43 am

(Aug 23, 2019 11:40 AM)123 Wrote: [\[CITE\]](#) Hahahaha. Yup. I can see the future already.

Talk about giving scammers a hard time.

Happeh - August 23, 2019, 11:50 am

Damn, a live chat system. Becoming less and less a traditional forum and more and more a social media site. In a positive way ofc.

123 - August 23, 2019, 11:55 am

I hope we can see implementation of new feature where Group owners are allowed to make Chat Room with maximum of 30-50 members so we can have one chat room for all group members.

nCuX0 - August 23, 2019, 11:59 am

this is fookin great really, will it be available for regular members like me ?

Omniscient - August 23, 2019, 12:05 pm

(Aug 23, 2019 11:50 AM)Happeh Wrote: [\[CITE\]](#) Damn, a live chat system. Becoming less and less a traditional forum and more and more a social media site. In a positive way ofc.

And that's the direction I've been pushing HF for the past year. We won't survive as a forum only site. Forums are all dying. Even if you say other forums have more activity than HF you can't argue they are better quality. I see some forums where a post reply is required to see content. So you end up with a thread with 500 replies of "ty". Total shit. Adds zero value and zero quality.

What Xerotic and I are doing is creating reasons other than forum posting for you to be here. I want

HF viewed as the first stop and home page bookmark for your daily internet activity. We will be your hub and gateway to daily interactions online.

What members expect now is self-importance. And that's necessarily acknowledgement of good content. It's more about constantly feeling like the world revolves around them. Pages and features need to be designed for that mentality.

Quote:I hope we can see implementation of new feature where Group owners are allowed to make Chat Room with maximum of 30-50 members so we can have one chat room for all group members.

That's a definite feature coming once we have it all hashed out.

Zher0 - August 23, 2019, 12:09 pm

Pretty cool, clean UI. Is it going to be like a pop up of sorts at the bottom of our screens?

Obsolete - August 23, 2019, 12:14 pm

Yeah definitely looking for the release of this by the end of the day!

asmosc - August 23, 2019, 1:28 pm

Nice. What would be interesting is a free open community chat for all members that resets all messages ever 12 hrs.

Strato - August 23, 2019, 1:31 pm

This looks awesome and I've never seen something like this on the other forums.

Omniscient - August 23, 2019, 1:38 pm

(Aug 23, 2019 01:28 PM)asmosc Wrote: [\[CITE\]](#) Nice. What would be interesting is a free open community chat for all members that resets all messages ever 12 hrs.

It's likely we'll have a life for messages but 12 hours is too short. Most likely 1 week or maybe X messages (500) for cases with group chats.

We definitely can't do unlimited and save it forever. It could be a huge database table.

I'm also considering how we can do encryption but that will only work with one on one and will likely be a feature we'd add much later.

This will also eventually work as a web socket to be even smoother.

Pyro - August 23, 2019, 1:54 pm

(Aug 23, 2019 01:41 PM)M0HX Wrote: [\[CITE\]](#) Imma test soon ö

@Omni, could you possibly increase the limit to 20 members? so we can have official chatroom for crews!

It looks dope! thank you guys for all of your hard work.

Would be awesome for groups too. I would love to be in group chatroom but I don't wanna use Discord

Kosmos - August 23, 2019, 2:09 pm

How about time stamps? Hard to have a chat without knowing when something was sent.

Grim - August 23, 2019, 2:11 pm

(Aug 23, 2019 11:16 AM)Xerotic Wrote: [\[CITE\]](#) This will be super useful for those who use a middleman in their services. Set up a quick room with both party members plus the middleman and boom, you're set to discuss. On site chat = HF proof to more easily handle any disputes.
Wow this is amazing. Still amazes me how much you guys continue to update the website and take care of it!

SIM-4086413 - August 23, 2019, 2:14 pm
Brilliant.

Discord was the evolution of forums they said...
Omniscient & Xerotic both took a huge dump on discord with this lol.

I do see discord and skype becoming useless when this is fully finished and other forums start copying HF convos and other features.

Future suggestion:
Make it so you can send emails through the chat, on our side just looking like you are chatting while the email address just receives an email.
This way we can contact people outside of HF with the chat aswell.
HF emails are a thing right?
This would make discord almost useless for myself.

DrDoof - August 23, 2019, 2:17 pm
Damn this looks really cool I would use the hell out of this if I had any frends

Kosmos - August 23, 2019, 2:19 pm
(Aug 23, 2019 02:14 PM)Magaddino Wrote: [\[CITE\]](#) Brilliant.

Discord was the evelution of forums they said...
Omniscient & Xerotic both took a huge dump on discord with this lol.

I do see discord and skype becoming useless when other forums start copying HF with this and other features.
The incoming displacement of members moving from Discord to the site chat feature isn't even a fraction of the biggest servers on Discord. Don't be cocky about it, it doesn't have to beat Discord. They're gonna still be cashing checks in a decade.

