

Omni*Web

I3P: <iframe> + I2P

[github.io](#) + ngrok tunnel example

Liang Ng, January 2026

[omnixtar.github.io/svfig](#)

[https://www.linkedin.com/in/liang-nq](#)



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

The screenshot shows a user interface for the I3P project. At the top, there is a red button labeled "PHOS". Below it, a yellow box contains the text "Omnistar Search Demo". To the left of this box, there is a "Copy" button. On the right side of the interface, there are several buttons labeled "AUTH", "GenKeys", "SEND", and "GET". At the bottom, there is a line of text: "fgl_s 345 < 2 > array (0 => array (0 => {'B AUTH':". A red arrow points to the "AUTH" button at the bottom.



Hidden Services Manager



Hidden Services Manager

These are the local services provided by your router. By default, most of your client services (email, HTTP proxy, IRC) will share the same set of tunnels and be listed as "Shared Clients".

Status Messages

```
Starting tunnel A01 Omni*Web HTTPS...
Error listening for connections on /127.0.0.1 port 4444: java.net.BindException: Address already in use
Stopping client HTTP Proxy on 127.0.0.1:4444
Client error for 127.0.0.1:4444, check logs
Client ready, listening on 127.0.0.1:6668, delaying tunnel open until required
Client ready, listening on 127.0.0.1:7659
```

RefreshClear

Global Tunnel Control

Tunnel WizardStop AllStart AllRestart All

I2P Hidden Services

Name	Type	Points at	Preview	Status	Control
A01 Omni*Web HTTPS	Standard server	127.0.0.1:443	No Preview		

Destination: yo6sgmfq7pfvvp2e4kuhjtfg7wfltt63igwcukhbmujqm6lu3a3a.b32.i2p



hongwu@hongwu-Latitude-5480:~



hongwu@hongwu-Latitude-5480:~

hongwu@hongwu-Latitude-5480:/var/www/d...

hongwu@hongwu-Latitude-5480:/var/www/d...

hongwu@hongwu-Latitude-5480:/var/www/d...

ngrok

(Ctrl+C to quit)

⚠️Free Users: Agents ≤3.19.x stop connecting 2/17/26. Update or upgrade: <https://ngrok.com/pricing>

Session Status

online
Account udexon (Plan: Free)
Update update available (version 3.35.0, Ctrl-U to update)

Version

3.34.1

Region

Asia Pacific (ap)

Latency

17ms

Web Interface

<http://127.0.0.1:4040>

Forwarding

<https://866196a35a9f.ngrok-free.app> -> <http://localhost:80>

Connections

ttl	opn	rt1	rt5	p50	p90
48	0	0.00	0.00	5.02	7.27

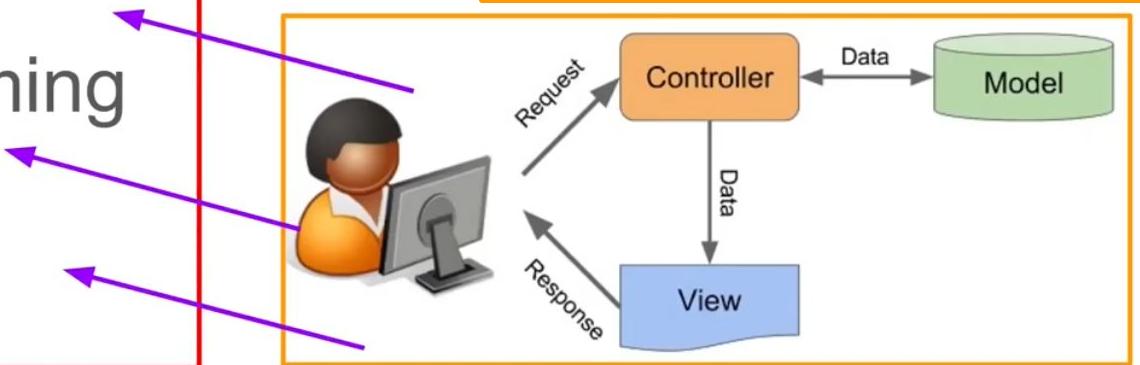
HTTP Requests

18:59:25.547 +08 POST /o/auth/phosm2.php 200 OK
17:37:52.602 +08 POST /o/auth/phosm2.php 200 OK
17:32:39.316 +08 POST /o/auth/phosm2.php 200 OK
17:30:02.439 +08 POST /o/auth/phosm2.php 200 OK
17:28:54.903 +08 POST /o/auth/phosm2.php 200 OK

Crypto-Meta-Programming (CMP)

Omni*Web

https://www.youtube.com/watch?v=P_M3PVn9J7I



Omni*Web: Crypto-Metaprogramming (CMP) as alternative to Model-View-Controller; towards Metanarchy



MI4 Metaprogramming in Forth
56 subscribers



All

Computer programming

Computer Science



Singapore's Tharman Destroys an Arrogant RBC Host





I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

Like
Hello World

Right-click on Like button

omnistart()

iframe I2P i3p()

iframe ngrok ngrok()



Omni*Web

I3P: <iframe> + I2P Invisible Inte

– Solution for Truly Decentralised Intern

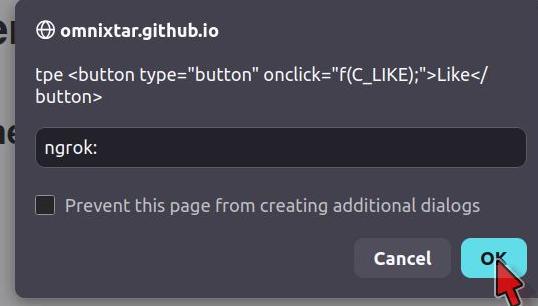
Like

Hello World

omnistart()

iframe I2P i3p()

iframe ngrok ngrok()





I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

Check AUTH token

```
adam array(1) { ["nn"]=> string(4  
session_id:bt4ubagm065l1d1ui3  
session_id:bt4ubagm065l1d1ui3
```

PHOS

Omnistar Search Demo

Copy

adam

```
f(): B  
f:ser
```

1602

fgl_s

["SE

4 =>

AUTH

GenKeys

SEND

GET

```
fgl_s 345 < 2 > array ( 0 => array ( 0 => '{"B AUTH":
```

Like

I3P: <iframe> + I2P Invisible Int

– Solution for Truly Decentralised Inter

adam array
session_id:
session_id:

OK

Omni*Search Demo

Copy adam

f(): B
f:'ser

1602

AUTH

GenKeys

SEND

GET

Like

Hello World



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

The screenshot shows a web-based interface for the I3P project. A modal dialog box is open in the center, displaying a URL (866196a35a9f.ngrok-free.app) and some JSON-like code. Below the dialog, a command-line interface window shows the command 'mkdir: s: x:' being typed. At the bottom, there is a row of buttons labeled 'AUTH', 'GenKeys', 'SEND', and 'GET'. A red arrow points to the 'AUTH' button. In the background, there are some UI elements like a 'like' button and a search bar.

adam array(1) { ["nn"]=> string(4

⊕ 866196a35a9f.ngrok-free.app

post ajax:

fgl_s 345 < 2 > array (0 => array (0 => [{"B_AUTH":

["SESSION:", "AUTH", "i:", "s:", ":"}], 1 => 'jd:', 2 => 'cdw', 3 =>

'am:', 4 => 'lcdw:', 5 => 'B_AUTH',), 1 => NULL,)

Don't allow 866196a35a9f.ngrok-free.app to prompt you again

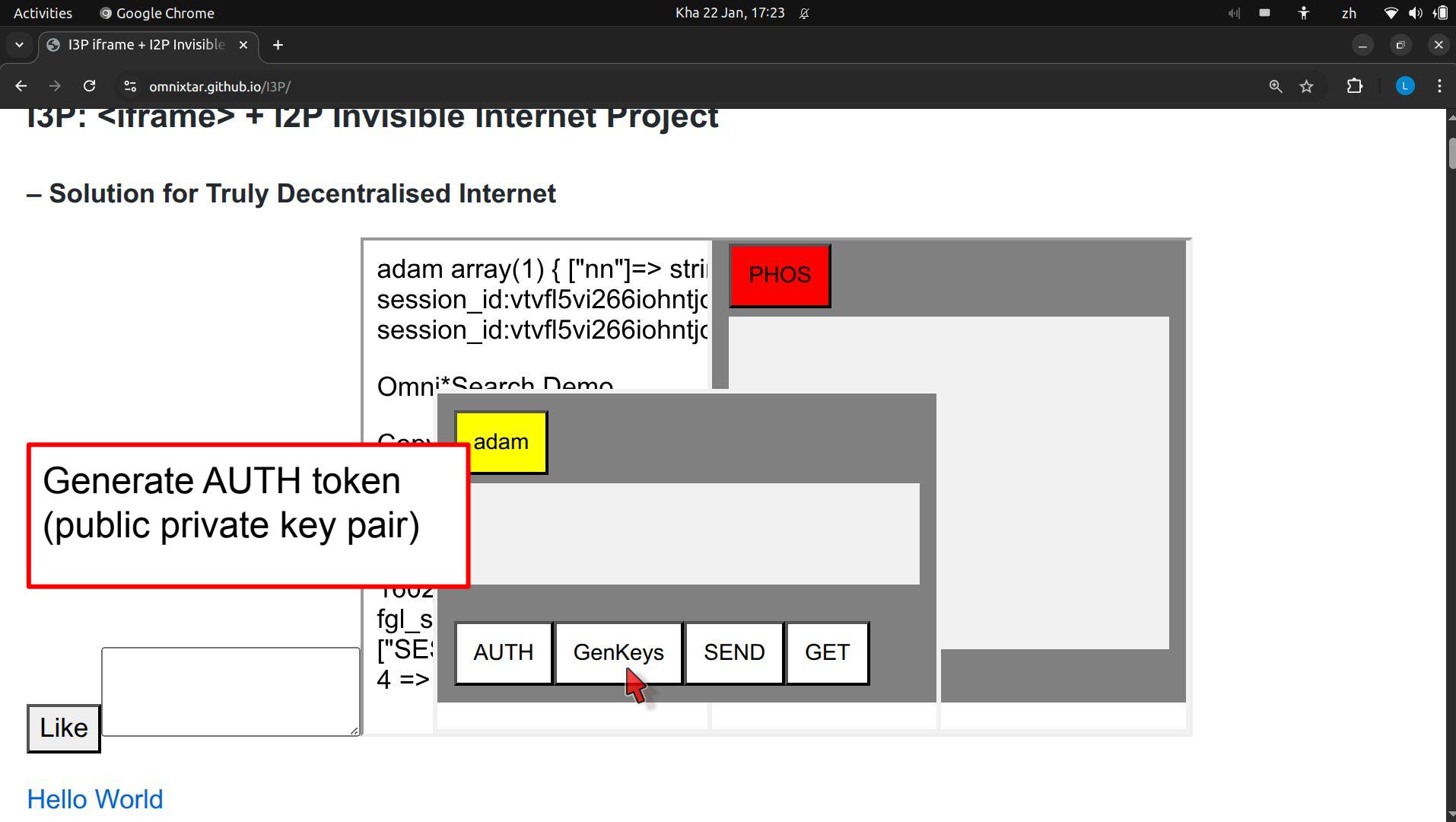
OK

mkdir: s: x:

AUTH GenKeys SEND GET

fgl_s 345 < 2 > array (0 => array (0 => {"B_AUTH":

Like Search



Like

Hello World

I3P: <iframe> + I2P Invisible Int

– Solution for Truly Decentralised Inter

An embedded page at 866196a35a9f.ngrok-free.app says

GenKeys

OK

adam array([1, 2, 3])
session_id:vtvfl5vi266iohntjc
session_id:vtvfl5vi266iohntjc

PHOS

Omni*Search Demo

Copy

adam

f(): B
f:'ser

1602

fgl_s

["SE

4 =>

AUTH

GenKeys

SEND

GET

Like

Hello World

I3P: <iframe> + I2P Invisible Int

– Solution for Truly Decentralised Inter

An embedded page at 866196a35a9f.ngrok-free.app says

awt: kk 6 cda phos,6,[object Object] CDW rsa_oaep:
rsa_oaep

OK

adam array
session_id:vtvfl5vi266iohntjc
session_id:vtvfl5vi266iohntjc

Omni*Search Demo

Copy adam

f(': B
f:'ser

1602
fgl_s
["SE:
4 =>

AUTH

GenKeys

SEND

GET

Like

Hello World



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

Check AUTH token
again

adam array(1) { ["nn"]=> string(4)
session_id:bt4ubagm065l1d1ui3
session_id:bt4ubagm065l1d1ui3

PHOS

Omnistar Search Demo

Copy adam

f(): B
f:ser

1602

fgl_s

["SE

4 =>

fgl_s 345 < 2 > array (0 => array (0 => 'B AUTH':

AUTH GenKeys SEND GET

Like

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– Solution for Truly Decentralised Internet

