

Forum:[Hack Forums](#)

Thread: [HF API Documentation](#)

SIM-2015410 - April 21, 2017, 7:30 pm

Hack Forums API Documentation

Today we celebrate the 10th Anniversary of Hack Forums! As has been rumoured about in the past few weeks, in honour of 10 years of HF, we now have an API! The features are currently only available to UB3R members, while R3KT members will often be given early access to new features for beta testing.

The API has been currently READ ONLY, to ensure everything is working correctly. More active abilities such as posting replies to threads and replying to PMs will be added with time.

The current features are:

- User info (GET /user/:id)
- Multiple users info (GET /users/:ids)
- Forum navigation (GET /category/:id)
- Forum info (GET /forum/:id)
- Thread info (GET /thread/:id)
- Post info (GET /post/:id)
- Private message info (GET /pm/:id)
- List of PMs in inbox and other pm boxes (GET /pmbox/:id or GET /inbox)
- Group info (GET /group/:id)

Every request must be accompanied by your personal API KEY, which is entered in the username field of the HTTP Basic authentication header.

The version number of the API can be obtained with the following call:
<https://hackforums.net/api/v1/?version>

Getting your API key
First things first, you need to generate an API key to use the API. R3kt members can do this by visiting this page here:

[API Key Page](#)

Your API key will be a random 32 character string of numbers and letters, and is case sensitive. You can view it any time on the key page so you don't need to write it down or back it up. But it is important that you DON'T SHARE YOUR KEY WITH ANYONE. Anyone with your key will be able to read your PMs, and eventually reply and post as you on the forum.

You can also delete your key on this page (do this immediately if you accidentally share your key with someone, etc.) and then generate a new key. Goes without saying, but keys are still logged and doing this will not bypass the hourly call limit, so abusing the key generation feature (e.g. for vanity keys or something similar) will result in a ban.

Finally, using this page you can lock your key to the specific IP address it was created with. In v2 we may allow ranges of IPs to be whitelisted but this is currently unavailable. This is for use with, for example, a static IP server you are using to read data from the API, for security purposes. Once

locked, the only way to unlock the key is to delete it and create a new one.

The apikey page also displays a QR code of your key for easy use with mobile apps.

If you are a developer and wish to apply for a developer key (including 3x higher rate limits), please apply directly to Omni.

AuthenticationIf you visit an API URI in your browser, you will be prompted to authenticate as in this screenshot (this is with chrome, other browsers are similar):

Spoiler ([Click to View](#))

Copy your API key into the username field of the prompt, leaving the password field blank, and click Log In.

Your browser will cache your key for a while so you won't be prompted every single call.

When using the API in code, use the following header:

Authorization: Basic XXXXXX

Replace XXXXXX with base64 encoded username:password

Username is the key, password is empty

(Jul 6, 2017 05:06 AM)xadamxk Wrote: [\[CITE\]](#) JQuery has a fancy little call for passing the params that I never knew about xD

```
Code $.ajax({
    type: "GET",
    url: "https://" + siteAPI + "/api/v1/user/" + sender,
    dataType: 'json',
    async: false,
    username: apikey,
    password: "",
    success: function (data){
        // Username of sender
        senderUsername = data.result.username;
    }
});
```

The OutputBefore we get into the details below, this section is just a brief overview of what the results from API calls look like, just for those of you who have never used JSON or an API like this before. An example result will be:

```
Code {"success":true,
    "message":"",
    "result":{"key":"value",
        "something":0,
    }
}
```

This output is called JSON, which stands for JavaScript Object Notation, but basically you can just know that each piece of data has a name and then a value. In the example above we see that "success" has the value true, which means the request succeeded. Then we see there is no message (empty quotes), message is used when success is false to say what went wrong. Then finally "result" contains the actual info, again separated into keys (names) and values. In a specific case, the name might be "username" and the value might be "MeshCollider". Your code can read this data in, most languages have some sort of library for parsing JSON data.

Messages are mostly self-explanatory, for example you might get INVALID_PID which means the post ID you entered was invalid (if the post doesn't exist/you don't have permission to see it), MAX_HOURLY_CALLS_EXCEEDED which means you have made too many API calls in the last

hour and need to chill out a bit, INVALID_API_KEY which means you copied your key wrong or forgot it completely, and UNIMPLEMENTED_API_METHOD which means the API couldn't understand what you were asking it to do, you probably spelt the method wrong.

User Profiles (/user/:id) This API method provides all the basic info about a user, such as username, number of posts, groups, avatar url, usertitle, online time, registration date, last online time, and reputation.

A request would look like this:

Code <https://hackforums.net/api/v1/user/2015410>

This will return the info for the user with UID=2015410, i.e. ME!

Call Example ([Click to View](#)) PHP Code

```
<?php
{
success: true,
message: "",
result: {
    username: "MeshCollider",
    postnum: 6544,
    avatar: "./uploads/avatars/avatar_2015410.png?dateline=1490393676",
    avatartype: "upload",
    usergroup: 28,
    additionalgroups: [
        55,
        36,
        39,
        42,
        62
    ],
    usertitle: "Transcendent",
    timeonline: 8310653,
    regdate: 1382072872,
    lastactive: 1499296240,
    reputation: 692
}
}
```

Forum Navigation (/category/:id) This API method allows you to get basic forum info such as name and description for displaying in a manner similar to index.php does. When given a forum id, it will give this info along with the basic info of all direct child forums as well.

A list of top level forums is obtained with /category/0 or just /category (equivalent).

A request would look like this:

Code <https://hackforums.net/api/v1/category/1>

This will return the info for the forum with ID 1, which is Hack Forums Official Information category, containing the RANF subforum.

Call Example ([Click to View](#)) PHP Code

```
<?php
{
```

```

success: true,
message: "",
result: {
  name: "Hack Forums Official Information",
  description: "",
  type: "c",
  parent: 0,
  ficon: "shim.gif",
  children: [
    {
      fid: 2,
      name: "Rules, Announcements, News, and Feedback",
      description:
        "This is where site rules and important announcements about the site are made. Please read carefully before you join. Also you can leave us feedback or ask site questions here.",
      type: "f",
      ficon: "rules-news-announcements.png"
    }
  ]
}
}
}

```

Post (/post/:id) This API method grabs a specific post from the forum (as long as you have permission to view the thread it is in and as long as the post isn't junked). All you need to provide is the post ID, and it will give you the thread ID it is in, the parent post ID (OP), the forum ID the thread is in, the subject of the post (Usually "RE: thread title"), the user ID of the poster, the unix timestamp of when it was posted and edited (and by whom it was edited), and of course, the message in the post itself.

A request would look like this:

Code <https://hackforums.net/api/v1/post/55230422>

Call Example ([Click to View](#)) PHP Code

```

<?php
{
success: true,
message: "",
result: {
  tid: 5470739,
  parent: 53175820,
  fid: 162,
  subject: "*",
  uid: 3077324,
  dateline: 1498792772,
  message: "<span style='font-weight: bold;'"><span style='color:
#00e4ff;">Briefly describe the event: </span></span> <a href="https://hackforums.net/member.php?
action=profile&uid=63387" target="_blank"><span style='color: #000000;"><span style='font-weight:
bold;">BLACK SHADOW</span></span></a> GOT CLOSEDD <span style='font-weight: bold;"><
span style='color: #00e4ff;">Any important links: </span></span> <a href="https://hackforums.net/m
ember.php?action=profile&uid=63387" target="_blank">https://hackforums.net/member.php?action..
.&uid=63387</a>",
  edituid: 0,

```

```
    edittime: 0
}
}
```

This will return the info for the post with ID 55230422.

You will notice that by default, the MyCode in the post you request will be parsed into HTML by the API. You can turn this off if you would prefer to get the MyCode directly, by adding ?raw to the end of your request:

Code <https://hackforums.net/api/v1/post/55230422?raw>

Call Example [\(Click to View\)](#) PHP Code

```
<?php
{
    success: true,
    message: "",
    result: {
        tid: 5470739,
        parent: 53175820,
        fid: 162,
        subject: "*",
        uid: 3077324,
        dateline: 1498792772,
        message:
"[b][color=#00e4ff]Briefly describe the event: [/color][b] [url=https://hackforums.net/member.php?action=profile&uid=63387][color=#000000][b]BLACK SHADOW[/b][b][color=#[color=#00e4ff]Any important links: [/color][b] https://hackforums.net/member.php?action=profile&uid=63387",
        edituid: 0,
        edittime: 0
    }
}
```

Thread (/thread/:id) This method lets you get some info about a specific thread. All you need is the thread ID. You will get the thread subject, poster, forum ID, whether it is closed or not, the number of replies, the date it was posted, the ID of the first post, and a comma separated list of post IDs that are the replies. You will also get the message content and info about each of the posts in that thread. Each request will give you 1 page of replies (10 post IDs), so you have to include a page parameter to choose which page of replies you get.

Again, the raw parameter can be included, as well as a page parameter for the next 10 posts:

Code <https://hackforums.net/api/v1/thread/5494141?raw&page=3>

If you get an INVALID_TID message, it could be because the thread doesn't exist or because it is in a forum you aren't allowed to access.

Call Example [\(Click to View\)](#) PHP Code

```
<?php
{
    success: true,
    message: "",
```

```

result: {
  subject: "I need YOU to reply to this thread.",
  user: 2504443,
  fid: 336,
  closed: true,
  numreplies: 42,
  dateline: 1481774674,
  firstpost: 53444715,
  postdata: [
    {
      pid: 53461817,
      parent: 53444750,
      subject: "*",
      uid: 1356224,
      dateline: 1481914288,
      message:
        "[quote='BR?ND?N' pid='53444750' dateline='1481774953'] We're working to change that, lad. The reason it is dead is because HF stopped caring. If HF began to care again, and we all put effort in, it will come back. [/quote] You joined this year..",
      edituid: 0,
      edittime: 0
    },
    {
      pid: 53462608,
      parent: 53446829,
      subject: "*",
      uid: 2033319,
      dateline: 1481919041,
      message:
        "[quote='TheChi?f' pid='53446829' dateline='1481795656'] Your signature describes your state of mind when you made this post. [/quote] Is it bad that I had to go look at my signature",
      edituid: 0,
      edittime: 0
    },
    {
      pid: 53465259,
      parent: 53444715,
      subject: "*",
      uid: 2504443,
      dateline: 1481935497,
      message: "5 pages.. nice. That'll do it, thank you!",
      edituid: 0,
      edittime: 0
    }
  ]
}

```

Forum (/forum/:id) This method grabs the info about a specific forum, provided by the fid parameter, and includes the name, description parent forum ID, a list of thread IDs in the forum (as well as an array of thread details for each thread), and the type of the forum ("c" for category, "f" for forum, e.g.