SIM-4086413 - August 23, 2019, 2:23 pm
(Aug 23, 2019 02:19 PM)Kosmos Wrote: [\[CITE\]](#) The incoming displacement of members moving from Discord to the site chat feature isn't even a fraction of the biggest servers on Discord. Don't be cocky about it, it doesn't have to beat Discord. They're gonna still be cashing checks in a decade.
I never said that majority of the discord users is on HF.
But this feature specifically can make discord and other chat system useless when all bigger forums start implementing this, you have no idea what they are planning on doing with this in the future, i'm sure great chat features will be released.
And discord is a downgrade of forums anyways, the only things that forums are missing are live private chats and chatbots, well there you go Convos just filled that whole.

Maybe a mybb dev starts releasing a live chat plugin for mybb where anyone on any forum can chat with eachother aslong as the plugin is installed on the forum they are active on.

Yin Yang - August 23, 2019, 2:24 pm
Pretty cool. Are the chats monitored at all?

Katyuska - August 23, 2019, 2:26 pm

I have been wanting this from day one. I love it! Great job guys, I know it wasn't easy to get this done the right and secure way. Thank you!

DOG - August 23, 2019, 2:29 pm

Finally! Awesome, I was really waiting for this for a long long time. And the interface looks amazing!

Almonds - August 23, 2019, 2:32 pm

Great development work! Happy to see this finally come into play.

SIM-1729678 - August 23, 2019, 2:57 pm

(Aug 23, 2019 02:55 PM)Lavish Living Wrote: [\[CITE\]](#) Bytes integration would be cool (ability to send bytes without leaving chat atleast)

Also, capped at 10 members per chat??? That's kinda low :(
I feel it's a decent amount for a new system..

Xen - August 23, 2019, 2:59 pm

This looks pretty sick, nice work guys!

gigajew - August 23, 2019, 3:23 pm

This might be good, you should add little pop-up notifications on the side regardless what page you're on, and a modal if you want to quickly reply and read

Nas - August 23, 2019, 3:34 pm

Looks super clean, any plans on having image uploads or will it work similar to PMs with myCode syntax?

Super excited for this.

Kill Joy - August 23, 2019, 3:47 pm

This will be a majorly beneficial update. Looking forward to using it. :)

Kosmos - August 23, 2019, 3:48 pm

(Aug 23, 2019 02:23 PM)Magaddino Wrote: [\[CITE\]](#) I never said that majority of the discord users is on HF.

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Maybe a mybb dev starts releasing a live chat plugin for mybb where anyone on any forum can chat with eachother aslong as the plugin is installed on the forum they are active on.

Discord accepts that forums are a dying medium of conversation, that is why I back Discord heavily. They know most people can't be fucked to post on someone's forum, when they can talk to their friends openly on a chat service. HF is the only forum I think will outlive everything else. It's even surpassed Mybb's version with how much Xerotic has to fix because it's not already a feature. That's a lot of work bud, that can totally be prevented.

Evil - August 23, 2019, 3:59 pm

This is really really nice. I would much prefer this over using discord with members. Absolutely cannot wait!

XzoRcisT - August 23, 2019, 4:13 pm

Damn you guys keep coming out with awesome ideas, love it!

Blogger - August 23, 2019, 4:22 pm

Hmm. Another interesting addition to the forum. I'll make sure to check it out.

SIM-3871390 - August 23, 2019, 6:02 pm

Looking forward to this, will make communicating a lot easier & efficient

Omniscient - August 23, 2019, 7:24 pm

Quote:How about time stamps? Hard to have a chat without knowing when something was sent.

We'll worry about that later. This is also meant for live chat and not for something that's hours apart for messages. Use the PM system in such cases.

Quote:@Omni, could you possibly increase the limit to 20 members? so we can have official chatroom for crews!

Current limit will be 10. Limits will be altered later on. For now it's 10.

Quote:I do see discord and skype becoming useless when this is fully finished and other forums start copying HF convos and other features.

It doesn't take much looking around to see features we've added to HF over the past year that other sites have immediately copied.

Quote:Make it so you can send emails through the chat

No. Why would we do that? We are not an email provider. You will not be bothering members to their emails.

Quote:Maybe a mybb dev starts releasing a live chat plugin for mybb

There already is options for MyBB chat systems. We built this one from scratch though as we wanted it to be more modern. It's very likely we'll implement this using web sockets over the next week or two which will make it more efficient and faster.

Quote:Pretty cool. Are the chats monitored at all?

Currently we don't have mod access for chats of members. And just like PMs unless there is abuse reported to us it's likely we won't care to monitor convos.

Quote:Bytes integration would be cool (ability to send bytes without leaving chat atleast)

No. That's something I think would clutter the interface and is not really required.

Quote:Also, capped at 10 members per chat??? That's kinda low :(

This is a beta version. Why not STFU and wait till we have this more complete before you bitch and moan about something. Fuck it. Now it's 5 because of the bitching.

Quote:This might be good, you should add little pop-up notifications on the side regardless what page you're on, and a modal if you want to quickly reply and read

This is not really something to work with modal. We will be rebuilding the notification system eventually to use web sockets and doing browser push notifications. So wait on that please.