Back-end returns PBK
(public key)

⊕ 866196a35a9f.ngrok-free.app

```
post ajax:  
fgl_s 345 < 2 > array ( 0 => array ( 0 => '{"B_AUTH":  
["SESSION:", "AUTH", "i:", "s:", ":"}], 1 => 'jd:', 2 => 'cdw', 3 =>  
'am', 4 => 'cdw', 5 => 'B_AUTH', ), 1 => array ( 'SP' =>  
'7ab7b3bc', 'PASS' => '20260122_171856', 'PBK' =>  
'LS0tLS1CRUdJTiBQVUJMSUMgS0VZLS0tLS0tKTUlJQ0lqQ  
U5CZ2ztxGtpRzl3MEJBUUVGQUFPQ0FnOEFSNLQ2dLQ  
0FnRUFO3ZFY0VaK1dpWkIreTZhMnhLd3pvejkxV2tjMXV  
oQ0ppbFBueiswZ1MwNW1mK3hzRmlqdEZhV9yHUhZxMV  
FFM05KZVFWsMfpWjBhVEZabz0SlpmV0F3TU9sU0R1Y3  
M1OFFEMmw0UVEzV292aWxIYlj3b2g5Z0VRemloaEl5OU  
NEWDZDMUROWFV1ZEx6RUFTN295Z2VOUzhmUjlIZzfZYU  
dCb1hkelZLVEREdEld2dPdFNqVvh4M1c4TDdYQU5mQkRI  
NEfKoWw0UFFDWncvZ09tbC9kamndqcGowSVgxQvHOTmh  
IRHeYSmxPaEYxR3BvSzZzWUvZTlx0NYdKnjMWZtMzNW  
WHpyMTN2SkNQMXFodzh6NkNIwNhXzm3VFbx0tQZ1B  
SKzRCVHhpZndsZFB0nWJ0MGNTSS9sNuhtTaGpxNlpaVFR6  
dmJrVkJ0dnRjWTlxRDlremhoSTUybGkxTm1Q2poZlRFwl  
NaeXBqNGk1TnBoTwSzWXI4VGh6Zmk3WEZLUU9xRjfFnV  
wxBGkvVi9jYnVOM2VUbU14OVVVVGZ5K2dsRzVva1dKV  
WkrdrITSjFxndZMY2pISHUJTFRtaOY2WXdoQzRUNE9KWFYz  
SFUzMZEdDFqM3R3OTZscLNDQVlQd3drZHlaLy9TUvBdf  
BYNEdSNGFOcCtlb3FYTmxQRnF5RmpyZmxqUmZ1VxpOW  
TFVS1BTQnM0d0lVREFQWUxxaFJ0WE5DWXNdcVjtOwto  
U2VydUkwNWZINIJuRGNMSmheDVbjdlb3hWRzZhdFRjZl  
RwT3E3S016eUJZU24weFVGskNCUfOzZmYzOfh1U0ZFCD  
NaL3pFNktzSjVqdDJzb2hrcDvtTja0Ndvwk1qb0dGWUdr  
Uk4zdDY4d2xIOFkzL3jRTLja0NBd0VBQVE9PQotLS0tLUV  
ORCBQVUJMSUMgS0VZLS0tLS0t', 'NN' => 'adam', ), )
```

Don't allow 866196a35a9f.ngrok-free.app to prompt you again

OK



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

Get user identifier
(hash of public key)

```
adam array(1) { ["nn"]=> string(4
session_id:bt4ubagm065l1d1ui3
session_id:bt4ubagm065l1d1ui3
```

PHOS

Omnistar Search Demo

Copy adam

f(): B
f:ser

1602

fgl_s

["SE

4 =>

fgl_s 345 < 2 > array (0 => array (0 => '{"B AUTH":

AUTH GenKeys SEND GET

Like



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

adar
sess
sess
Omri
Cop

f(': B
f: se

1602

fgl_s

["SE

4 =>

fgl_s

```
post ajax:  
fgl_s 345 < 4 > array ( 0 => array ( 0 => {'B_AUTH1':  
    ["SESSION:", "AUTH", "i:", "PBK", "i:", "o_hash.json", "Lcdwjs", "  
    h_pwd", "eyJhX2NtZCI6WyJzOitsjsiXSwidF9mMcI6lwMjYt  
    MDEtMjJUMDk6MzA6MDluMzM5WiwlmhfZjAiOjIYkNUMF  
    BtxZJRPT0ifQ==", "b64d:", "jd:", "array:", "swap:", "ap:", "2dup:  
    ", "acdwa:", "over:", "HF0", "bv:", "a_cmd", "gbv:", "HF0", "i:", "0",  
    "i:", "h_f0", "usa:", "je:", "dup:", "hbp", "2", "pick:", "array:", "swap  
    : ", "r", "apk:", "isodt:", "t", "apk:", "dup:", "je:", "dup:", "hbp", "2", "pick:  
    " "swap:", "h", "apk:", "gbv:", "HF0", "i:", "swap:", "ap:", "je:",  
    "ON", "ECHO", "bv:", "dup:", "dup:", "ec:", "hbp", "9", "pick:", "sw  
    ap:", "2", "msss:", "w:", ""]}, 1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4  
=> 'lcdw:', 5 => 'B_AUTH1', ), 1 => 'Graph/dmeta/  
BYRAtdTkFw==', 2 => array ( 0 => array ( 'a_cmd' => array ( 0 => 's:', 1 => ' ', ), 't_f0' => '2026-01-22T09:30:02.339Z',  
    'h_f0' => 'HbCT0Pm_2Q==', ), ), 3 => 'Graph/dmeta/  
BYRAtdTkFw==', )  
[{'a_cmd':  
    ['s:', ''], 't_f0': '2026-01-22T09:30:02.339Z', 'h_f0': 'HbCT0  
    Pm_2Q=='}, {"r": "Graph/dmeta/  
BYRAtdTkFw==", "t": "2026-01-22T17:30:02.444+0000", "h":  
    "BNQgJcsdnA=="}]
```

Don't allow 866196a35a9f.ngrok-free.app to prompt
you again

OK



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

```
adam array(1) { ["nn"]=> string(4  
session_id:bt4ubagm065l1d1ui3  
session_id:bt4ubagm065l1d1ui3
```

PHOS

Make user directory
using hash of public key

Omnistar Search Demo

Copy

adam

: B

f:ser

1602

fgl_s

["SE

4 =>

mkdir: s: x:

AUTH

GenKeys

SEND

GET

```
fgl_s 345 < 2 > array ( 0 => array ( 0 => '{"B AUTH":
```

Like

```
hongwu@hongwu-Latitude-5480: /var/www/dmeta/o/auth/Graph/dmeta
hongwu@hongwu-Latitude-5480: ~      x  hongwu@hongwu-Latitude-5480: /var/www/d...  x  hongwu@hongwu-Latitude-5480: /var/www/d...  x  hongwu@hongwu-Latitude-5480: /var/www/d...
total 12
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:12 'Hzn18Vs0lg=='
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:10 'Hhj3wWn00A=='
-rw-r--r-- 1 www-data www-data 618 Jan 22 15:09 'GUD2koxhKQ=='
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ cat BYRAtdTkFw\=|=Hzn18Vs0lg\=|= ;echo
{"t": "2026-01-22T07:12:52.930Z", "m": "like", "c": "<h4 id=\"solution-for-truly-decentralised-internet\">\u2013 Solution for Truly Decentralised Internet<a class=\"anchorjs-link\" href=\"#solution-for-truly-decentralised-internet\" aria-label=\"Anchor\" data-anchorjs-icon=\"\ue9cb\" style=\"font: 1em / 1 anchorjs-icons; padding-left: 0.375em;\"></a></h4>", "x": "search", "u": {"href": "https://omnixtar.github.io/I3P/"}, "origin": "https://omnixtar.github.io", "protocol": "https:", "host": "omnixtar.github.io", "hostname": "omnixtar.github.io", "port": "", "pathname": "/I3P/", "search": "", "hash": ""}}
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ ls -lt|head
total 1312
drwxr-xr-x 2 www-data www-data 4096 Jan 22 15:51 BYRAtdTkFw==
drwxr-xr-x 2 www-data www-data 4096 Jan 21 11:49 HQGlKYk-Iw==
drwxr-xr-x 2 www-data www-data 4096 Jan 20 19:36 CvtRbggXmg==
drwxr-xr-x 2 www-data www-data 4096 Jan 19 10:24 EpcRZI3TRA==
drwxrwxr-x 2 hongwu www-data 4096 Jan 19 02:16 Bfh-Hvi1Xg==
drwxr-xr-x 2 www-data www-data 4096 Jan 18 14:49 Bl9jc9sz2A==
drwxr-xr-x 2 www-data www-data 4096 Jan 18 03:15 GxobBR101w==
drwxr-xr-x 2 www-data www-data 4096 Jan 16 16:19 DascI1juQQ==
-rw-r--r-- 1 www-data www-data 97 Jan 16 15:58 1omyUgD8
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$
```



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

```
adam array(1) { ["nn"]=> string(4  
session_id:bt4ubagm065l1d1ui3  
session_id:bt4ubagm065l1d1ui3
```

PHOS

Omnistar Search Demo

Copy

adam

```
f(): B  
f:ser  
mkdir: s: x:
```

1602

fgl_s

["SE

4 =>

AUTH

GenKeys

SEND

GET

```
fgl_s 345 < 2 > array ( 0 => array ( 0 => '{"B AUTH":
```

Like



I3P: <iframe> + I2P Invisible Internet

– Solution for Truly Decentralised Internet

⊕ 866196a35a9f.ngrok-free.app

```
WWk1cGJ5OUpNMUF2SWl3aWlZnBaMmx1SWpvaWFIUjBj
SE02THk5dmJXNXBlSFJoY2k1bmFYUm9kV01YYVc4aUxDS
ndjbTkWYjODmJDSTZJbWgwZEhCek9pSXNJbWh2YzNRa
U9pSnZivzVwZUhSaGNpNW5hWFJvZFdJdWFxQGlMQ0pvY
jNOMGJtRnRaU0k2SW05dGJtbDRkR0Z5Tg1kcGRHaDFZaT
VwYnUculoQnZjblFpT2LjaUxDsndZWFJvYm1GdFpTSTZJaT
KTTFBdklpd2ljMzoY210b0lqb2uaXdpYUdGemFDSTZJaU
o5ZLE9PSlsmI2NGQ6liwihamQ6liwiZhvWvOislmMiLCJpOisI
ml2NGQ6liwiYyislmFwaoiLCjqZToiLCjkdXA6liwihamQ6liwi
MiiislBpY2s6liwic3dhcDoiLClyliwibXNzczoilCJ3Oislm1rZG
lyIslnM6iwiOyJdLCJ0X2YwljoiMjAyNi0wMS0yMlQwOTo
zMjozOS4wNjaliwihamQ9mMC161khksGJia3Y3VUE9PSJ9,"b6
4d:,"jd:","array:","swap:","ap:","2dup:","acdwa:","over:","HF
0:","bv:","a_cmd:","gbv:","HFO:","i:","0:","i:","h_f0:","usa:","je:",
"dup:","hbp:","2:","pick:","array:","swap:","r:","apk:","isodt:","t
:","apk:","dup:","je:","dup:","hbp:","2:","pick:","swap:","h:","ap
k:","gbv:","HFO:","i:","swap:","ap:","je:","ON","ECHO","bv:","d
up:","dup:","ec:","hbp:","9:","pick:","swap:","2:","msss:","w:","");
"]},1=>'jd: ',2=>'cdw: ',3=>'am: ',4=>'lcdw: ',5=>
'B_AUTH1:'),1=>'Graph/dmeta/BYRAtdTkFw==',2=>
'array (0 => array ('a_cmd' => array (0 =>
'eyJ0lioMjAyNi0wMS0yMlQwOTozMjozOS4wNjValiwbSI6I
mZyb21fcGfyZW50XzlwMjYwMTewX2J1dHRvbilsmMiOij
QR2cwSudsas1BTsXrjMjlzFhScGlyNHRabTl5TfhSeWRxeD
VMV1JswTJwdWRlsmhiR2x6WldRdGFxNTBaWEp1WlhRa
VB15OfreUJUYjJ4MWRHbHZiaUJtYjNJZ1ZjSjFisGtnUkdWal
pxNTBjbUzzYvhObpDQkpbilUsY201bGREeGhJR05zWVh
OelBTSmhfbU5vYjNkcWN5MXNhVzVysUNJZ2FISmxajBpS
XkxemlyeDFkr2x2YmkxbWlzsxrkSEoxYkhrdFphVmpaVzU
wy21Gc2FYTmxaQzFwYm5sBGNtNWkkQ0lnWVhKcFlTMX
NZV0psYkQwaVFxnWphRz5SWlCa1lYUmhMV0Z1WTJod
mNtcHpmv2xqYji0OUl1Nm5peUlnYzNSNWJHVTJbVp2Ym
```