[Hack Forums Official Information](#) is a category but [Rules, Announcements, News and Feedback](#) is a forum).

The page parameter is used in the same way as for the TID call, there are 20 thread IDs per page in a forum.

Sample call:

Code <https://hackforums.net/api/v1/forum/375>

Call Example ([Click to View](#))PHP Code

```
<?php
{
success: true,
message: "",
result: {
    name: "HF API",
    description: "This is for development and coding of apps and software that utilize the HF API.",
    type: "f",
    parent: 151,
    threaddata: [
        {
            tid: 5662721,
            sticky: true,
            subject: "HF API v1 Beta",
            user: 1,
            closed: false,
            numreplies: 23,
            dateline: 1499281975,
            lastpost: 1499295855
        },
        {
            tid: 5627415,
            sticky: false,
            subject: "HF PM Notifications | First HF APP | Android",
            user: 1999047,
            closed: false,
            numreplies: 41,
            dateline: 1495302484,
            lastpost: 1499281417
        },
        ... snip ....
        {
            tid: 5611829,
            sticky: false,
            subject: "Client Keys",
            user: 63823,
            closed: true,
            numreplies: 11,
            dateline: 1493561691,
            lastpost: 1493609100
        }
    ]
}
```

```
}  
}
```

Private Message (/pm/:id)The private message ID (pmid) is required for this call, and you will get the sender, recipient, subject, message content, date and folder of the PM back.

Sample call:

Code <https://hackforums.net/api/v1/pm/78288591>

Reading a PM using the API is the same as via the website, and will show as "read" in a users PM tracking.

Call Example ([Click to View](#))PHP Code

```
<?php  
{  
  success: true,  
  message: "",  
  result: {  
    to: 2015410,  
    from: 1,  
    subject: "Re: API",  
    message: "[quote='MeshCollider']-snip-[/quote] Hit me up asap.",  
    dateline: 1499280513,  
    folder: 1  
  }  
}
```

Private Message Inbox (/pmbox/:id or /inbox)This request simply requires you to set inbox in the request, and include a page parameter just like the thread and forum IDs. There are 20 PMs per page of the inbox.

The results of this call are slightly different to the earlier results. In this case, you will get a list of PM IDs of the PMs in your inbox, but you will also get some basic info about each PM in this list, namely the subject, sender, read status and date, to allow you to see which PMs have are read/unread without having to open them.

Sample call:

Code <https://hackforums.net/api/v1/pmbox/1>

Call Example ([Click to View](#))PHP Code

```
<?php  
{  
  success: true,  
  message: "",  
  result: [  
    {  
      pmid: 78288591,  
      subject: "Re: API",  
      sender: 1,  
      recipient: 2015410,
```

```

        status: 3,
        dateline: 1499280513
    },
    {
        pmid: 78287171,
        subject: "HF API",
        sender: 1660622,
        recipient: 2015410,
        status: 1,
        dateline: 1499274164
    },
    ... snip ...

```

```

    {
        pmid: 78194714,
        subject: "Mesh",
        sender: 458073,
        recipient: 2015410,
        status: 3,
        dateline: 1498686176
    }
]
}

```

Group (/group/:id) Pass this the Group ID of the group you want, and it will return the name, description, type of group (1 = core mybb group like admins and staff, 2 = ub3r/l33t/3p1c/writ3rs/etc, 4 = usergroups like Red Lions, Equilibrium, etc.), userbar, and UIDs of the group leaders.

Sample call:

Code <https://hackforums.net/api/v1/group/36>

Call Example ([Click to View](#)) PHP Code

```

<?php
{
success: true,
message: "",
result: {
    name: "Red Lions",
    type: 4,
    description: "This is nokia2mon2's special group that he controls.",
    userbar: "{theme}/groupimages/{lang}/red-lion.jpg",
    owner: 80618,
    leaders: [
        370510
    ]
}
}
}

```

Multiple Users Info (/users/:ids) This method is used for grabbing multiple users' data at once, and

takes up to 20 user IDs, listing the info for each user provided. This is designed to be used with thread displaying, to get usernames, avatars, etc. for display.

Sample call:

Code <https://hackforums.net/api/v1/users/1,2015410>

Call Example ([Click to View](#)) PHP Code

```
<?php
{
uids: [
{
    uid: 1,
    success: true,
    message: "",
    result: {
        username: "Omniscient",
        postnum: 38443,
        avatar: "./uploads/avatars/avatar_1.gif?dateline=1489528978",
        avatartype: "upload",
        usergroup: 4,
        additionalgroups: [
            0
        ],
        usertitle: "All-Time HQ Leader",
        timeonline: 55788439,
        regdate: 1177194113,
        lastactive: 1499298655,
        reputation: 406
    }
},
{
    uid: 2015410,
    success: true,
    message: "",
    result: {
        username: "MeshCollider",
        postnum: 6544,
        avatar: "./uploads/avatars/avatar_2015410.png?dateline=1490393676",
        avatartype: "upload",
        usergroup: 28,
        additionalgroups: [
            55,
            36,
            39,
            42,
            62
        ],
        usertitle: "Transcendent",
        timeonline: 8313231,
        regdate: 1382072872,
        lastactive: 1499298818,
        reputation: 692
    }
}
}
```

```
]
}
```

Changelog v1.1 Key length increased to 32 characters

Correct datatypes are now used for various output, for example integers for IDs and booleans for thread closed status

QR codes of the keys are now shown on `apikey.php`

Keys can now be deleted via `apikey.php`

Keys can now be locked to the specific IP address they were created by via `apikey.php`

Keys are now passed using HTTP Basic Auth in the username field rather than as a get url parameter

Formatting of the `UIDs` method has changed to an array of objects instead of indexed by `UIDs` (as requested by the member `QoL`)

Various bug fixes (for example fixing the output of group leader IDs on the `gid` method)

Use the more common RESTful format of URIs, with versioning

Rate limits increased to 240 / hour

Opened access to `Ub3r`

Changelog 13 July 17: `/user` endpoint defaults to owner of key if no uid is supplied

Unix timestamps have been replaced by ISO formatted date strings where applicable

Number of threads in forum is added to `/forum` method for pagination

Added usernames to some more calls

Added display group to `user` method

Added better failure message for `/users` method if some don't exist but some do.

Added new header with number of calls remaining

Prevented redirect forums from being accessed normally

Small bugfixes

Changelog v1.2 Added RAW / html output for private messages same as posts

Added an optional `?include=header` parameter to all calls which allows you to get the current number of unread PMs at the same time (example: `/api/v1/user/1?include=header`)

Added usernames to all remaining methods which return `UIDs`

Added count of PMs and PMbox name to the `/pmbox` method **BREAKING**

Added a `/user/:id/threads` method and `/user/:id/posts` method to get user threads and posts respectively

Added a `/groups` method which returns all groups, or `/groups/:ids` which takes a CSV list of group IDs

Added thread prefixes to thread and forum method

Added an `/avatar/:uid` method which returns base64 encoded avatar of user, if uploaded to HF (or in HFs image gallery). Group userbars and ficons are coming soon.

The API was coded by MeshCollider with the invaluable assistance of [Zach](#) and the wise feedback of [Omni](#)

Credit to [iHydra](#) for the logo

QoL?? - July 9, 2017, 12:28 pm

What is the max hourly call limit? I thought it was 100, but I can't remember where I saw that.

Also, is it a rolling hour, or does it reset on the hour?

Edit: I found in one of Omni's posts that it's 100 calls/hour. I would still like to know whether that's a rolling hour or a reset on the hour.

Katarina Du Couteau - July 9, 2017, 12:29 pm

I wish I were a R3KT so I could use the features D:

QoL?? - July 9, 2017, 12:30 pm

(Jul 9, 2017 12:29 PM)Katarina Du Couteau Wrote: [\[CITE\]](#) I wish I were a R3KT so I could use the features D:

FYI, Ub3rs no have access to this since yesterday.

Aerith - July 9, 2017, 12:30 pm

(Jul 9, 2017 12:29 PM)Katarina Du Couteau Wrote: [\[CITE\]](#) I wish I were a R3KT so I could use the features D:

HF API is available for ub3r members. Omniscient released this yesterday.

Katarina Du Couteau - July 9, 2017, 12:34 pm

(Jul 9, 2017 12:30 PM)QoL?? Wrote: [\[CITE\]](#) FYI, Ub3rs no have access to this since yesterday.

(Jul 9, 2017 12:30 PM)Aerith Wrote: [\[CITE\]](#) HF API is available for ub3r members. Omniscient released this yesterday.

Oooh nice, so when are the first apps coming out?

QoL?? - July 9, 2017, 12:36 pm

(Jul 9, 2017 12:34 PM)Katarina Du Couteau Wrote: [\[CITE\]](#) Oooh nice, so when are the first apps coming out?

I believe Vitani released an app for PM notifications. It just queries your inbox every x minutes and notifies you. I can't remember if he updated it to work with the new API format though.

I'm working on a fully fledged application and that should be out soon. It is a lot of work.

SIM-2223238 - July 9, 2017, 12:39 pm

Ah, was waiting for the documentation. Thanks!

Khamul - July 9, 2017, 1:52 pm

(Jul 9, 2017 12:36 PM)QoL?? Wrote: [\[CITE\]](#) I'm working on a fully fledged application and that should be out soon. It is a lot of work.

Yeah. In fairness though we can't really make great apps until write access has been released and the call limit has been increased. Having said that I am working on (I'm sure others are too) the backend so that once these features are in place it won't take much effort to make use of them.

QoL?? - July 9, 2017, 1:56 pm

(Jul 9, 2017 01:52 PM)NAZGUL Wrote: [\[CITE\]](#) Yeah. In fairness though we can't really make great apps until write access has been released and the call limit has been increased. Having said that I am working on (I'm sure others are too) the backend so that once these features are in place it won't take much effort to make use of them.

I agree. Once I finish all of the features that have currently been released, I'm basically going to have to just sit on my hands and wait for write functionality.

sdk - July 9, 2017, 2:00 pm

(Jul 9, 2017 01:52 PM)NAZGUL Wrote: [\[CITE\]](#) Yeah. In fairness though we can't really make great apps until write access has been released and the call limit has been increased. Having said that I am working on (I'm sure others are too) the backend so that once these features are in place it won't take much effort to make use of them.