Quote: Looks super clean, any plans on having image uploads or will it work similar to PMs with myCode syntax?

My guess is we'll not allow uploads. We hope to do markdown code instead of MyCode for this. It's shorter syntax and more appropriate for a chat system. It does what we need.

Xerotic - August 23, 2019, 7:33 pm

<https://hackforums.net/convo.php>

You can find that link on every page to the left of the PM icon. The icon is a "bullhorn".

Kill Joy - August 23, 2019, 7:36 pm

(Aug 23, 2019 07:33 PM)Xerotic Wrote: [\[CITE\]](#) <https://hackforums.net/convo.php>

You can find that link on every page to the left of the PM icon. The icon is a "bullhorn".

Amazing work. Thank you for the update. <3

Dorrance - August 23, 2019, 7:49 pm

I like the new future lowkey, it would private messaging much easy.

Nas - August 23, 2019, 7:52 pm

A really amazing feature, great job. Can't wait to see it progress with even more features.

lol - August 23, 2019, 8:14 pm

Good f**king shit! Awesome job, guys!

Is it possible to add timestamp?

Xerotic - August 23, 2019, 8:17 pm

(Aug 23, 2019 08:14 PM)lol Wrote: [\[CITE\]](#) Good f**king Clay Davis! Awesome job, guys!

Is it possible to add timestamp?

Timestamps will come. Have you chatted with someone yet using it?

lol - August 23, 2019, 8:23 pm

(Aug 23, 2019 08:17 PM)Xerotic Wrote: [\[CITE\]](#) Timestamps will come. Have you chatted with someone yet using it?

Yep, waiting for them to reply ?

Also, just noticed one thing, smilies doesn't work.

EDIT: what do you think about adding smilies? Sorry if someone already asked.

Xerotic - August 23, 2019, 8:24 pm

(Aug 23, 2019 08:23 PM)lol Wrote: [\[CITE\]](#) Yep, waiting for them to reply ?

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EDIT: what do you think about adding smilies? Sorry if someone already asked.
I'd prefer emoji support so you can use the ones on your phone and desktop already.

EDIT: There are not alerts yet with the conversation system so nobody will receive notice when you message them. That is coming.

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(Aug 23, 2019 08:24 PM)Xerotic Wrote: [\[CITE\]](#) I'd prefer emoji support so you can use the ones on your phone and desktop already.

EDIT: There are not alerts yet with the conversation system so nobody will receive notice when you message them. That is coming.

Yesss, emoji support, that's even better.

Also one more suggestion ?

Is it possible to add the colour usernames?

For example, when I search your name, it should be purple bold instead of normal white font?

And this user should be orange and bold. Easier to know which one?

lol - August 23, 2019, 9:08 pm

(Aug 23, 2019 08:48 PM)M0HX Wrote: [\[CITE\]](#) someone message me pls. Im bored :3
Reply bitch. Need to see something...

gigajew - August 23, 2019, 9:16 pm

(Aug 23, 2019 09:08 PM)lol Wrote: [\[CITE\]](#) Reply bitch. Need to see something...
Think he went to do something right now

?ytes - August 23, 2019, 9:50 pm

Can we expect smiley to be included soon?

Adolf Hipster - August 23, 2019, 10:08 pm

Looks great can't wait to try it out myself!

Cooligan - August 23, 2019, 10:55 pm

This is fantastic Omni, I'm loving it.

All the old HFES userscript users will really like this as it reminds me of "Pretty PM's".

I noticed there are no smilies to use currently, however you can still use emoji's simply by

right-clicking in the text field. ? ?

fidusobe - August 23, 2019, 11:01 pm

So its kind of like a shoutbox? Looks neat.

SIM-3343347 - August 23, 2019, 11:29 pm

Are you using socket.io or something else?

flavoral - August 24, 2019, 3:41 am

I've noticed a "bug" where it can double send the message if you double hit enter.

Roytoy - August 24, 2019, 3:51 am

This looks very promising. Can't wait to use it

Cyber Coder - August 24, 2019, 5:22 am

that's great but what about privacy wise ?

Do ip gets stored when used?

Are the conversations encrypted and only for our eyes or staff can see sensitive data anytime?

If we delete a conversation is there a time interval like 1 month after is wiped from hf servers too or everything gets stored?

These are important questions for the paranoid ones.

I understand if my questions are a bit too pushy and the average user shouldn't have access to this kind of information but would be nice to know what happens with our personal conversations and have some transparency

Fhack - August 24, 2019, 5:24 am

Amazing functionality! It will be easier to talk on this forum. If one day the live update is implemented it will be even better.

BTC - August 24, 2019, 5:25 am

(Aug 24, 2019 05:22 AM)Cyber Coder Wrote: [\[CITE\]](#) that's great but what about privacy wise ?

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These are important questions for the paranoid ones.

I believe most your questions already been answered.

As for IP being stored, it certainly stores your UID, in which case your IP address is stored in the database upon each connection, as shown [here](#). So that question is a bit irrelevant, as for the rest of your questions, read through the replies to this thread ?