OK

{"B_AUTH":

Like



hongwu@hongwu-Latitude-5480: /var/www/dmeta/o/auth/Graph/dmeta



```
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:51 'FcSSP_buqA=='  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:21 'E9wHrPZbIA=='  
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:16 'CFkif5lnhg=='  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:16 'HBJa8olJPw=='  
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:16 'ASE2NFkzjA=='  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:16 'EpJddpwiPA=='  
-rw-r--r-- 1 www-data www-data 618 Jan 22 15:16 'Hk27YiUtuA=='  
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:15 'CemDL02Hfw=='  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:15 'AYbzYeZcdQ=='  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:12 'Hzn18Vs0lg=='  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:10 'Hhj3wWn0OA=='  
-rw-r--r-- 1 www-data www-data 618 Jan 22 15:09 'GUD2koxhKQ=='
```

hongwu@hongwu-Latitude-5480: /var/www/dmeta/o/auth/Graph/dmeta\$ ls -lt BYRAtdTkFw\=\=|head

total 52

```
-rw-r--r-- 1 www-data www-data 618 Jan 22 17:32 Gg-6Vx8ANQ==  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:51 FcSSP_buqA==  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:21 E9wHrPZbIA==  
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:16 CFkif5lnhg==  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:16 HBJa8olJPw==  
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:16 ASE2NFkzjA==  
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:16 EpJddpwiPA==  
-rw-r--r-- 1 www-data www-data 618 Jan 22 15:16 Hk27YiUtuA==  
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:15 CemDL02Hfw==
```

hongwu@hongwu-Latitude-5480: /var/www/dmeta/o/auth/Graph/dmeta\$



hongwu@hongwu-Latitude-5480: /var/www/dmeta/o/auth/Graph/dmeta

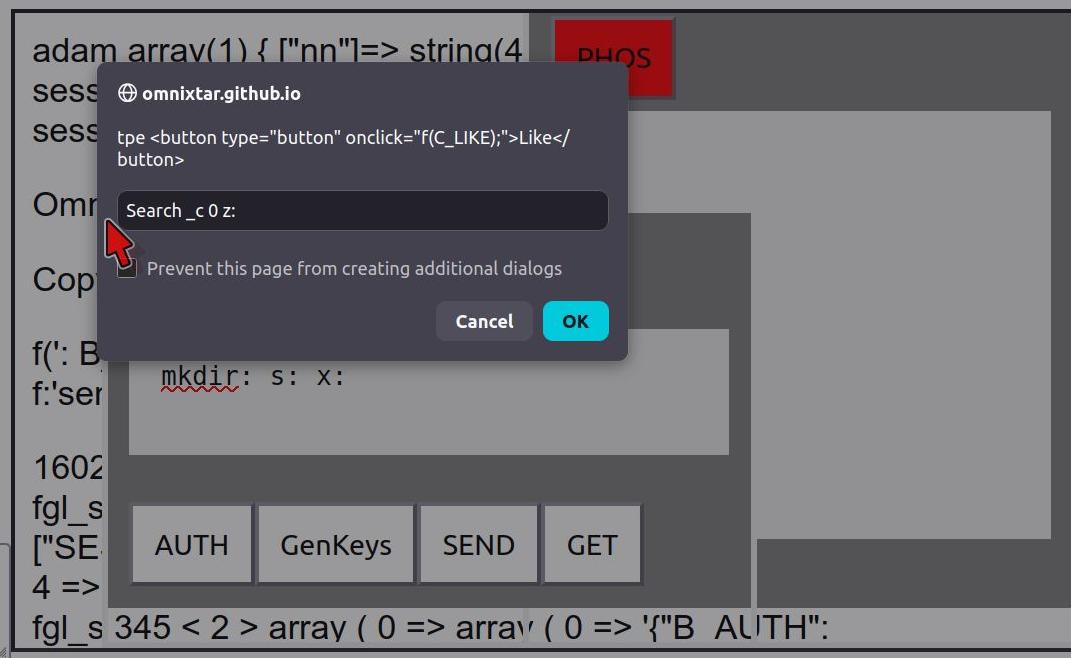


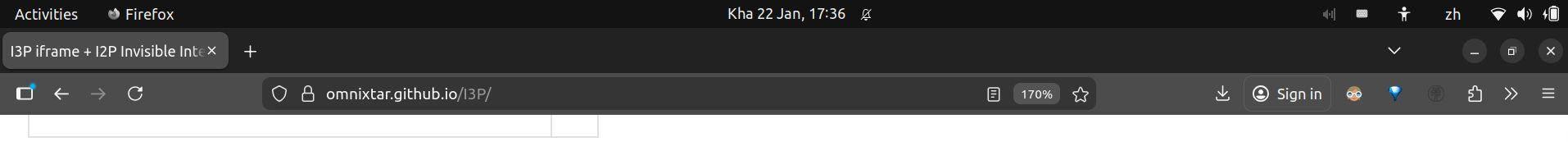
```
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:12 'Hzn18Vs0lg=='
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:10 'Hhj3wWn0OA=='
-rw-r--r-- 1 www-data www-data 618 Jan 22 15:09 'GUD2koxhKQ=='
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ ls -lt BYRAtdTkFw\=\=|\=/|head
total 52
-rw-r--r-- 1 www-data www-data 618 Jan 22 17:32 Gg-6Vx8ANQ==
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:51 FcSSP_buqA==
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:21 E9wHrPZbIA==
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:16 CFkif5lnhg==
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:16 HBJa8olJPw==
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:16 ASE2NFkzjA==
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:16 EpJddpwPA==
-rw-r--r-- 1 www-data www-data 618 Jan 22 15:16 Hk27YiUtuA==
-rw-r--r-- 1 www-data www-data 1150 Jan 22 15:15 CemDL02Hfw==
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ cat BYRAtdTkFw\=\=|\=/Gg-6Vx8ANQ\=\= ;echo
{"t": "2026-01-22T09:32:39.065Z", "m": "from_parent_20260110_button", "c": "<h4 id=\"solution-for-truly-decentralised-internet\">\u2013 Solution for Truly Decentralised Internet<a class=\"anchorjs-link\" href=\"#solution-for-truly-decentralised-internet\" aria-label=\"Anchor\" data-anchorjs-icon=\"\ue9cb\" style=\"font: 1em / 1 anchorjs-icons; padding-left: 0.375em;\"></a></h4>", "x": "like", "u": {"href": "https://omnixtar.github.io/I3P/", "origin": "https://omnixtar.github.io", "protocol": "https:", "host": "omnixtar.github.io", "hostname": "omnixtar.github.io", "port": "", "pathname": "/I3P/", "search": "", "hash": ""}}
```