What is the current rate limit? Cache bb

(Jul 9, 2017 01:56 PM)QoL?? Wrote: [\[CITE\]](#) I agree. Once I finish all of the features that have

currently been released, I'm basically going to have to just sit on my hands and wait for write functionality.

I have to sit on my hands till I get the 30\$ for uber lol

QoL?? - July 9, 2017, 2:03 pm

(Jul 9, 2017 02:00 PM) sdk? Wrote: [\[CITE\]](#) What is the current rate limit? Cache bb

I found in one of Omni's posts that it's 100 calls/hour. I would still like to know whether that's a rolling hour or a reset on the hour.

sdk - July 9, 2017, 2:10 pm

(Jul 9, 2017 02:03 PM) QoL?? Wrote: [\[CITE\]](#) I found in one of Omni's posts that it's 100 calls/hour. I would still like to know whether that's a rolling hour or a reset on the hour.

Most likely rolling from when your first call is, that's a little low but not totally unheard of, caching will be the key I guess, im just making a design till I can get Uber

QoL?? - July 9, 2017, 2:15 pm

(Jul 9, 2017 02:10 PM) sdk? Wrote: [\[CITE\]](#) Most likely rolling from when your first call is, that's a little low but not totally unheard of, caching will be the key I guess, im just making a design till I can get Uber

This is what I assume it would be. I have gotten a limit reached error and tried again before the hour changes and did successfully get a response, so this is probably it.

Omniscient - July 9, 2017, 2:28 pm

Quote:. I would still like to know whether that's a rolling hour or a reset on the hour.

Should be a rolling hour. And it's max of 240 right now which is one call every 15 seconds.

If you're a developer and wish to get a Dev token please LMK. Dev tokens allow for 720 which is one every 5 seconds.

Quote: I'm basically going to have to just sit on my hands and wait for write functionality.

Not necessarily. We can give you examples of working queries and output. Might even be a good thing for all devs to have some beta testing functions. I'll speak to Mesh about it.

QoL?? - July 9, 2017, 2:43 pm

(Jul 9, 2017 02:28 PM) Omniscient Wrote: [\[CITE\]](#) Should be a rolling hour. And it's max of 240 right now which is one call every 15 seconds.

If you're a developer and wish to get a Dev token please LMK. Dev tokens allow for 720 which is one every 5 seconds.

I would like a dev token. I'll send you a PM.

(Jul 9, 2017 02:28 PM) Omniscient Wrote: [\[CITE\]](#) Not necessarily. We can give you examples of working queries and output. Might even be a good thing for all devs to have some beta testing functions. I'll speak to Mesh about it.

That would be great. Will you post about it if you do?

??e rando? d??c? g?y - July 9, 2017, 3:05 pm

The following call dont give a sucess bool or message result like this

PHP Code

```
<?php
```

```
public 'success' => boolean true
```

```
public 'message' => string " (length=0)
```

Multiple Users Info (/users/:ids)

But the output is correct, Only missing the success bool.

QoL?? - July 9, 2017, 3:09 pm

(Jul 9, 2017 03:05 PM)??e rando? d??c? g?y Wrote: [\[CITE\]](#) The following call dont give a sucess bool or message result like this

PHP Code

```
<?php
```

```
public 'success' => boolean true
```

```
public 'message' => string " (length=0)
```

Multiple Users Info (/users/:ids)

But the output is correct, Only missing the success bool.

What is the URL you used?

I used: <https://hackforums.net/api/v1/users/1,2015410>

And it returned:

Spoiler ([Click to View](#))

Code

```
{"uids":[{"uid":1,"success":true,"message":"","result":{"username":"Omniscient","postnum":38506,"avatar":"\Vuploads\avatars\avatar_1.gif?dateline=1489528978","avatartype":"upload","usergroup":4,"additionalgroups":[0],"usertitle":"All-Time HQ Leader","timeonline":55835451,"regdate":1177194113,"lastactive":1499637546,"reputation":406}},{"uid":2015410,"success":true,"message":"","result":{"username":"MeshCollider","postnum":6563,"avatar":"\Vuploads\avatars\avatar_2015410.png?dateline=1490393676","avatartype":"upload","usergroup":28,"additionalgroups":[55,36,39,42,62],"usertitle":"Transcendent","timeonline":8338956,"regdate":1382072872,"lastactive":1499638082,"reputation":693}}]}
```

??e rando? d??c? g?y - July 9, 2017, 3:20 pm

(Jul 9, 2017 03:09 PM)QoL?? Wrote: [\[CITE\]](#) What is the URL you used?

I used: <https://hackforums.net/api/v1/users/1,2015410>

And it returned:

Spoiler ([Click to View](#))

Code

```
{"uids":[{"uid":1,"success":true,"message":"","result":{"username":"Omniscient","postnum":38506,"avatar":"\Vuploads\avatars\avatar_1.gif?dateline=1489528978","avatartype":"upload","usergroup":4,"additionalgroups":[0],"usertitle":"All-Time HQ Leader","timeonline":55835451,"regdate":1177194113,"lastactive":1499637546,"reputation":406}},{"uid":2015410,"success":true,"message":"","result":{"username":"MeshCollider","postnum":6563,"avatar":"\Vuploads\avatars\avatar_2015410.png?dateline=1490393676","avatartype":"upload","usergroup":28,"additionalgroups":[55,36,39,42,62],"usertitle":"Transcendent","timeonline":8338956,"regdate":1382072872,"lastactive":1499638082,"reputation":693}}]}
```

Yeah you are right, The only problem is the location of the bool, Those 2 results (success and message) should be outside the uids array instead of inside.

QoL?? - July 9, 2017, 3:26 pm

(Jul 9, 2017 03:20 PM)??e rando? d??c? g?y Wrote: [\[CITE\]](#)

Yeah you are right, The only problem is the location of the bool, Those 2 results (success and message) should be outside the uids array instead of inside.

Yeah, I noticed that too. I think when he modified the UIDS request awhile ago, maybe he forgot that. I've tries giving it an invalid UID to test if that returns false, but it just doesn't give a result

SIM-2015410 - July 9, 2017, 3:33 pm

(Jul 9, 2017 03:26 PM)QoL?? Wrote: [\[CITE\]](#) Yeah, I noticed that too. I think when he modified the UIDS request awhile ago, maybe he forgot that. I've tries giving it an invalid UID to test if that returns false, but it just doesn't give a result

How would you prefer it done? Top level bool which fails if ANY child fails? Or leave it as currently is? Perhaps add a top level success which is true just for consistency?

QoL?? - July 9, 2017, 3:37 pm

(Jul 9, 2017 03:33 PM)MeshCollider Wrote: [\[CITE\]](#) How would you prefer it done? Top level bool which fails if ANY child fails? Or leave it as currently is? Perhaps add a top level success which is true just for consistency?

Well, what currently happens if a child fails? I tried a UID that wasn't proper with some that worked and it just returned the JSON for the other ones that were proper and didn't return anything about the ones that didn't work. It seems like you should return a top level bool for consistency the way it is unless you change it to return false for invalid UID.

??e rando? d??c? g?y - July 9, 2017, 3:42 pm

(Jul 9, 2017 03:33 PM)MeshCollider Wrote: [\[CITE\]](#) How would you prefer it done? Top level bool which fails if ANY child fails? Or leave it as currently is? Perhaps add a top level success which is true just for consistency?

What you could do is, If the request fails you can make the message tell you what went wrong, Or if a user doesn't exist and just don't do a bool for every child.

(Jul 9, 2017 03:37 PM)QoL?? Wrote: [\[CITE\]](#) It seems like you should return a top level bool for consistency the way it is unless you change it to return false for invalid UID.

This, consistency is key

_wind - July 9, 2017, 6:02 pm

This is all looking pretty good. Can't wait for v2 to be released!

Eagle 95 - July 10, 2017, 4:09 am

A lot of work you've put into this. Keep doing what you're doing mate!

Lucifer Morningstar - July 10, 2017, 8:43 am

@[MeshCollider](#) and @[Omniscient](#) would it be possible to disable cloudflare on the API?

Found out that if I don't send the cloudflare and user-agent cookies, cloudflare decides to "Site challenge" me.

I grab cookies and headers on the fly but other users might struggle to mimick a real request. ?

??e rando? d??c? g?y - July 10, 2017, 12:43 pm

Maby it would be nice if the /pmbbox/ could also return the sender's name, Because right now if you want to get the name of the user, You need to make 2 API calls instead of 1.

QoL?? - July 10, 2017, 12:43 pm

(Jul 10, 2017 12:43 PM)??e rando? d??c? g?y Wrote: [\[CITE\]](#) Maby it would be nice if the /pmbbox/ could also return the sender's name, Because right now if you want to get the name of the user, You

need to make 2 API calls instead of 1.

This has pretty much been denied. I would like to see it as well, but I'm not sure if that's going to happen.

??e rando? d??c? g?y - July 10, 2017, 12:46 pm

(Jul 10, 2017 12:43 PM)QoL?? Wrote: [\[CITE\]](#) This has pretty much been denied. I would like to see it as well, but I'm not sure if that's going to happen.

Mind to share where someone said that? Because it would save lots of bandwidth by supplying the name (Would save 1 extra API call to /users/)

Lucifer Morningstar - July 10, 2017, 12:47 pm

(Jul 10, 2017 12:16 PM)xadamxk Wrote: [\[CITE\]](#) Omni said previously this wouldn't happen.

Tried doing it without the cloudflare cookies and I still get blocked no matter what. Even tried setting basic user agents from useragentstring.com which was suggested in [HF API v1](#).

Does anyone have an example of them successfully requesting data via C# without the use of cloudflare cookies?

I have to login everytime I recompile my binary in order to get CF cookies :/

??e rando? d??c? g?y - July 10, 2017, 12:50 pm

(Jul 10, 2017 12:47 PM)Lucifer Morningstar Wrote: [\[CITE\]](#) Tried doing it without the cloudflare cookies and I still get blocked no matter what. Even tried setting basic user agents from useragentstring.com which was suggested in [HF API v1](#).

Does anyone have an example of them successfully requesting data via C# without the use of cloudflare cookies?