Cyber Coder - August 24, 2019, 5:30 am

(Aug 24, 2019 05:25 AM)BTC Wrote: [\[CITE\]](#) I believe most your questions already been answered.

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i've read the whole thread and only 1 of my question is half answered, i'd like a more detailed answers , i'm sure a lot here care about privacy more than they want to admit

BTC - August 24, 2019, 5:32 am

(Aug 24, 2019 05:30 AM)Cyber Coder Wrote: [\[CITE\]](#) i've read the whole thread and only 1 of my

question is half answered
your 1st question is redundant

2nd question - <https://hackforums.net/showthread.php?tid=6001600&pid=58881233#pid58881233>

3rd question - <https://hackforums.net/showthread.php?tid=6001600&pid=58881233#pid58881233>

;))

(Aug 24, 2019 05:30 AM)Cyber Coder Wrote: [\[CITE\]](#) i'm sure a lot here care about privacy more than they want to admit

fair, but you are already logging into a forum which stores your IP address in the database, so that should not be a concern. If you want encryption prior to it possibly being added in the future as stated, then do the encryption yourself, very simple

Cyber Coder - August 24, 2019, 5:35 am

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;))

fair, but you are already logging into a forum which stores your IP address in the database, so that should not be a concern. If you want encryption prior to it possibly being added in the future as stated, then do the encryption yourself, very simple i wont even bother answering you anymore, what the guy asked is completely different from what i asked, just leave it be and let a staff member answer if he is willing to

i simple want to know where do we draw the limit about what can we talk there.

SIM-1729678 - August 24, 2019, 5:36 am

(Aug 24, 2019 05:22 AM)Cyber Coder Wrote: [\[CITE\]](#) that's great but what about privacy wise ?

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These are important questions for the paranoid ones.

If you are paranoid don't use it and stick to the PM system, easy.

BTC - August 24, 2019, 5:37 am

(Aug 24, 2019 05:35 AM)Cyber Coder Wrote: [\[CITE\]](#) i wont even bother answering you anymore, what the guy asked is completely different from what i asked, just leave it be and let a staff member answer if he is willing to

Imfao you are funny

Spoiler [\(Click to View\)](#) <--- thats you btw

(Aug 24, 2019 05:36 AM)ScreemS Wrote: [\[CITE\]](#) If you are paranoid don't use it and stick to the PM system, easy.

very true, or [secrets](#), or pgp encryption for the extra paranoid who don't trust Omni

Bossk - August 24, 2019, 5:46 am

Very glad to see this, I will certainly use this a lot once launched.

flavoral - August 24, 2019, 5:50 am

(Aug 24, 2019 05:46 AM)Bossk Wrote: [\[CITE\]](#) Very glad to see this, I will certainly use this a lot once launched.

it is out <https://hackforums.net/convo.php>

Rigel - August 24, 2019, 6:11 am

Great job, Omni! I'm really excited for this :)

Michael - August 24, 2019, 6:46 am

Will there be something like a general chat too?

Bossk - August 24, 2019, 6:52 am

(Aug 24, 2019 05:50 AM)flavoral Wrote: [\[CITE\]](#) it is out <https://hackforums.net/convo.php>
whaaat

flavoral - August 24, 2019, 7:57 am

(Aug 24, 2019 06:52 AM)Bossk Wrote: [\[CITE\]](#) whaaat
yep just started a chat with you too

Goku - August 24, 2019, 8:20 am

Would it possible to have a shoutbox with this system? I find that pretty enjoyable when using on anime hosting websites. Allows for quick q&a when you don't have time to create a thread about it and wait for people to answer.

Banter. - August 24, 2019, 10:41 am

Tested last night it works great!, awesome work guys!

Regulus - August 24, 2019, 10:45 am

Someone invite me to a group chat I wanna make new friends

CPA Exposé - August 24, 2019, 11:14 am

Do Omni and Xerotic ever even sleep? Damn !

Omniscient - August 24, 2019, 11:29 am

(Aug 24, 2019 11:14 AM)Crumbs Wrote: [\[CITE\]](#) Do Omni and Xerotic ever even sleep? Damn !
I take my 4 hours per night very well thank you.

We'll work this week to improve the feature and polish it up. We did just enough to get this on HF for Friday since Xerotic doesn't work weekends.

I'm already making a nice list of things for Xerotic to improve but so far this is working really well.

Regulus - August 24, 2019, 11:32 am

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We'll work this week to improve the feature and polish it up. We did just enough to get this on HF for Friday since Xerotic doesn't work weekends.

I'm already making a nice list of things for Xerotic to improve but so far this is working really well.
You need to get some rest lmao.

Ombra - August 24, 2019, 11:36 am

I like it. Finally HF is getting up to date. So far I love the new features being introduced.

spiral - August 24, 2019, 11:45 am

holy shit, this is a very cool feature !

Select - August 24, 2019, 12:02 pm

Good job Omniscient Thank you for your work I love your ideas and forum.