I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

Add “Search” button





I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

The screenshot shows a user interface for the I3P project. At the top right is a red button labeled "PHOS". Below it is a yellow button labeled "Copy". In the center, there is a search input field containing the text "mkdir: s: x:". To the left of the search field is a "Copy" button. At the bottom, there are four buttons labeled "AUTH", "GenKeys", "SEND", and "GET". The background features a dark grey theme with some white and yellow text. The overall design is minimalist and modern.

adam array(1) { ["nn"]=> string(4)
session_id:bt4ubagm065l1d1ui3
session_id:bt4ubagm065l1d1ui3

Omnistar Search Demo

Copy adam

f(): B
f:ser

1602

fgl_s

["SE

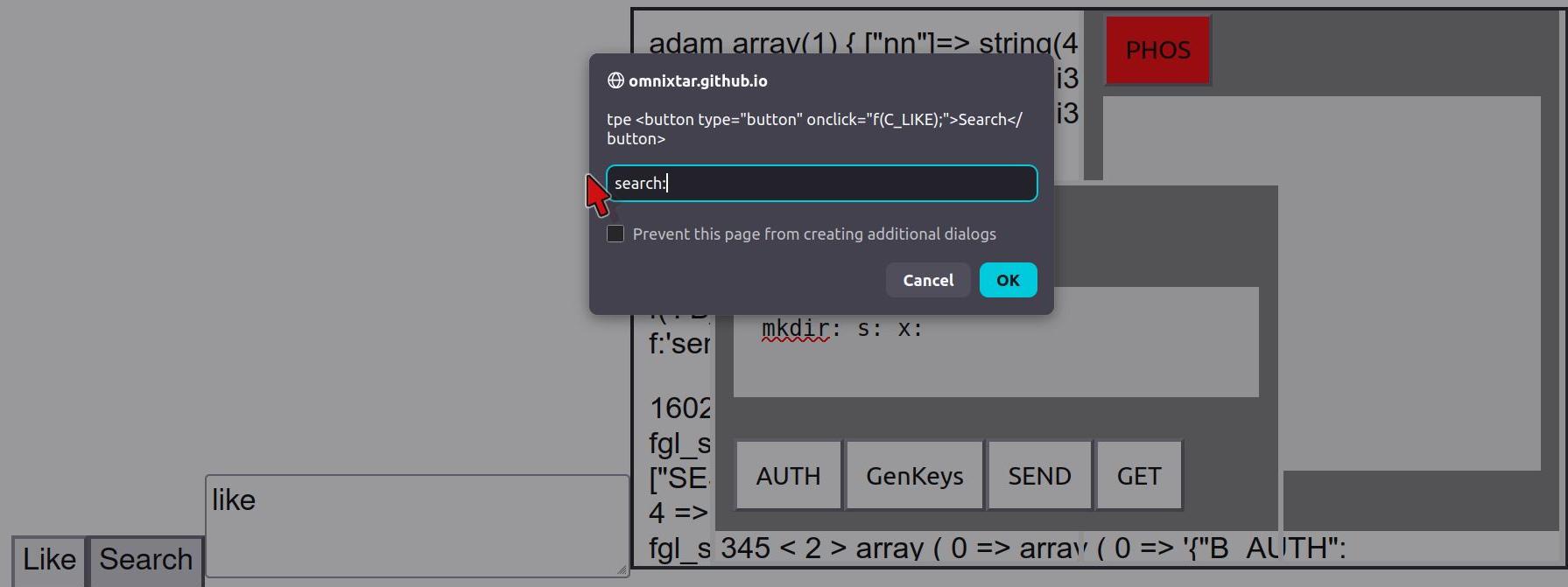
4 =>

fgl_s 345 < 2 > array (0 => array (0 => {"B AUTH":

Like Search

I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet



I3P: <iframe> + I2P Invisible Internet

– Solution for Truly Decentralised Internet

⊕ 866196a35a9f.ngrok-free.app

tNWxkRHhoSUdOc1lYTnpQU0poYm1Ob2lzSnFjeTFzYVc1c
k1DSWdhSEpsWmwau1SMXpiMngxZEdsdnJpMW1iM0l0Z
EhKMWJla3RaR1ZqWlc1MGNTRnNhWE5sWkMxcGJuUmxjb
TVsZENJZ1lYSnBZUzFzWVdKbGJEMGIRVzVqYUc5eUlpQmt
ZWfj0TFdGdVkyahZjXB6TFdsamlyNDIJdTzuaXLJZ2MzUj
ViR1U5SW1admJuUTZJREZsYlNBdklERWdZvVqYUc5eWF
uTXRhu052Ym5NN0lQmhaR1JwYm1jdGJHvm1kRG9nTU
M0ek56VmxiVHNpUGp3dlUNdHMmcwUGc9PSlsingiOijz
ZWfjY2gilCJ1Jp7lmhyZWYi0iJodHRwczoVl29tbml4dGFy
LmdpdGh1Yi5pbY9JM1Avliwib3JpZ2lujoiaHR0cHM6Lyvb
W5peHRhc5naXRodlwuaW8iLCJwcm90b2NvbCl6Imh0dH
BzOilsRhvc3QiOjvbW5peHRhc5naXRodlwuaW8iLCJob3
N0bmFtZSI6lm9tbml4dGFyLmdpdGh1Yi5pbYlsInBvcnQiOili
LCJwYXRobmFtZSI6l19JM1Avliwic2VhcmNojoiiwiaGFzaCI
6liJ9fQ==" , "b64d": "jd": "dup": "c": "i": "b64d": "c": "apk": "je:
", "dup": "hbp": "2": "pick": "swap": "2": "msss": "w": "like": "g_
x": "v": "t": "fo": "2026-01-22T09:37:52.503Z", "h_fo": "HAbzozA-
mw=="}, {"r": [{"Graph": "\/vmeta\\BYRAtdTkFw==\\
C4yg6hRF0w==:1:\\\"t\\\"\\\"2026-01-22T09:37:52.502Z\\\",
\\\"m\\\"\\\"like\\\"\\\"c\\\"\\\"
<h4 id=\\\"solution-for-truly-decentralised-internet\\\">\\u2013 Solution for Truly Decentralised Internet<\\a><\\h4>\\\"x\\\"\\\"search\\\"\\\"u\\\".\\\"href\\\"\\\"https://\\u2022\\u2022\\u2022omnixtar.github.io\\\"\\\"I3P\\\"\\\",\\\"origin\\\"\\\"https://\\u2022\\u2022\\u2022omnixtar.github.io\\\"\\\"protocol\\\"\\\"https://\\\"\\\"host\\\"\\\"omnixtar.github.io\\\"\\\"hostname\\\"\\\":