I have to login everytime I recompile my binary in order to get CF cookies :/

You could take a look at this <https://github.com/elcattivo/CloudFlareUtilities>

??e rando? d??c? g?y - July 10, 2017, 12:51 pm

(Jul 10, 2017 12:50 PM)xadamxk Wrote: [\[CITE\]](#) I asked Omni when the API was initially released. He plans on keeping that as it is.

Doesn't really matter, making 2 API calls it is. (Only downside is, That if you have like a PM bot you can only do half of the requests per hour.)

QoL?? - July 10, 2017, 1:03 pm

(Jul 10, 2017 12:51 PM)??e rando? d??c? g?y Wrote: [\[CITE\]](#) Doesn't really matter, making 2 API calls it is. (Only downside is, That if you have like a PM bot you can only do half of the requests per hour.)

Cache the UID->Username mappings for a time period. That way, having a 30 message conversation only costs 31 calls, which is just 1 more than usual for the initial UID call.

Omniscient - July 10, 2017, 1:17 pm

(Jul 10, 2017 12:47 PM)Lucifer Morningstar Wrote: [\[CITE\]](#) Tried doing it without the cloudflare cookies and I still get blocked no matter what. Even tried setting basic user agents from useragentstring.com which was suggested in [HF API v1](#).

Does anyone have an example of them successfully requesting data via C# without the use of cloudflare cookies?

I have to login everytime I recompile my binary in order to get CF cookies :/

I can check the traffic logs at Cloudflare but I need the IP being blocked.

For security reasons I cannot just disable Cloudflare and other security. For that question to even

be asked is completely fucking enraging. You must be fucking STUPID if you think I'm going to have zero security on a fucking API! Are you out of your fucking mind?

Lucifer Morningstar - July 10, 2017, 2:15 pm

(Jul 10, 2017 01:17 PM)Omniscient Wrote: [\[CITE\]](#) For security reasons I cannot just disable Cloudflare and other security. For that question to even be asked is completely fucking enraging. You must be fucking STUPID if you think I'm going to have zero security on a fucking API! Are you out of your fucking mind?

Yeah I must of have confused it with something else then(Thought you were going to make custom security just for the API?)

IP used to check the API: 104.23.136.19 (It's not mine :)) on Monday, 10 Jul 2017 21:00:00 GMT ~ 21:01:57 GMT

I believe it's nothing just the usual 'Hey you look suspicious now solve this' from cloudflare though

~Dec - July 11, 2017, 12:06 am

(Jul 10, 2017 01:17 PM)Omniscient Wrote: [\[CITE\]](#) I can check the traffic logs at Cloudflare but I need the IP being blocked.

For security reasons I cannot just disable Cloudflare and other security. For that question to even be asked is completely fucking enraging. You must be fucking STUPID if you think I'm going to have zero security on a fucking API! Are you out of your fucking mind?

I don't think you would have to disable CloudFlare entirely, I think it may just need different settings for the API endpoint (but take my post with a grain of salt this time - I don't usually use cloudflare because of how the aggressive setting requires JavaScript to be enabled so you are way more experienced than I in this regard).

I have found this post on CloudFlare explaining the use case for an API endpoint that returns JSON: <https://support.cloudflare.com/hc/en-us/articles/200504045-Using-CloudFlare-with-your-API>

I've also found these useful answers on StackOverflow:

<https://stackoverflow.com/questions/29569021/can-one-cache-and-secure-a-rest-api-with-cloudflare>
<https://stackoverflow.com/questions/11560101/caching-json-with-cloudflare>

It seems that the consensus here is to lower the level of security just for the API endpoints (using their Page Rules feature) just enough so that Cloudflare doesn't accidentally request a captcha for API requests, and so that it doesn't accidentally send 200 response codes for endpoints that return 404s (though ot sure why CloudFlare would do the latter in the first place)

xDowwdeen - July 13, 2017, 11:18 am

Quote:Private Message Inbox (/pmbox/:id or /inbox)This request simply requires you to set inbox in the request, and include a page parameter just like the thread and forum IDs. There are 20 PMs per page of the inbox.

The results of this call are slightly different to the earlier results. In this case, you will get a list of PM IDs of the PMs in your inbox, but you will also get some basic info about each PM in this list, namely the subject, sender, read status and date, to allow you to see which PMs have are read/unread without having to open them.

Sample call:

Code <https://hackforums.net/api/v1/pmbox/1>

Call Example [\(Click to View\)](#)PHP Code

```
<?php
{
success: true,
message: "",
result: [
    {
        pmid: 78288591,
        subject: "Re: API",
        sender: 1,
        recipient: 2015410,
        status: 3,
        dateline: 1499280513
    },
    {
        pmid: 78287171,
        subject: "HF API",
        sender: 1660622,
        recipient: 2015410,
        status: 1,
        dateline: 1499274164
    },

```

... snip ...

```
    {
        pmid: 78194714,
        subject: "Mesh",
        sender: 458073,
        recipient: 2015410,
        status: 3,
        dateline: 1498686176
    }
]
}
```

Is it possible to have an output of how many PM's the User has so we can use it to work out how many pages there are?

Also when looking at the PM's is it possible for a "RAW" output like what has been done on the threads?

-xDowwdeen

QoL?? - July 13, 2017, 11:19 am

(Jul 13, 2017 11:18 AM)xDowwdeen Wrote: [CITE](#) Is it possible to have an output of how many PM's the User has so we can use it to work out how many pages there are?

Also when looking at the PM's is it possible for a "RAW" output like what has been done on the threads?

-xDowwdeen

I second both of these requests. More so the first as I don't need the raw html anymore.

Aigrod - July 13, 2017, 11:22 am

Did the time format change? Now instead of UNIX time I am getting "2017-07-13T14:13:34Z" format. That's actually better.

Khamul - July 13, 2017, 11:25 am

(Jul 13, 2017 11:22 AM)DePixel Wrote: [\[CITE\]](#) Did the time format change? Now instead of UNIX time I am getting "2017-07-13T14:13:34Z" format. That's actually better.

Yeah I'm getting the same now, they're obviously making a few changes considering this and the not eligible for API page.

QoL?? - July 13, 2017, 11:26 am

(Jul 13, 2017 11:22 AM)DePixel Wrote: [\[CITE\]](#) Did the time format change? Now instead of UNIX time I am getting "2017-07-13T14:13:34Z" format. That's actually better.

Yes, it looks like it. We're also getting usernames as well as UID in some calls.

We've got a /User endpoint with no UID gives us the current user! Woot!

Omniscient - July 13, 2017, 1:23 pm

Quote:Is it possible to have an output of how many PM's the User has so we can use it to work out how many pages there are?

Actually I just sent him a PM about that yesterday.

Quote:Also when looking at the PM's is it possible for a "RAW" output like what has been done on the threads?

It's being discussed. Probably going to happen.

Corwin - July 13, 2017, 1:36 pm

What's the actual purpose to any of this?

QoL?? - July 13, 2017, 1:37 pm

(Jul 13, 2017 01:36 PM)Corwin Wrote: [\[CITE\]](#) What's the actual purpose to any of this?
To the API entirely or the updates?

saliva - July 13, 2017, 1:38 pm

(Jul 13, 2017 01:36 PM)Corwin Wrote: [\[CITE\]](#) What's the actual purpose to any of this?
It's an API. You ask for data, you get data.
It's for attaining data for use in applications.

SIM-2015410 - July 13, 2017, 4:51 pm

Changelog 13 July 17:/user endpoint defaults to owner of key if no uid is supplied
Unix timestamps have been replaced by ISO formatted date strings where applicable
Number of threads in forum is added to /forum method for pagination
Added usernames to some more calls
Added display group to user method
Added better failure message for /users method if some don't exist but some do.
Added new header with number of calls remaining
Prevented redirect forums from being accessed normally
Small bugfixes

QoL?? - July 13, 2017, 4:54 pm

(Jul 13, 2017 04:51 PM)MeshCollider Wrote: [\[CITE\]](#) Changelog 13 July 17:/user endpoint defaults to

owner of key if no uid is supplied

Unix timestamps have been replaced by ISO formatted date strings where applicable

Number of threads in forum is added to /forum method for pagination

Added usernames to some more calls

Added display group to user method

Added better failure message for /users method if some don't exist but some do.

Added new header with number of calls remaining

Prevented redirect forums from being accessed normally

Small bugfixes

This is all very nice! Thank you! I can't think of any features at the moment that I would die for that you haven't already addressed.

Just waiting on the usernames to be added to every call that returns a UID and I'll be set for V1.

Charger - July 13, 2017, 5:24 pm

Keep going with the updates! Keeps getting better and better.

Charger - July 15, 2017, 3:06 pm

Can prestige be added to /user/?

Also, is reputation (given, too) going to be added in a minor update or is that planned on v2?

SIM-2015410 - July 15, 2017, 4:16 pm

(Jul 15, 2017 03:06 PM)Charger Wrote: [\[CITE\]](#) Can prestige be added to /user/?

Also, is reputation (given, too) going to be added in a minor update or is that planned on v2?

We aren't planning on adding reputation at this stage, that's very low on the priority list (if at all)

But yes prestige can be added

QoL?? - July 15, 2017, 4:18 pm

(Jul 15, 2017 04:16 PM)MeshCollider Wrote: [\[CITE\]](#) We aren't planning on adding reputation at this stage, that's very low on the priority list (if at all)

But yes prestige can be added

Doesn't reputation already exist in the response...? Or am I missing something?

SIM-2015410 - July 15, 2017, 4:21 pm

(Jul 15, 2017 04:18 PM)QoL?? Wrote: [\[CITE\]](#) Doesn't reputation already exist in the response...? Or am I missing something?

I assume he means the list of reps given/received rather than just the number

QoL?? - July 15, 2017, 4:26 pm

(Jul 15, 2017 04:21 PM)MeshCollider Wrote: [\[CITE\]](#) I assume he means the list of reps given/received rather than just the number

Ah, that makes sense now. Haha

Secret Agent - July 15, 2017, 6:03 pm

Is it possible to retrieve PMs from different pages in my inbox?

~Dec - July 15, 2017, 6:32 pm

(Jul 15, 2017 06:03 PM)Secret Agent Wrote: [\[CITE\]](#) Is it possible to retrieve PMs from different pages

in my inbox?

<https://hackforums.net/api/v1/pmbbox?page=2>

SIM-2015410 - July 16, 2017, 4:38 am

Couple more cool features coming in the (potentially last) update of v1, then on to v2 we go :D
Will post a changelog when its released

Omniscient - July 16, 2017, 10:29 am

I don't want Prestige in results.