(Aug 24, 2019 11:45 AM)spiral Wrote: [\[CITE\]](#) holy Clay Davis, this is a very cool feature !
Tried messaging you did it go through?

Doctor. - August 24, 2019, 12:10 pm

Yessss!!! This is what I've been looking forward to for a long time

Nachfolger - August 24, 2019, 3:13 pm

Looks real cool. I'm sure this is known, and I'm not sure if it's a feature or a bug, but you can start a conversation with yourself.

SIM-1729678 - August 24, 2019, 3:20 pm

(Aug 24, 2019 03:13 PM)Nachfolger Wrote: [\[CITE\]](#) Looks real cool. I'm sure this is known, and I'm not sure if it's a feature or a bug, but you can start a conversation with yourself.
It's not a feature or bug! It's sad.

Omniscient - August 24, 2019, 3:23 pm

(Aug 24, 2019 03:13 PM)Nachfolger Wrote: [\[CITE\]](#) Looks real cool. I'm sure this is known, and I'm not sure if it's a feature or a bug, but you can start a conversation with yourself.
Really probably a lot of bugs right now with how it works.

tux1 - August 24, 2019, 3:43 pm

Looks really promising, looking forward to it!

BTC - August 24, 2019, 3:44 pm

did the tool tips just get updated? or I never noticed?

anyways looks a lot better! I like them

Omniscient - August 24, 2019, 3:50 pm

(Aug 24, 2019 03:44 PM)BTC Wrote: [\[CITE\]](#) did the tool tips just get updated? or I never noticed?

anyways looks a lot better! I like them
Trying out some better tooltip CSS. I'm not sure if I like them yet.

Nachfolger - August 24, 2019, 5:05 pm

(Aug 24, 2019 03:50 PM)Omniscient Wrote: [\[CITE\]](#) Trying out some better tooltip CSS. I'm not sure if I like them yet.They're great, definately have my support.

(Aug 24, 2019 03:20 PM)ScreemS Wrote: [\[CITE\]](#) It's not a feature or bug! It's sad.Beef off, I have no one else to talk to.

?Apocalypse - August 24, 2019, 5:12 pm

I've sent the chat to 4 members and no replies yet.

Gonna ask via PM if they received a notification.

Silent hill - August 24, 2019, 5:15 pm

(Aug 24, 2019 05:12 PM)?Apocalypse Wrote: [\[CITE\]](#) I've sent the chat to 4 members and no replies yet.

Gonna ask via PM if they received a notification.
try to send me.

flavoral - August 24, 2019, 5:18 pm

(Aug 24, 2019 05:12 PM)?Apocalypse Wrote: [\[CITE\]](#) I've sent the chat to 4 members and no replies yet.

Gonna ask via PM if they received a notification.
There's no notification for it right now. They need to check the convo page to see the message.

?**Apocalypse** - August 24, 2019, 5:47 pm

(Aug 24, 2019 05:18 PM)flavoral Wrote: [\[CITE\]](#) There's no notification for it right now. They need to check the convo page to see the message.
That explains it.

Omniscient - August 24, 2019, 5:56 pm

We will figure out notification this week. I'm thinking of having the icon change color. I think the Convo is going to be one of our first case-use for doing browser push notifications with web sockets.

gigajew - August 24, 2019, 5:57 pm

(Aug 24, 2019 05:56 PM)Omniscient Wrote: [\[CITE\]](#) We will figure out notification this week. I'm thinking of having the icon change color. I think the Convo is going to be one of our first case-use for doing browser push notifications with web sockets.
Great job, I think this will take off as the new PM system after you've got the notifications going.

Zeus - August 24, 2019, 6:12 pm

Maybe if we had the option to turn on notifications for the chat would be a good idea?
Edit -
Seen that you're sorting it already great!

AuroraProducts - August 24, 2019, 7:02 pm

Are read receipts going to be a thing?

Omniscient - August 24, 2019, 7:02 pm

(Aug 24, 2019 07:02 PM)AuroraProducts Wrote: [\[CITE\]](#) Are read receipts going to be a thing?
No. That's something you get with PMs. This is meant for live chat communication.

Claw - August 24, 2019, 7:35 pm

Well thats great, i'm sure when it will be completely ready it can be replaced with PM, and also chrome extension or notification when message arrive will be great, good job omni!

Prince™ - August 24, 2019, 7:35 pm

Oh wow finally a chat experience. Who thought this would be coming to HF.

SIM-2470866 - August 24, 2019, 8:21 pm

This is pretty awesome addition to HF. I'd love to see some custom HF Smilies would be fun to chat with. Other than that as always omni great new additions. This year has been freaking great, cant

wait to see more new things on HF.

Omniscient - August 24, 2019, 8:25 pm

Quote: I'd love to see some custom HF Smilies would be fun to chat with.

Just emoji support should be enough.

<https://unicode.org/emoji/charts/full-emoji-list.html>

SIM-2470866 - August 24, 2019, 8:32 pm

(Aug 24, 2019 08:25 PM)Omniscient Wrote: [\[CITE\]](#) Just emoji support should be enough.