Don't allow 866196a35a9f.ngrok-free.app to prompt you again

OK

(4
i3
i3

PHOS

D GET

Inspector Debugger Console Network Style Editor Performance » ⓘ Requests

Filter Output Errors Warnings Info Logs Debug CSS XHR Requests

VM PHOS

2 libphosm.js:1245:33

⚠ Unknown property '\\\"font'. Declaration dropped.

o:1:10

990 after FGLA [["phos", 0, {}]]

libphosm.js:1038:25

» s[36] 

← '[{"a_cmd":

```
[ "eyJ0IjoiMjAyNi0wMS0yMlQwOTozNzo1Mi41MDJaIiwibSI6Imxpa2UiLCJjIjoiUEdnMElhBgtQU0l0YzI5c2RYUnBiMjR0Wm05eUxYUnlkV3g1TFdSbFkyVnVkSEpoYkdseplXURhVzUwlhKdVpYUwlQdUtBa3lCVGIyeDFkR2x2YmlCbWIzSwdWSeoxYkhrZ1JHvmpaVzUwY21Gc2FYTmxaQ0JKYm5SbGntNwxkRHhoSUd0c1LYTpQU0poYm10b2IzSnFjeTFzYVc1cklDSWdhSEpsWmowaUl5MXpiMngxZEsdmJpMW1iM0l0ZEhKMWJIa3RaR1ZqWlc1MGntRnNhWE5sWkMxcGJuUmxjbTVsZENJZ1lYSnBZUzFzWvdKbGJEMG1RVzVqYUc5eUlpQmtZWfJotFdfGdvkyahZjbXB6TFdsamIyNDLJdTZuaXlJZ2MzUjViR1U5SW1admJuUTZJREZsYlNBdkLERWdZVzVqYUc5eWFuTXRhV052Ym5NN0lIQmhaR1JwYm1jdGJHVm1kRG9nTUM0ek56VmxiVHNpUGp3dllUNDhMMmcwUGc9PSIsIngi0iJzZWfY2giLCJ1Ijp7ImhyZWYi0iJodHRwcovL29tbml4dGFyLmdpdGh1Yi5pby9JM1AvIiwib3JpZ2luIjoiaHR0cHM6Ly9vbW5peHRhcis5naXRodWIuaW8iLCJwcm90b2NvbCI6Imh0dHBz0iIsImhvc3Qi0iJvbW5peHRhcis5naXRodWIuaW8iLCJob3N0bmFtZSI6Im9tbml4dGFyLmdpdGh1Yi5pbyIsInBvcnQi0iIiLCJwYXRobmFtZSI6Ii9JM1AvIiwic2VhcmNoIjoiIwiagFzaCI6IiJ9fQ==", "b64d:", "jd:", "dup:", "c", "i:", "b64d:", "c", "apk:", "je:", "dup:", "hbp", "2", "pick:", "swap:", "2", "msss:", "w:", "like", "g_x", ";"], "t_f0": "2026-01-22T09:37:52.503Z", "h_f0": "HAbzoZA-mw=="}, {"r": ["Graph\\dmeta\\BYRAtdTkFw==\\C4yq6hRf0w==:1:{\\t\\:\\\\2026-01-22T09:37:52.502Z\\,\\m\\:\\\"like\\\",\\c\\:\\\"

#### <a class=\\\\\"anchorjs-link \\\\ href=\\\\\"#-solution-for-truly-decentralised-internet\\\\\\\" aria-label=\\\\\"Anchor\\\\\\\" data-anchorjs-icon=\\\\\\\"ue9cb\\\\\\\" style=\\\\\\\"font: 1em \\\\\\\" 1 anchorjs-


```

» s[36]

https://866196a35a9f... ↻

← '[{"a_cmd": ["eyJ0IjoiMjAyNi0wMS0yMlQwOTozNzo1Mi41MDJaIiwibSI6Imxpa2UiLCJjIjoiUEdnMElhBgtQU0l0YzI5c2RYUnBiMjR0...

Inspector Debugger Console Network Style Editor Performance » 1

Filter Output Errors Warnings Info Logs Debug CSS XHR Requests

```
\\\\\\\\\" href=\"\\\\\\\\\"#-solution-for-truly-decentralised-internet\\\\\\\\\" aria-label=\"\\\\\\\\\"Anchor\\\\\\\\\" data-anchorjs-icon=\"\\\\\\\\\"\\ue9cb\\\\\\\\\" style=\"\\\\\\\\\"font: 1em / 1 anchorjs-icons; padding-left: 0.375em;\\\"><\\\\\\\\\\a><\\\\\\\\\\h4>\\\",\\\"x\\\":\\\"search\\\",\\\"u\\\":{\\\"href\\\":\\\"https:\\\\\\\\\\\\\\omnixtar.github.io\\\\\\\\I3P\\\\\\\\\\\",\\\"origin\\\":\\\"https:\\\\\\\\\\\\\\omnixtar.github.io\\\\\\\\\\\",\\\"protocol\\\":\\\"https:\\\\\\\\\",\\\"host\\\":\\\"omnixtar.github.io\\\\\\\",\\\"hostname\\\":\\\"omnixtar.github.io\\\\\\\",\\\"port\\\":\\\"\\\\\\\",\\\"pathname\\\":\\\"\\\\\\\\\\\\\\\\I3P\\\\\\\\\\\\\\\",\\\"search\\\":\\\"\\\\\\\",\\\"hash\\\":\\\"\\\\\\\"}}\\\",\\\"Graph\\\\dmeta\\\\BYRAtdTkFw==\\\\HBJa8olJPw==:1:{\\\"t\\\":\\\"2026-01-22T07:16:36.645Z\\\",\\\"m\\\":\\\"like\\\",\\\"c\\\":\\\"

#### 


```

```
» JSON.parse( JSON.parse( s[36] )[1].r[0].split(":1:")[1] )   
← ► Object { t: "2026-01-22T09:37:52.502Z", m: "like", c: '<h4 id="-solution-for-truly-decentralised-internet">

#### ></a></h4>', x: "search", u: {...} }


```

>>

https://866196a35a9f... 