Khamul - July 16, 2017, 11:26 am

(Jul 16, 2017 04:38 AM)MeshCollider Wrote: [\[CITE\]](#) Couple more cool features coming in the (potentially last) update of v1, then on to v2 we go :D

Will post a changelog when its released

Sounds awesome Mesh, keep it up! Will XMPP info for the user ever be available via an endpoint, just would be really sweet to incorporate an HF approved instant messenger into our apps. Could potentially increase the interest in HF's XMPP.

Just a thought from me, keep up the awesome work guys!

kawaii - July 16, 2017, 11:48 am

(Jul 16, 2017 11:26 AM)Khamul Wrote: [\[CITE\]](#) Sounds awesome Mesh, keep it up! Will XMPP info for the user ever be available via an endpoint, just would be really sweet to incorporate an HF approved instant messenger into our apps. Could potentially increase the interest in HF's XMPP.

Just a thought from me, keep up the awesome work guys!

You don't need anything from the API to incorporate XMPP into your app. XMPP is an open standard, you only need to know how to correctly send and receive stanzas from the server and how to use OTR.

Khamul - July 16, 2017, 2:18 pm

(Jul 16, 2017 11:48 AM)Escrow Wrote: [\[CITE\]](#) You don't need anything from the API to incorporate XMPP into your app. XMPP is an open standard, you only need to know how to correctly send and receive stanzas from the server and how to use OTR.

I know all this, just would be more streamlined if the user didn't have to enter another username and password to get access to it that's all.

Secret Agent - July 16, 2017, 4:59 pm

Things that require multiple requests to be quickly made to the API, such as retrieving PMs from a range of pages or retrieving a number of posts, cause a 503 error due to CloudFlare. Any workaround for this?

QoL?? - July 16, 2017, 5:03 pm

(Jul 16, 2017 04:59 PM)Secret Agent Wrote: [\[CITE\]](#) Things that require multiple requests to be quickly made to the API, such as retrieving PMs from a range of pages or retrieving a number of posts, cause a 503 error due to CloudFlare. Any workaround this?

Only request one page at a time seems to be the way to go. Why do you need more than one page at a time?

Omniscient - July 16, 2017, 9:14 pm

(Jul 16, 2017 04:59 PM)Secret Agent Wrote: [\[CITE\]](#) Things that require multiple requests to be quickly made to the API, such as retrieving PMs from a range of pages or retrieving a number of posts, cause a 503 error due to CloudFlare. Any workaround for this?

Your examples don't explain why you're making multiple requests at the same time.

Please explain what you're doing on your app.

Secret Agent - July 17, 2017, 3:08 am

(Jul 16, 2017 05:03 PM)QoL?? Wrote: [\[CITE\]](#) Only request one page at a time seems to be the way to go. Why do you need more than one page at a time?

I'm sorry if I wasn't very clear on my post but one page at a time is what I'm doing. The problem is that making a request one after the other immediately causes a CloudFlare 503 error.

(Jul 16, 2017 09:14 PM)Omniscient Wrote: [\[CITE\]](#) Your examples don't explain why you're making multiple requests at the same time.

Please explain what you're doing on your app.

I'm sorry if I wasn't very clear on my post but I'm not making requests at the same time. I'm making requests one after the other and if the request after the one before is sent too fast, you get hit with the CloudFlare 503 error.

In the GIF below, I'm trying to retrieve all my PMs in my inbox. After the program makes a request to the first page of my inbox (<https://hackforums.net/api/v1/pmbox/1?page=1>), the program immediately makes a new request to the second page of my inbox (<https://hackforums.net/api/v1/pmbox/1?page=2>). Since the second request is sent too quickly after the first request, I get hit with a CloudFlare 503 error. I can get around this by placing a delay of at least 2 seconds before spawning a new request but it negatively affects user experience since you have to wait to retrieve data. If I were to put a delay on these PM requests, it would take me over a minute to retrieve all of my PMs.

SIM-2015410 - July 17, 2017, 3:57 am

Changelog v1.2 Added RAW / html output for private messages same as posts

Added an optional ?include=header parameter to all calls which allows you to get the current number of unread PMs at the same time (example: /api/v1/user/1?include=header)

Added usernames to all remaining methods which return UIDs

Added count of PMs and PMbox name to the /pmbox method BREAKING

Added a /user/:id/threads method and /user/:id/posts method to get user threads and posts respectively

Added a /groups method which returns all groups, or /groups/:ids which takes a CSV list of group IDs

Added thread prefixes to thread and forum method

Added an /avatar/:uid method which returns base64 encoded avatar of user, if uploaded to HF (or in HFs image gallery). Group userbars and ficons are coming soon.

Will update OP with info about new methods tomorrow, but they're pretty straightforward

~Dec - July 17, 2017, 5:07 am

(Jul 17, 2017 03:08 AM)Secret Agent Wrote: [\[CITE\]](#) In the GIF below, I'm trying to retrieve all my PMs in my inbox. After the program makes a request to the first page of my inbox (<https://hackforums.net/api/v1/pmbox/1?page=1>), the program immediately makes a new request to the second page of my inbox (<https://hackforums.net/api/v1/pmbox/1?page=2>). Since the second request is sent too quickly after the first request, I get hit with a CloudFlare 503 error. I can get around this by placing a delay of at least 2 seconds before spawning a new request but it negatively affects user experience since you have to wait to retrieve data. If I were to put a delay on these PM requests, it would take me over a minute to retrieve all of my PMs.

So just give your users the ability to navigate between pages on their own - don't do it for them. Did they give you their permission to read their entire inbox? What if they're on mobile and don't have enough data for such a large amount of incoming bandwidth? If you use infinite scroll then you can request pages as you need them without cluttering up your UI - when the user scrolls down to the bottom, fetch the next page.

(Jul 17, 2017 03:57 AM)MeshCollider Wrote: [\[CITE\]](#) Changelog v1.2Added RAW / html output for private messages same as posts

Added an optional ?include=header parameter to all calls which allows you to get the current number of unread PMs at the same time (example: /api/v1/user/1?include=header)

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Added thread prefixes to thread and forum method

Added an /avatar/:uid method which returns base64 encoded avatar of user, if uploaded to HF (or in HFs image gallery). Group userbars and ficons are coming soon.

Will update OP with info about new methods tomorrow, but they're pretty straightforward

A bit baffled by the choice of the word "header", but great work!

QoL?? - July 17, 2017, 5:58 am

(Jul 17, 2017 03:57 AM)MeshCollider Wrote: [\[CITE\]](#) Changelog v1.2Added RAW / html output for private messages same as posts

Added an optional ?include=header parameter to all calls which allows you to get the current number of unread PMs at the same time (example: /api/v1/user/1?include=header)

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Added an /avatar/:uid method which returns base64 encoded avatar of user, if uploaded to HF (or in HFs image gallery). Group userbars and ficons are coming soon.

Will update OP with info about new methods tomorrow, but they're pretty straightforward

I agree with Dex, why is it called header?

One other thing, I love that you've added the /Avatar endpoint since that's super useful, but why didn't you add it to the /User endpoint instead? This now requires us to make two calls instead of one once the app knows it's a hosted image.

Otherwise, very good job, Mesh! This is coming along very well!

xDowwdeen - July 17, 2017, 11:17 am

(Jul 17, 2017 03:57 AM)MeshCollider Wrote: [\[CITE\]](#) [*] Added count of PMs and PMbox name to the /pmbox method BREAKING

Hi Mesh

Thanks for the Update.

One question is that when I call the "/pmbox" the page info shows only 1. But I have 4 pages when i

browse on HF

```
Code {
  "message": "",
  "result": {
    "pageInfo": {
      "total": 1
    },
    "pmbox": "inbox",
    "pms": [
      ....
    ]
  },
  "success": true
}
```

Is this a bug or have i misunderstood.

Thanks

QoL?? - July 17, 2017, 11:29 am

(Jul 17, 2017 11:17 AM)xDowwdeen Wrote: [\[CITE\]](#) Hi Mesh

Thanks for the Update.

One question is that when I call the "/pmbox" the page info shows only 1. But I have 4 pages when i browse on HF

```
Code {
  "message": "",
  "result": {
    "pageInfo": {
      "total": 1
    },
    "pmbox": "inbox",
    "pms": [
      ....
    ]
  },
  "success": true
}
```

Is this a bug or have i misunderstood.

Thanks

We've told Mesh about it already. It's supposed to be a count of messages, not count of pages, I think.

xDowwdeen - July 17, 2017, 11:40 am

(Jul 17, 2017 11:29 AM)QoL?? Wrote: [\[CITE\]](#) We've told Mesh about it already. It's supposed to be a count of messages, not count of pages, I think.

Cool thanks :) yeah either would work anyways :)

-xDowwdeen

SIM-2015410 - July 17, 2017, 3:22 pm

Yep sorry the pmbox total was just a stupid mistake of mine outputting the wrong thing. Will fix asap. What would you prefer instead of calling it header? I chose that because it made me think of HF's header at the top of the page

QoL?? - July 17, 2017, 3:41 pm

(Jul 17, 2017 03:22 PM)MeshCollider Wrote: [\[CITE\]](#) Yep sorry the pmbox total was just a stupid mistake of mine outputting the wrong thing. Will fix asap.

What would you prefer instead of calling it header? I chose that because it made me think of HF's header at the top of the page

How about "unread"?

SIM-2015410 - July 17, 2017, 4:52 pm

(Jul 17, 2017 03:41 PM)QoL?? Wrote: [\[CITE\]](#) How about "unread"?

The header will potentially be expanded later to include other useful info, not just unread PM count, so I wanted to leave it open.

PM count bug is fixed btw

QoL?? - July 17, 2017, 4:53 pm

(Jul 17, 2017 04:52 PM)MeshCollider Wrote: [\[CITE\]](#) The header will potentially be expanded later to include other useful info, not just unread PM count, so I wanted to leave it open.

How about "extras" then?

Also, is there any way to add the base64 encoded images to the /User and multiple user requests?

SIM-2015410 - July 17, 2017, 4:59 pm

(Jul 17, 2017 04:53 PM)QoL?? Wrote: [\[CITE\]](#) How about "extras" then?

Also, is there any way to add the base64 encoded images to the /User and multiple user requests? Likely will be moved, but keeping it separate for testing at the moment

QoL?? - July 17, 2017, 5:32 pm

(Jul 17, 2017 04:59 PM)MeshCollider Wrote: [\[CITE\]](#) Likely will be moved, but keeping it separate for testing at the moment

Okay, it would be great if it could be moved to /Users instead that way we don't need to do the /Avatar call after getting UID.