<https://unicode.org/emoji/charts/full-emoji-list.html>

but please do add Omni emoji. That will look good imo :3

meister - August 24, 2019, 10:25 pm

I haven't been here for a long time ! I see a lot of new changes!

Omniscient - August 24, 2019, 10:53 pm

(Aug 24, 2019 10:25 PM)Chronic Wrote: [\[CITE\]](#) I haven't been here for a long time ! I see a lot of new changes!

1. Where ya been?

2. What do you think of new HF?

MavenGradle - August 25, 2019, 5:39 am

(Aug 25, 2019 05:33 AM)xadamxk Wrote: [\[CITE\]](#) By EOD do you mean end of week? ?

Regardless, pretty glad to see this. What tech did you end up choosing for this? Is it an XMPP protocol or just standard POST requests like everything else?

Open up the network tab of your browser and you'll see. I notice about 1 request per second and a half or so. Seems to be a REST api.

Very costly operation when it comes to networking.

To the programmers who made this feature, have you looked into web sockets and the pub-sub pattern?

<https://javascript.info/websocket>

<https://medium.com/@martin.sikora/node-js-websocket-simple-chat-tutorial-2def3a841b61>

https://en.wikipedia.org/wiki/Publish%E2%80%93subscribe_pattern

Edit:

Went a bit further and I noticed this in the convo code:

```
Code if(0 > 0) {
```

```
    setInterval(loadNewMessages, 1500);
```

```
}Why? Also, are you aiming for internet explorer 6 compatibility. This is not a question. Just an observation that can be deduced by looking at the technologies that are being used. None of the code is minimized as well. In case you're wondering, you can write ES10 and simply use a transpiler if you're concerned about IE6.
```

?Satanic - August 25, 2019, 7:17 am

Really nice, looks forward to apply and use it :)

Xerotic - August 25, 2019, 7:33 am

(Aug 25, 2019 05:39 AM)MavenGradle Wrote: [\[CITE\]](#) Open up the network tab of your browser and you'll see. I notice about 1 request per second and a half or so. Seems to be a REST api.

Very costly operation when it comes to networking.

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```

Because it's beta. We sockets are the next version. We just wouldn't have had a Friday beta if we didn't code it the way it currently is. This is the quick and dirty. Next week I clean it up.

AuroraProducts - August 25, 2019, 8:30 am

(Aug 24, 2019 07:35 PM)Illusion Wrote: [\[CITE\]](#) Well thats great, i'm sure when it will be completely ready it can be replaced with PM, and also chrome extension or notification when message arrive will be great, good job omni!

Most sites offer push notifications anyway, so there's no need for an extra extension to install

Omniscient - August 25, 2019, 8:36 am

Quote:To the programmers who made this feature, have you looked into web sockets and the pub-sub pattern?

I have already mentioned on the day of release that this will work with web sockets for efficiency.

<https://hackforums.net/showthread.php?tid=6001600&pid=58881233#pid58881233>

Fortunate - August 25, 2019, 8:43 am

Looks really nice so far. Will be definitely an used feature on the forum. Can't wait.

Camf ? - August 25, 2019, 10:05 am

Wow! this is pretty sweet! Great work ?

Motusora - August 25, 2019, 10:57 am

great work guys , im excited to see it now.

Punisher - August 25, 2019, 7:27 pm

Really cool feature that members have been asking for since 2008. Nice work!

A few bugs while I was trying it for a few minutes on mobile:

- You can add yourself to a convo and messages are sent twice
- If a message is too long, the message box breaks and the send button disappears

I'll mess around some more when I can access a desktop to help find any potential bugs.

Thanks

Mr. Robot - August 25, 2019, 8:37 pm

Can we change the default view to this please lmao

Also you can message people on your ignore list

Crypt - August 25, 2019, 10:20 pm

This is an awesome addition!

I don't have anyone to chat to :/ but still an awesome addition.

Tor - August 26, 2019, 12:47 am

Wow looks like a very cool feature. This community is getting better and better

Game - August 26, 2019, 5:03 am

I'm happy about the direction HF is taking. I can't wait to see how far HF has gone to in about a years time.

Quality feature guys, good job!

Kind regards,
Sabretooth. ?

Omniscient - August 26, 2019, 8:29 am

This week we should have even more updates to this feature.

flavoral - August 26, 2019, 8:49 am

(Aug 26, 2019 08:29 AM)Omniscient Wrote: [\[CITE\]](#) This week we should have even more updates to this feature.

interesting. Hopefully one of them is seeing a notification/number of unread messages on the icon like the alerts system.

Tor - August 27, 2019, 5:00 am

I can help with the frontend if you, guys need a helping hand :)

Select - August 27, 2019, 5:02 am

Someone do it on me I want to test this

Omniscient - August 27, 2019, 8:30 am

(Aug 27, 2019 05:00 AM)SRI Wrote: [\[CITE\]](#) I can help with the frontend if you, guys need a helping hand :)

That sounds like prison rape talk.

Regulus - August 27, 2019, 8:31 am

(Aug 27, 2019 08:30 AM)Omniscient Wrote: [\[CITE\]](#) That sounds like prison rape talk.
LOL I am dead ?

Tor - August 27, 2019, 9:39 am

(Aug 27, 2019 08:30 AM)Omniscient Wrote: [\[CITE\]](#) That sounds like prison rape talk.
LMAO, true true. If you need me to show you some of my previous work. I can PM. Thx for noticing my bad English. Will work on it ;)

MavenGradle - August 27, 2019, 9:45 am

Omni and/or Xerotic, will you publicly disclose the technology that was used in order to make this project? I know that it currently uses JQuery and a PHP backend, but will you guys be setting up a Node server specifically for this using asynchronous database connections or a framework like Laravel in order to manage concurrent database connections or simply INSERT INTO whenever the API is called into action?

Genuinly curious. If you'd rather not disclose this information publicly, I'm open to a PM or a simple NO as well. I promise, no sleek or backhand comments about the technologies that are used. None at all, just pure curiosity.

Omniscient - August 27, 2019, 2:24 pm

Good news update. We got a nodejs server working through our firewall and Cloudflare. We'll be working to implement the Convo as a websocket. The Node JS server will allow HF to do a few things like browser push notifications and maybe even some smart phone app stuff. :)

We're moving on up!

Banter - August 27, 2019, 3:27 pm

(Aug 27, 2019 02:24 PM)Omniscient Wrote: [\[CITE\]](#) Good news update. We got a nodejs server working through our firewall and Cloudflare. We'll be working to implement the Convo as a websocket. The Node JS server will allow HF to do a few things like browser push notifications and maybe even some smart phone app stuff. :)

We're moving on up!
dam the possibilities! ? this is exciting! ?

Xerotic - August 27, 2019, 6:15 pm

(Aug 27, 2019 05:12 PM)xadamxk Wrote: [\[CITE\]](#) Looks like the GradleMaven talked to Xerotic ?

Glad to hear though!
No actually. I've wanted HF Convo's to be NodeJS based ever since we first discussed the idea of eventually coding a chat service over a year ago. We've just finally gotten to this point and have made the decision to do it.

EDIT: And I think you mean MavenGradle ?

Omniscient - August 27, 2019, 6:50 pm

We really want to use websockets for a variety of things mainly a solid notifications system for the entire site and replace MyAlerts completely.

Super - August 27, 2019, 10:18 pm

Node.js + Websockets would be so cool!

What would you guys use to scale this on the backend? Elastic Beanstalk, App Engine, something like that?

Xerotic - August 28, 2019, 7:38 am

(Aug 27, 2019 10:18 PM)Wintermute Wrote: [\[CITE\]](#) What would you guys use to scale this on the backend? Elastic Beanstalk, App Engine, something like that?
Efficient code. HF manages its own servers at this point in time.

Super - August 28, 2019, 10:34 am

(Aug 28, 2019 07:38 AM)Xerotic Wrote: [\[CITE\]](#) Efficient code. HF manages its own servers at this point in time.

Are you guys using Docker + Kubernetes to auto scale, or are you deploying everything manually?

Omniscient - August 28, 2019, 10:53 am

(Aug 28, 2019 10:34 AM)Wintermute Wrote: [\[CITE\]](#) Are you guys using Docker + Kubernetes to auto scale, or are you deploying everything manually?

We are not going to provide exact details of implementation. It's not really your concern what's running on our backend you nosy fuck. Do you think we are assholes so you can start looking for exploits on our deployment?

FUCK YOU!

Techie - August 28, 2019, 11:20 am

Well this for sure sounds awesome. Great work guys.

SoulZeh - August 28, 2019, 11:20 am

I've just started a conversation with Xerotic has I have no friends :(but I have to say, it's fucking awesome!

Xerotic - August 28, 2019, 12:24 pm

You should receive notifications for this now. Look at the convos icon by the logout button (top right of page).

EDIT: Notifications aren't perfect yet for convos... they are a WIP.

MavenGradle - August 28, 2019, 12:39 pm

(Aug 28, 2019 10:53 AM)Omniscient Wrote: [\[CITE\]](#) We are not going to provide exact details of implementation. It's not really your concern what's running on our backend you nosy fugg. Do you think we are assholes so you can start looking for exploits on our deployment?

fugg YOU!

Asking those questions generally is out of curiosity. At least when I ask them. You wanted to attract programmers, well, here we are. We are effectively curious about the technologies that are being used in order to learn why or why not said technologies are being used.

In terms of the decision to move forward with NodeJS, I can applaud the efforts of both you and Xerotic. Node has so many things going for it, it's super easy and fun to work with and asynchronous programming is a breeze. Hence, this is why Node is gaining in popularity.

Make no mistake though, generally speaking Node performs worse than PHP does for basic things but because Node is so extensible and has a myriad of free and open source libraries available, you can literally make your own webshop and database model in no time (hell, why not even a MongoDB for large data collection). That's the advantage of using Node. Better productivity, guaranteed a better paying job and less development cost in exchange for some performance losses. Not to mention that Node is here to stay.