Omniscient - July 17, 2017, 7:56 pm

Quote:In the GIF below, I'm trying to retrieve all my PMs in my inbox. After the program makes a request to the first page of my inbox (<https://hackforums.net/api/v1/pmbox/1?page=1>), the program immediately makes a new request to the second page of my inbox (<https://hackforums.net/api/v1/pmbox/1?page=2>). Since the second request is sent too quickly after the first request

How can I be more clear to you? Grab ONE PAGE at a time. You immediately make a new request to the second page. DON'T DO THAT! Limits are there for a reason.

Quote:One other thing, I love that you've added the /Avatar endpoint since that's super useful, but why didn't you add it to the /User endpoint instead? This now requires us to make two calls instead of one once the app knows it's a hosted image.

One, we wanted to make sure it works. Two, we want to see if it's used. Three, it makes the output of /user endpoint much larger.

Quote:The header will potentially be expanded later to include other useful info, not just unread PM count, so I wanted to leave it open.

It's planned to be more of a global data with information that could be useful on every call. So you may be able to add &header=on to consistently grab the data. I can't think of a better term than header...ugh...maybe...ugh..."all", "whole", or maybe just "full"? Not loving any of those but maybe "all" would work. Something short would probably be preferred.

Quote:Also, is there any way to add the base64 encoded images to the /User and multiple user requests?

I'd like to keep it as-is for this very moment. What may happen is user/1/?avatar=base64 or something of that nature.

We're finally making good progress at least. I hope to get this for L33t by the weekend so get those apps rolling.

SIM-2015410 - July 18, 2017, 6:31 am

(Jul 17, 2017 07:56 PM)Omniscient Wrote: [\[CITE\]](#) How can I be more clear to you? Grab ONE PAGE at a time. You immediately make a new request to the second page. DON'T DO THAT! Limits are there for a reason.

Indeed, @Secret Agent this isn't API is not designed for scraping large amounts of data. It is designed to provide an interface for users to interact with the site via mobile apps in the same way that they would use the desktop site. No one can read all their pages of PMs at once, what are you trying to accomplish in doing that?

Mr Smithy x - July 20, 2017, 12:47 pm

(Apr 21, 2017 07:30 PM)MeshCollider Wrote: [\[CITE\]](#) ...snip

Any plans on returning the current user's id on the /api/v1/user endpoint?

Omniscient - July 20, 2017, 3:58 pm

(Jul 20, 2017 12:47 PM)Mr Smithy x Wrote: [\[CITE\]](#) Any plans on returning the current user's id on the /api/v1/user endpoint?

Do you mean the id information of the user with the current key?

Because if that's what you are asking, it's a YES. Plan on having some data in all calls that will be based on the keys owner. Things like the current username or if there are unread PMs for example would be helpful.

Mr Smithy x - July 20, 2017, 7:54 pm

(Jul 20, 2017 03:58 PM)Omniscient Wrote: [\[CITE\]](#) Do you mean the id information of the user with the current key?

Because if that's what you are asking, it's a YES. Plan on having some data in all calls that will be based on the keys owner. Things like the current username or if there are unread PMs for example would be helpful.

Awesome, I'm looking forward to the next push that would clear up a lot of limitations i'm currently facing.

Omniscient - July 20, 2017, 10:29 pm

(Jul 20, 2017 07:54 PM)Mr Smithy x Wrote: [\[CITE\]](#) Awesome, I'm looking forward to the next push that would clear up a lot of limitations i'm currently facing.

Can you please tell us what limitations you're facing?

Mr Smithy x - July 21, 2017, 12:27 pm

(Jul 20, 2017 10:29 PM)Omniscient Wrote: [\[CITE\]](#) Can you please tell us what limitations you're facing?

It's mainly just storing the models offline (to save API calls) and comparing the User models to one another. I'm also structuring the inbox & pm system but i need the user to be able to identify himself so i structure the left-to-right and right-to-left layout.

le

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

Mr Smithy x - July 21, 2017, 6:31 pm

(Jul 21, 2017 01:10 PM)xadamxk Wrote: [\[CITE\]](#) Right now you can identify that from a message call (the recipient is the user).

But after the next update, there will be a call for this.

The recipient may not always be the user though. I'm not sure if I'm explaining it right but there's no uid to identify one self, so when dealing with sender & recipient couldn't that be interchangeable? And if yes than that's the problem that I'm trying to point out. So having the uid on the user endpoint (being the current user) that would fix the problem because upon login, I can store that as the current user.

I'm looking forward to the next push, it would help alot for other things I have in mind.

SIM-2015410 - July 21, 2017, 6:54 pm

(Jul 21, 2017 06:31 PM)Mr Smithy x Wrote: [\[CITE\]](#) The recipient may not always be the user though. I'm not sure if I'm explaining it right but there's no uid to identify one self, so when dealing with sender & recipient couldn't that be interchangeable? And if yes than that's the problem that I'm trying to point out. So having the uid on the user endpoint (being the current user) that would fix the problem because upon login, I can store that as the current user.

I'm looking forward to the next push, it would help alot for other things I have in mind.

It will be added, yes

But for now, as adam said, use the recipient ID in the inbox, they will all be your UID

VmX5 - August 2, 2017, 1:39 pm

Hey guys quick question : does anyone know what is the hourly cap for the API? I thought it was 100 calls but I've surpassed that amount without issue.

_wind - August 2, 2017, 3:43 pm

(Aug 2, 2017 01:39 PM)VmX5 Wrote: [\[CITE\]](#) Hey guys quick question : does anyone know what is the hourly cap for the API? I thought it was 100 calls but I've surpassed that amount without issue.

(Apr 21, 2017 07:30 PM)MeshCollider Wrote: [\[CITE\]](#) Changelog v1.1Rate limits increased to 240 / hour

Hash G. - August 25, 2017, 3:27 am

<https://hackforums.net/api/v1/forum/2> numthreads: "49333"Shouldn't it be a number?

<https://hackforums.net/api/v1/users/2577525> usertitle:""I do have one although it's the default one
Why there is no prestige field?

<https://hackforums.net/api/v1/category/1> Why there is no numthreads & numposts? It's already there in the 'frontend' <https://i.imgur.com/l00tzot.png>

<https://hackforums.net/api/v1/groups/36>Where is the member count? Is it too heavy on the resources?

I was sure I posted that already but can't find my post.
Will you implement the misc pages like stats.php?

Thanks & good job nonetheless.

SIM-2015410 - August 25, 2017, 5:27 am

Ah yep I added numthreads a bit later so I must have forgotten the integer cast. Will fix in v2

Default user titles are stored elsewhere in the DB, didn't see any point adding them if they can be calculated based on post number anyway
Omni specifically said he didn't want prestige added

Category is just for navigation, use forum to get lists of thread counts, etc., It's a bit more DB intensive to do that so I didn't want to add it to both calls

Yeah member count for groups is a bit heavy, group call was mainly designed for getting member userbars and stuff for display not for scraping group info alone

Thanks for that list though, super helpful :)

Hash G. - August 25, 2017, 10:20 am

Alright, quite surprised for prestige, but his call.

Forum to list thread counts would require to call each of the subforums, for a category like "HF Open Discussion" it's 24 calls :/

Maybe add a GET parameter for resource intensive calls? Same for the groups.

Thank you again Mesh!

SIM-2015410 - October 5, 2017, 12:28 am

(Oct 4, 2017 11:01 PM)xadamxk Wrote: [\[CITE\]](#) What's the header for that Mesh?
X-Rate-Limit-Remaining

Linux. - October 5, 2017, 3:10 pm

(Oct 5, 2017 12:28 AM)MeshCollider Wrote: [\[CITE\]](#) X-Rate-Limit-Remaining

Just want to point this out since Adam, and I ran into this a few days ago. CORS does not appear to be enabled or available for preflight requests, this causes a few problems if you're not making requests natively or via Hackforums as the origin.

CORS support in v2 is a must in my opinion. ?

Linux. - October 5, 2017, 4:39 pm

(Oct 5, 2017 03:31 PM)xadamxk Wrote: [\[CITE\]](#) Already talked to Omni about it.
It's a no go since it can pose a threat to security.

Instead, you just have to launch your browser (chrome) with the no web security flag and then it works fine.

Wait CORS implementation poses a threat? I guess I could see that if introduced on the main server but if he is implementing a tunnel for api.hackforums.net or something then it seems like CORS support would work for that instance.

0xDEAD10CC - October 7, 2017, 12:15 pm

Some endpoints appear to have more input validation than others.. :/

More RESTful guidelines should have been followed here IMO.

You have GET /inbox and GET /pm/id, when in other cases you allow the plural without an id to specify "all", and in some cases just the name without an id to specify "all". It's rather silly.

i.e.

GET /category

GET /category/id

GET /inbox

GET /pm/id

GET /groups

GET /group/id

^ Where is the consistency here? Worst API implementation... ?

Follow something standardized: <https://github.com/Microsoft/api-guidelines>

SIM-2015410 - October 7, 2017, 12:32 pm

Woah it's almost unusable with that inconsistency, you're right :O

It's all been changed in V2 anyway, but you're complaining over something so trivial ???

Some methods were added later than others, like the groups call, that's why there's some inconsistency

But seriously who cares if one's plural and the other isn't lmao

0xDEAD10CC - October 7, 2017, 12:37 pm

(Oct 7, 2017 12:32 PM)MeshCollider Wrote: [\[CITE\]](#) Woah it's almost unusable with that inconsistency, you're right :O

For expansion you can't follow typical REST guidelines, I now would need to map a single endpoint request to the multiple endpoint request if I wanted to retrieve all which is not the way most of the good REST-ful API's work because people have developed standards to avoid a messy implementation like this.

It's much easier in code to have a single endpoint for both which follows a consistent execution path where all I need to do is remove the id and I have access to a response that contains all results rather than a single one.

Not only on the usage side - I can only imagine how messy the backend is based on this principle.

0xDEAD10CC - October 7, 2017, 1:20 pm

(Oct 7, 2017 12:58 PM)xadamxk Wrote: [\[CITE\]](#) TBH, I don't think Mesh has had much experience developing API's, but it's come a long way.

It's going to be a learning process for everyone

Philips Hue API is a great example to learn from then, and there are published standards out there to use for reference as well.