In theory, building a forum like MyBB is so much simpler now when using technologies like Spring Boot, JPA, NodeJS and ReactJS:

<https://github.com/proshoumma/ReForum> (about 6000 lines of code)

I'm just saying that with the right API and backend, you can truly build wonders. Thank you for disclosing that you'll be using Node though, that's kind of you. And honestly whether it'd be PHP, Node, Spring Boot,... exploits exist for all of them ?

Edit:

I think Xerotic deserves some fun as well, Node is the perfect environment to have fun while developing. I hope you'll like the time you spend on this project because it genuinely seems like a fun thing to make. Before you know it you guys will be running your own server park and CI machines to deliver builds automatically as soon as a developer commits to a release branch (gitflow) ? . Jenkins all the way!

Diabolic - August 28, 2019, 3:25 pm

That is pretty cold. Awesome feature.

Omniscient - August 28, 2019, 4:15 pm

Quote:Asking those questions generally is out of curiosity.

And generally our security is tested on a regular basis and I'm very guarded when it comes to prying about what technologies we deploy. 0days exist and can be used against the community.

Realistically using NodeJS has both advantages and disadvantages. We are a PHP based website and merging websockets is not going to be simple.

Quote:it's super easy and fun to work with and asynchronous programming is a breeze.

Less simple really when you're maintaining our high security standards and interacting with PHP/MYSQL.

Quote:Make no mistake though, generally speaking Node performs worse than PHP does for basic things

Correct. So we're mindful of that. Some things make sense to move to websockets but there is still a LOT of concern for security and also resources.

Big issue is that HF is MyBB and all sessions are PHP/MYSQL. We have to ensure that everything talks correctly with each other and we don't open ourselves up to security exploits. I'm almost sure we'll make a mistake and I just hope it's not devastating.

I'm not a fan of disclosing too much information about our backend technologies.

Quote:I'd put money on everything is manual.

We tend to build as much as possible for our needs. The less dependencies we have on libs the better imho. Custom designed strictly for HF needs is the goal.

MavenGradle - August 28, 2019, 4:21 pm

Completely understand your views on opening up security risks. They happen all the time and are quite common when using external libraries. I get about 2 to 3 security notifications on GitHub each

day thanks to some external lib in a company project that has some kind of high severity flaw in it. They are fixed as soon as they are detected though. That is one of the advantages of using GitHub for business (it's automatic vulnerability detection). More on this feature here:

<https://help.github.com/en/articles/about-security-alerts-for-vulnerable-dependencies>

You will probably also be interested in SonarQube. It has an entirely free variant that is really an amazing tool to use in an environment like this:

<https://www.sonarqube.org/>

<https://www.sonarqube.org/features/security/>

It's a bit of a setup of course but in the end it's totally worth it.

Would you perhaps be interested in a bug bounty of sorts? I'm sure a lot of talented people here would be interested in earning an award of some kind or perhaps a lifetime of ub3r award if a security flaw can be found in the new infrastructure and reported to you in a correct manner?

Super - August 28, 2019, 5:26 pm

(Aug 28, 2019 10:53 AM)Omniscient Wrote: [\[CITE\]](#) We are not going to provide exact details of implementation. It's not really your concern what's running on our backend you nosy fugg. Do you think we are assholes so you can start looking for exploits on our deployment?

fugg YOU!

I'm a full-stack developer for my work. I'm just interested in how you scale such a massive site.

I don't care that much.

Dragosthethird - August 28, 2019, 5:27 pm

(Aug 28, 2019 04:21 PM)MavenGradle Wrote: [\[CITE\]](#) Would you perhaps be interested in a bug bounty of sorts? I'm sure a lot of talented people here would be interested in earning an award of some kind or perhaps a lifetime of ub3r award if a security flaw can be found in the new infrastructure and reported to you in a correct manner?Would just like to point out that there is already a bug bounty in place for HF.

<https://hackforums.net/showthread.php?tid=5259373>

Omniscient - August 28, 2019, 7:57 pm

Quote:That is one of the advantages of using GitHub for business (it's automatic vulnerability detection). More on this feature here:

Things like that are handy if indeed you are using a lot of libs from Github but again, that assumes it's reported and not a 0day.

I'll look into SonarQube.

Right now it's just Xerotic and myself that touch any HF code. We're not perfect but we do keep to some good standards and I do my best to review his code personally. So far so good.

Quote:Would you perhaps be interested in a bug bounty of sorts?

I already have one for \$1000 that's open. And I have paid out lower amounts too for certain exploits.

<https://hackforums.net/showthread.php?tid=5259373>

Quote:I'm a full-stack developer for my work. I'm just interested in how you scale such a massive site.

Big expensive server with a buttload of resources. Current average CPU usage is about 5% and the MySQL (MariaDB) instance has a lot RAM dedicated to it. HF can easily handle 10 times our current load. I used to run separate servers for the HTTP and the MySQL but I decided to just rent one big dedicated and it does a lot better. Every few years I have to change servers usually because I can rent a better dedicated for the same price and I like having all the resources handy.