<https://github.com/Microsoft/api-guidelines>

Better to start with a good base sooner than later.

Ex:

- Lights

GET /api/<username>/lights - get all lights
GET /api/<username>/lights/new - get all new lights
POST /api/<username>/lights - search for all new lights
GET /api/<username>/lights/<id> - get light attributes
PUT /api/<username>/lights - set light attributes
PUT /api/<username>/lights/state - set light state attribute
DELETE /api/<username>/lights/<id> - delete light

^ Notice how the /lights API endpoint never changes no matter what you're doing with a single or many lighting resources? It also always either sets/gets/deletes/etc a light resource or a collection of resources.

Made my C API for this easy and logical to both write and understand...

Linux. - October 7, 2017, 2:05 pm

TLDR just follow standards and everyone will calm there tits.

0xDEAD10CC - October 7, 2017, 2:42 pm

I would propose something like this which would be a bit better for expansion:

Code GET /threads/<id>
GET /threads/<id>/posts
GET /posts/<id>

GET /users/<id>
GET /users/<id>/posts
GET /users/<id>/threads
GET /users/<id>/warninglevel
GET /users/<id>/reputation
GET /users/<id>/prestige
GET /users/<id>/joined
GET /users/<id>/group
GET /groups
GET /groups/<id>
GET /groups/<id>/users
GET /categories
GET /categories/<id>
GET /categories/<id>/forums
GET /forums
GET /forums/<id>
GET /forums/<id>/threads
GET /inbox
GET /inbox/<id>

Has any of these been considered? How will you do this with the existing implementation? The API needs to consider "resources" will be available to each request, and how this hierarchy works. Similar to the approach of UML diagrams.

0xDEAD10CC - October 7, 2017, 6:07 pm

Past what I've already mentioned I don't really have anything more to say about this, I don't think he's considered the API in terms of true REST guidelines which is really more of an OO way of thinking about the resources that the API exposes. I'm not looking to collaborate on this, I was

looking into building a small interface to the API but I wouldn't want to waste my time seeing as how this API is subject to drastic changes if he wants to expand to include the features that I've implied through my brief suggestion on the structure of API endpoints (future endpoints and existing ones). I can't see the current design implementing any of that cleanly, which is probably why the rollout of this has been so significantly slow. I've designed a few API's, and learning from my mistakes I can see lots here.

While I was stopped in my tracks of writing a .NET interface for this API, I just figured I'd provide my two cents. This should now outline why I didn't want to invest my time into building something for it. In terms of "breaking changes" which I'm sure is a term many API developers are familiar with, this one will probably have many if v3 comes out.

EagleEye - October 8, 2017, 8:29 am

i was trying it, i did everything possible nothing ... always 403 error
iam using <http://phphttpclient.com> composer for that, the same as CURL
PHP Code
<?php
require_once "httpful.phar";
\$uri= "https://hackforums.net/api/v1/user/";
\$api = "API KEY HERE";
\$pass = base64_encode(\$api.":". "");
\$response = \Httpful\Request::get(\$uri)
->addHeaders(array("Authorization: Basic" => \$pass))
->send();
echo \$response->raw_body;

0xDEAD10CC - October 8, 2017, 11:09 am

(Oct 8, 2017 08:29 AM)961Group Wrote: [\[CITE\]](#) i was trying it, i did everything possible nothing ...
always 403 error
iam using <http://phphttpclient.com> composer for that, the same as CURL
PHP Code
<?php
require_once "httpful.phar";
\$uri= "https://hackforums.net/api/v1/user/";
\$api = "API KEY HERE";
\$pass = base64_encode(\$api.":". "");
\$response = \Httpful\Request::get(\$uri)
->addHeaders(array("Authorization: Basic" => \$pass))
->send();
echo \$response->raw_body;

Code addHeaders(array("Authorization: Basic" => \$pass))
This is wrong. "Basic" is NOT part of the header name.

Code \$value = 'Basic '.base64_encode(\$api.':');;

->addHeaders(array('Authorization' => \$value)) (Oct 7, 2017 12:32 PM)MeshCollider Wrote: [\[CITE\]](#)
Woah it's almost unusable with that inconsistency, you're right :O
It's all been changed in V2 anyway, but you're complaining over something so trivial ???

Some methods were added later than others, like the groups call, that's why there's some inconsistency

But seriously who cares if one's plural and the other isn't lmao

^ ? That is not a valid excuse, that's just poor justification on your behalf for how little thought had been put into the structure of the API. There's no reason for this given the fact that there are many public guidelines available, and the resources from this forum that you're dealing with are not a black box. It took me literally 5 minutes to design a better endpoint structure than what you've got currently.

Good luck expanding into providing more fields to each resource with this amount of care into the structure of your API.

I would like to see you provide a clean "class"-like diagram for each resource that your API exposes -- it may highlight how poor the current structure is if you can't already see it. I am doubtful that you can however, because this structure doesn't make any clear/logical sense, and until it does, no decent developer is going to be using this.

Quote:It's all been changed in V2 anyway, but you're complaining over something so trivial ???
^ Additionally, this is exactly what I was talking about. Who wants to use and develop for an API that is subject to breaking changes all the time? You have just proved my point. If it was so trivial/insignificant, you wouldn't have had to make this statement saying that "all" has been changed in version 2 lol. Any experienced developer could see this... I've been a developer for a long time, and I didn't need to wait for you to say that this API would drastically change to see that it was inevitably going to happen.

I can't see V2 being any better if you don't want to take into consideration some of the things I'm trying to say in order to help you out here. With that being said, the transition from V2 to V3 will probably be no different than the transition from V1 to V2 if you don't want to listen.

SIM-2015410 - October 8, 2017, 11:44 pm

Thanks for your feedback.

SIM-1725686 - October 20, 2017, 5:07 pm

Does anybody else hit a CloudFlare wall when trying to access the API?

0xDEAD10CC - October 24, 2017, 10:04 am

(Oct 23, 2017 09:16 AM)xadamxk Wrote: [\[CITE\]](#) Merr.... When Omni removed the tabs and changed that format, it fucked with all the categories of the API.

Luckily what I have still works, it just looks like ass since the tab sections no longer have icons :(Your implementation of the parsing should be separate from the logic of the API. ;)

(Oct 20, 2017 09:11 AM)xadamxk Wrote: [\[CITE\]](#) Is it just me or are password protected forums not accessible via the API? :(

I guess with no write access it makes sense...

For some strange reason, when I try to get my own (or anyone's) list of threads, it doesn't work in my app.

But it does work if I just copy and paste the URL in my browser.

Anyone have any insite on this?

URL: <https://hackforums.net/api/v1/user/3077324/threads>

Probably not storing and using the same session cookies as a user with permissions to view those threads? And just an authentication token to the API? How does this tie in work between a login session and the API?

edit: lol, clearly that's the reason why. I don't need to be logged in to use my api key... I can almost assume none of this is integrated into the forum itself since you mentioned that a theme change broke it ? Log out of the forum, then try again and you might learn something about the API. A discovery like this just made it a lot worse, if I'm correct.. Made me laugh, and if cloudflare affects this API then that might be another indication as well.

Perhaps the API should expose a "reason" JSON key for if "success" == false?

0xDEAD10CC - October 24, 2017, 10:27 am

(Oct 24, 2017 10:12 AM)xadamxk Wrote: [\[CITE\]](#) It is. But it still requires an additional call to get sub categories, where it didn't in the past ;)

The session is handled in the same service, so if it expires, it refreshes automatically.
I know for a fact that is working.

You do realize your API key is directly associated with your account, do you not?
That is the reason you can see the groups you are in.

Christ son

Please... If that was the case then I wouldn't have gotten 2 different results when I navigate to <https://hackforums.net/api/v1/user/3077324/threads> from a browser where I'm not logged into HF and a browser where I am logged in... (Yes - Using my same API key)

Spoiler ([Click to View](#))

If it was tied to my account I wouldn't have to be logged in... What IS tied to my account is my logon session... LOL do you even know what you're saying? ?

There's no tie to the account, it's just access to the API as far as all the evidence says. ? The API is tied to me as far as an IP goes from what I know, but that is ALL...

So, either:

- 1) Your API is flawed and does not work the way it was intended to work
- 2) You don't understand the API
- 3) All of the above

0xDEAD10CC - October 24, 2017, 10:35 am

Then the only answer to that is the API is flawed and it isn't tied to an account under that condition, or it evaluates the account incorrectly under that condition. But either way it isn't tied to the account and instead it uses the logon session, so my assumption is still fairly accurate. :)

0xDEAD10CC - October 24, 2017, 10:38 am

(Oct 24, 2017 10:36 AM)xadamxk Wrote: [\[CITE\]](#) Wait you are right.
Somehow my creds synced to my mom's computer.

That doesn't make any sense.
You must have a valid session to use an API call ?

I probably shouldn't say this but you are right about the inbox portion. So the validation is halfway correct but probably not correct for certain API endpoints. On Edge (since I knew I'd never logon to HF using that browser) I can view my inbox from my API key, but for threads it does not work.

At this point the fact that it halfway works is probably more concerning than it being consistent across the entire API... I really have no clue what the heck is going on under the hood, but that's scary to say. :/

Charger - October 24, 2017, 10:39 am

Why are you all arguing? Your API key is what it is; a key. It's no different than logging-in.

It would defeat the purpose of having an API (and API key) if you had to log in to your account, too.

0xDEAD10CC - October 24, 2017, 10:41 am

(Oct 24, 2017 10:39 AM)Charger Wrote: [\[CITE\]](#) Why are you all arguing? Your API key is what it is; a key. It's no different than logging-in.

It would defeat the purpose of having an API (and API key) if you had to log in to your account, too. Instead of blindly posting how about you give it a try yourself, then you can be quiet because you clearly haven't read the posts between us. The key is invalid (not tied to the account) when not logged in for the /threads endpoint, but it works without logging in for the /inbox endpoint.

So your analysis of the point in having a key is correct, but that's not justification for the way it currently works, because it DOES NOT work that way just because that would be a valid point in having the key lol.

?

Charger - October 24, 2017, 10:44 am

(Oct 24, 2017 10:41 AM)0xDEAD10CC Wrote: [\[CITE\]](#) Instead of blindly posting how about you give it a try yourself, then you can be quiet because you clearly haven't read the posts between us. The key is invalid (not tied to the account) when not logged in for the /threads endpoint, but it works without logging in for the /inbox endpoint.

So your analysis of the point in having a key is correct, but that's not justification for the way it currently works, because it DOES NOT work that way just because that would be a valid point in having the key lol.

?

The API works the way I need it for CryptoPal and other projects. Honestly, I don't care enough to test it. Inbox and threads work fine for me with the API call on a remote server.

0xDEAD10CC - October 24, 2017, 10:45 am

(Oct 24, 2017 10:44 AM)Charger Wrote: [\[CITE\]](#) The API works the way I need it for CryptoPal and other projects. Honestly, I don't care enough to test it. Inbox and threads work fine for me with the API call on a remote server.

Until you find out that it doesn't work if you tried the API endpoint above for the /threads. :)

edit --

<https://hackforums.net/api/v1/user/3077324/threads>

SIM-2015410 - October 24, 2017, 4:53 pm

(Oct 24, 2017 10:36 AM)xadamxk Wrote: [\[CITE\]](#) Wait you are right.

Somehow my creds synced to my mom's computer.

That doesn't make any sense.

You must have a valid session to use an API call ?

Hmm it seems that the mybb get_unsearchable_forums() function must rely on a session or something, that is why it doesn't work for those methods which use that call but it does for the others. Weird.

SIM-2015410 - October 25, 2017, 1:25 am

(Oct 24, 2017 07:10 PM)xadamxk Wrote: [\[CITE\]](#) Poop, so that won't be fixable for v1? :/

Maybe we should just drop OAuth in v2 and remerge all the fixes into v1 and leave authentication as-is. Seems like no one actually really wants OAuth anyway.

But unlikely anything further will happen with the API in the foreseeable future at least

Hoodie+ - October 25, 2017, 7:26 am

I can't wait for V2 version.

Can we suggest features for the API?

Hoodie+ - October 25, 2017, 1:57 pm

I would like to suggest a feature for the API.

I'm thinking of making a program that will scan posts for specific text but I don't want my program to start scanning from post 1 but from the latest post.

Unfortunately there isn't any API that can tell me the latest post ID.

Something like (GET /latestpost/)

Hoodie+ - October 25, 2017, 10:46 pm

(Oct 25, 2017 02:59 PM)xadamxk Wrote: [\[CITE\]](#) That sounds like API abuse to me.

Scanning every post...?

You use the forum call to get a list of threads that contain a link to the last post (PID) for that forum.

What's considered API abuse?

Is there a limit of requests you can do?

I would like to make a quote notification system.

SIM-2015410 - October 26, 2017, 12:33 am

(Oct 25, 2017 10:46 PM)Hoodie+ Wrote: [\[CITE\]](#) What's considered API abuse?

Is there a limit of requests you can do?

I would like to make a quote notification system.

Yes there is a rate limit of something like 240 requests per hour iirc. Scanning posts for mentions using the API would be extremely inefficient, its not suited to something like that. Omni said he'd add notifications to HF natively soon anyway :)

0xDEAD10CC - October 26, 2017, 8:55 am

A /latest post API would still be nice, along with maybe an offset and limit option to filter out massive API responses to sized results.

Hoodie+ - October 26, 2017, 11:20 am

(Oct 26, 2017 08:55 AM)0xDEAD10CC Wrote: [\[CITE\]](#) A /latest post API would still be nice, along with maybe an offset and limit option to filter out massive API responses to sized results.

Yeah, for example if we only want the ID of the user that posted a specific post. This would greatly lower bandwidth usage on big applications.

Hoodie+ - October 27, 2017, 3:39 am

(Oct 26, 2017 04:16 PM)xadamxk Wrote: [\[CITE\]](#) UID's are already associated with posts...? ?

That's correct, they are associated with GET /post/:id

But what if there's an application which uses a lot of API requests to only see who posted a specific thread.

Than the bytes which are send for other information such as title, message, date and not used and bandwidth is lost.

This is what he meant with "limit option to filter out massive API responses to sized results"

0xDEAD10CC - October 27, 2017, 4:19 pm

(Oct 26, 2017 04:16 PM)xadamxk Wrote: [\[CITE\]](#) UID's are already associated with posts...? ?

What he's saying is that this API exposes the resources for everything associated with an object. If he's making a query to a post, there's no way to tell the API to not return any of the other information corresponding with a specific query so that it only returns the values the request was made for.

i.e. If I make a request to my account, and the API returns my post count, thread count, etc... There's no way to tell the query to avoid sending me all of that (useless bytes), and ONLY send me my reputation.

(Oct 27, 2017 03:39 AM)Hoodie+ Wrote: [\[CITE\]](#) That's correct, they are associated with GET /post/:id

But what if there's an application which uses a lot of API requests to only see who posted a specific thread.

Than the bytes which are send for other information such as title, message, date and not used and bandwidth is lost.

This is what he meant with "limit option to filter out massive API responses to sized results"

What I meant by this is something like limit=10, so that If I return threads for a specific category, it will only return me the 10 most recent threads rather than however many it wants.

Xerotic - February 9, 2018, 4:44 pm

For the thread access... can we get the username for each post that is returned? We get the UID now but getting the username would be nice. In data.result.postdata (Array) the array of posts does not include usernames.

Currently the page only returns the OP's username. Thanks.

SIM-2015410 - February 9, 2018, 8:29 pm

(Feb 9, 2018 05:44 PM)Xerotic Wrote: [\[CITE\]](#) For the thread access... can we get the username for each post that is returned? We get the UID now but getting the username would be nice. In data.result.postdata (Array) the array of posts does not include usernames.

Currently the page only returns the OP's username. Thanks.

Sure thing, can do that when V2 gets released

Nick (Name) - May 25, 2018, 6:29 pm

I think we should get a GitHub Pages or Wiki for documenting this!

Saitama - July 13, 2018, 2:20 pm

can ya add a link to grab users rep info, like who he repped/got rep from.

Darkwin - July 30, 2018, 8:00 pm

Question will the API ever allow us to automate the contract process via autobuy?

Hydra - July 31, 2018, 6:54 pm

(Jul 31, 2018 06:32 PM)xadamxk Wrote: [CITE](#) When is API V2 coming? Fuck if I know.

Partial answer to that is: After HF moves to new servers which I believe the latest update to that was like next couple months (don't quote me).

But lots are in the woodworks. New theme in WIP too.

Dark_eGuru - August 1, 2018, 8:00 pm

Didn't know this was a thing. Cool!

System[X] - November 3, 2018, 2:39 am

"Rate limits increased to 240 / hour"

Is this how many calls for hour or active connections per hour ?

Just asking because after a while i get the 404 error. Ill change my code a bit for less calls and timer to maybe 90 seconds(1 and half minutes) a i use it as a notification tool, pops up and alerts me of new pms, thread replys ect.

Thanks

mycatisadog - November 15, 2018, 4:49 am

Just a very quick question, is there a reason why the api is not a subdomain api like api.hackforums.net in the traditional way instead of being hackforums.net/api/?

Rayner - November 17, 2018, 8:21 pm

Very interested in the ability to view who recently sent you bytes

Lynx - January 27, 2019, 8:39 am

What about oauth/bytes? Any chance of that being implemented?

MojeH - February 17, 2019, 3:01 pm

This is brilliant. Cannot believe Omni and HF have taken this website this far, it's beautiful to see. ?

And of course props to everyone else involved. ?

King - February 23, 2019, 9:05 pm

A very good job so far, MeshCollider.

Any news about the API v2?

Tor - February 25, 2019, 3:24 am

Great work guys! Keep up the good work.

Might use the api for something cool.

VmX5 - March 26, 2019, 8:31 pm

wooot! New servers!! API v2 is coming soon!

int - July 9, 2019, 10:59 am

is the ratelimit still 240 / hour?

hayesh - October 9, 2019, 5:56 am

If only I had seen this sooner

VmX5 - October 11, 2019, 2:59 pm

(Oct 9, 2019 11:13 AM)xadamxk Wrote: [\[CITE\]](#) Soon™

An API with more features and a swagger page would be awesome.

I like how swagger page sounds, I too would love an API with more features!

MavenGradle - October 11, 2019, 3:00 pm

(Oct 9, 2019 11:13 AM)xadamxk Wrote: [\[CITE\]](#) An API with more features and a swagger page would be awesome. (Oct 11, 2019 02:59 PM)VmX5 Wrote: [\[CITE\]](#) I like how swagger page sounds, I too would love an API with more features!

Swagger is nice and all, but if you can build something like the docs Stripe uses, I'll love you forever:

<https://stripe.com/docs/api>

EbookForums - October 11, 2019, 3:01 pm

(Oct 11, 2019 03:00 PM)MavenGradle Wrote: [\[CITE\]](#) Swagger is nice and all, but if you can build something like the docs Stripe uses, I'll love you forever:

[Stripe API Reference](#)

he doesnt make the api. mesh does

MavenGradle - October 11, 2019, 3:04 pm

(Oct 11, 2019 03:01 PM)EbookForums Wrote: [\[CITE\]](#) he doesnt make the api. mesh does
If you're referring to this mesh making the docs for Stripe, I think you're mistaken:

<https://getmesh.io/docs/api/>

Stripe uses a custom doc generator they coded themselves. AFAIK it's not available anywhere.

If you're referring to the people I quoted thinking I was thinking they are the ones building the HF API docs, well in that case, thanks for letting me know. But I just wanted to clarify that there are things out there that are way better and more user friendly than Swagger :). I started hating Swagger ever since they started integrating nicely with Magento which is a fucking mess of a product.

EbookForums - October 12, 2019, 10:42 pm

(Oct 11, 2019 03:04 PM)MavenGradle Wrote: [\[CITE\]](#) If you're referring to this mesh making the docs for Stripe, I think you're mistaken:

[Mesh Restful API documentation - Gentic Mesh](#)

Stripe uses a custom doc generator they coded themselves. AFAIK it's not available anywhere.

If you're referring to the people I quoted thinking I was thinking they are the ones building the HF API docs, well in that case, thanks for letting me know. But I just wanted to clarify that there are things out there that are way better and more user friendly than Swagger :). I started hating Swagger ever since they started integrating nicely with Magento which is a fucking mess of a product.

Yes I meant the knowledge around the API. If mesh isn't in on the API then it won't see light of day. Cause of that wasn't the case then v2 would already be released. So something holding it up which I'd guess is mesh. Not his fault but don't seem he's active here enough to help with it or he just doesn't care. As he probably gave up since the date keeps getting pushed back by admin