hongwu@hongwu-Latitude-5480: /var/www/dmeta/o/auth/Graph/dmeta

```
total 12
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:12 'Hzn18Vs0lg=='
-rw-r--r-- 1 www-data www-data 597 Jan 22 15:10 'Hhj3wWn00A=='
-rw-r--r-- 1 www-data www-data 618 Jan 22 15:09 'GUD2koxhKQ=='
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ cat BYRAtdTkFw\=\\=/Hzn18Vs0lg\\=\\= ;echo
{"t":"2026-01-22T07:12:52.930Z","m":"like","c":<h4 id="-solution-for-truly-decentralised-internet"\>\u2013 Solution for Truly Decentralised Internet<a class="anchorjs-link" href="#-solution-for-truly-decentralised-internet" aria-label="Anchor" data-anchorjs-icon="\ue9cb" style="font: 1em / 1 anchorjs-icons; padding-left: 0.375em;"></a></h4>","x":"search","u":{"href":"https://omnitar.github.io/I3P/","origin":"https://omnitar.github.io","protocol":"https:","host":"omnitar.github.io","hostname":"omnitar.github.io","port":"","pathname":"/I3P/","search":"","hash":""}}
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ ls -lt|head
```

Hash Filesystem (HFS): Directory name is hash of public key (User Identifier)

Dual chained properties replace many (all?) database functionalities?

- chained strings: hashcodes can be chained (concatenated) with strings
 - chained functions (hash of a string is a string)

$$H(s) \rightarrow s, H(H(s)) \rightarrow s, \dots, H^n(s) \rightarrow s$$

-rw-r--r-- 1 www-data www-data 97 Jan 16 15:58 1omyUqd8

hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta\$

Dual chained properties replace many (all?) database functionalities?

- chained strings: hashcodes can be chained (concatenated) with strings
- chained functions (hash of a string is a string)

$H(s) \rightarrow s, H(H(s)) \rightarrow s, \dots, H^n(s) \rightarrow s$

Example: `h_f0` in ajax response

Reason for lightweight “FORTH card computer” implementation →
– so “database-less”

```
MDEtMjJUMDk6MzA6MDluMzM5WiSlmhfZjAiOjIYkNUMF
BtxZJRP0ifQ==", "b64d:", "jd:", "array:", "swap:", "ap:", "2dup:
", "acdwa:", "over:", "HF0", "bv:", "a_cmd", "gbv:", "HF0", "i:", "0",
"i:", "h_f0", "usa:", "je:", "dup:", "hbp", "2", "pick:", "array:", "swap
:", "r:", "apk:", "isodt:", "t:", "apk:", "dup:", "je:", "dup:", "hbp", "2", "
pick:", "swap:", "h:", "apk:", "gbv:", "HF0", "i:", "swap:", "ap:", "je:",
"ON", "ECHO", "bv:", "dup:", "dup:", "ec:", "hbp", "9", "pick:", "sw
ap:", "2", "msss:", "w:", ""]}, 1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4
=> 'lcdw:', 5 => 'B_AUTH1'), 1 => 'Graph/dmeta/
BYRAtdTkFw==', 2 => array (0 => array ('a_cmd' => array (
0 => 's:', 1 => 't_f0' => '2026-01-22T09:30:02.339Z',
'h_f0' => 'HbCT0Pm_2Q=='), ), 3 => 'Graph/dmeta/
BYRAtdTkFw==', ) )
[{"a_cmd": [
["s:", ":"], "t_f0": "2026-01-22T09:30:02.339Z", "h_f0": "HbCT0
Pm_2Q=="], {"r": "Graph/dmeta/
BYRAtdTkFw==", "t": "2026-01-22T17:30:02.444+0000", "h": "
BNQgJcsdnA=="}]
```

Don't allow 866196a35a9f.ngrok-free.app to prompt you again

OK

fgl_s 345 < 2 > array (0 => array (0 => '{"B AUTH":



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

Like
Hello World

Right-click on Like button

omnistart()

iframe I2P i3p()

iframe ngrok ngrok()



Omni*Web

I3P: <iframe> + I2P Invisible Inte

– Solution for Truly Decentralised Intern

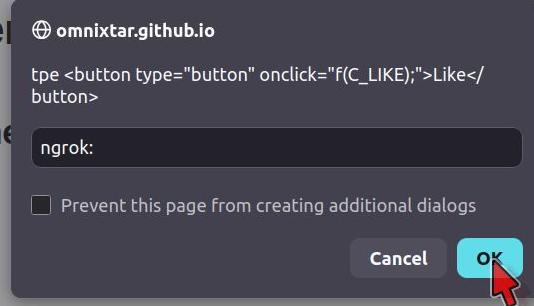
Like

Hello World

omnistart()

iframe I2P i3p()

iframe ngrok ngrok()



**Code** Blame

Raw



```
1   <script>
2     console.log("hello oxdoc")
3     function ngrok(){
4       S0.B0=t() // assign Like button or whatever clicked to S0.B0
5       f("dup: iframe iace: dup: iate:")
6       f("dup: nes:")
7       S0.T0=t()
8       f("nes:")
9       alert("hello i3p iframe i2p loading ..."+t().outerHTML)
10      var VM=t()
11      // https://866196a35a9f.ngrok-free.app
12      VM.src="https://866196a35a9f.ngrok-free.app/o/?nn=adam"
13      VM.width="500"
14      VM.height="300"
15      S0.V0=VM
16      f("S0.B0 ev: like:")
17    }
18    function i3p(){
```



Activities Google Chrome Kha 22 Jan, 18:48 zh

omnixtar.github.io/l3P/ omnixtar.github.io/_incl/+
github.com/omnixtar/omnixtar.github.io/blob/main/_includes/logo.html Ask Google

main [omnixtar.github.io / _includes / logo.html](#) ↑ Top

Code Blame Raw

```
21         f("dup: nes:")
22         S0.T0=t()
23         f("nes:")
24         alert("hello i3p iframe i2p loading ..."+t().outerHTML)
25         var VM=t()
26         VM.src="https://yo6sgmfv7pfvvp2e4kcuuhjtf7wfltt63igwcukhbmum6lu3a3a.b32.i2p/o/?nn=adam"
27         VM.width="500"
28         VM.height="300"
29         S0.V0=VM
30         f("S0.B0 ev: like:")
31     }
32     function f_i3p(){i3p()}
33     function f_ngrok(){ngrok()}
34 </script>
35
36     <!-- current directory as per URL last directory
37     e.g. ....OMHG so must use ../../js and ../../h
```



main ▾

omnixtar.github.io / h / Phos / libphos.js

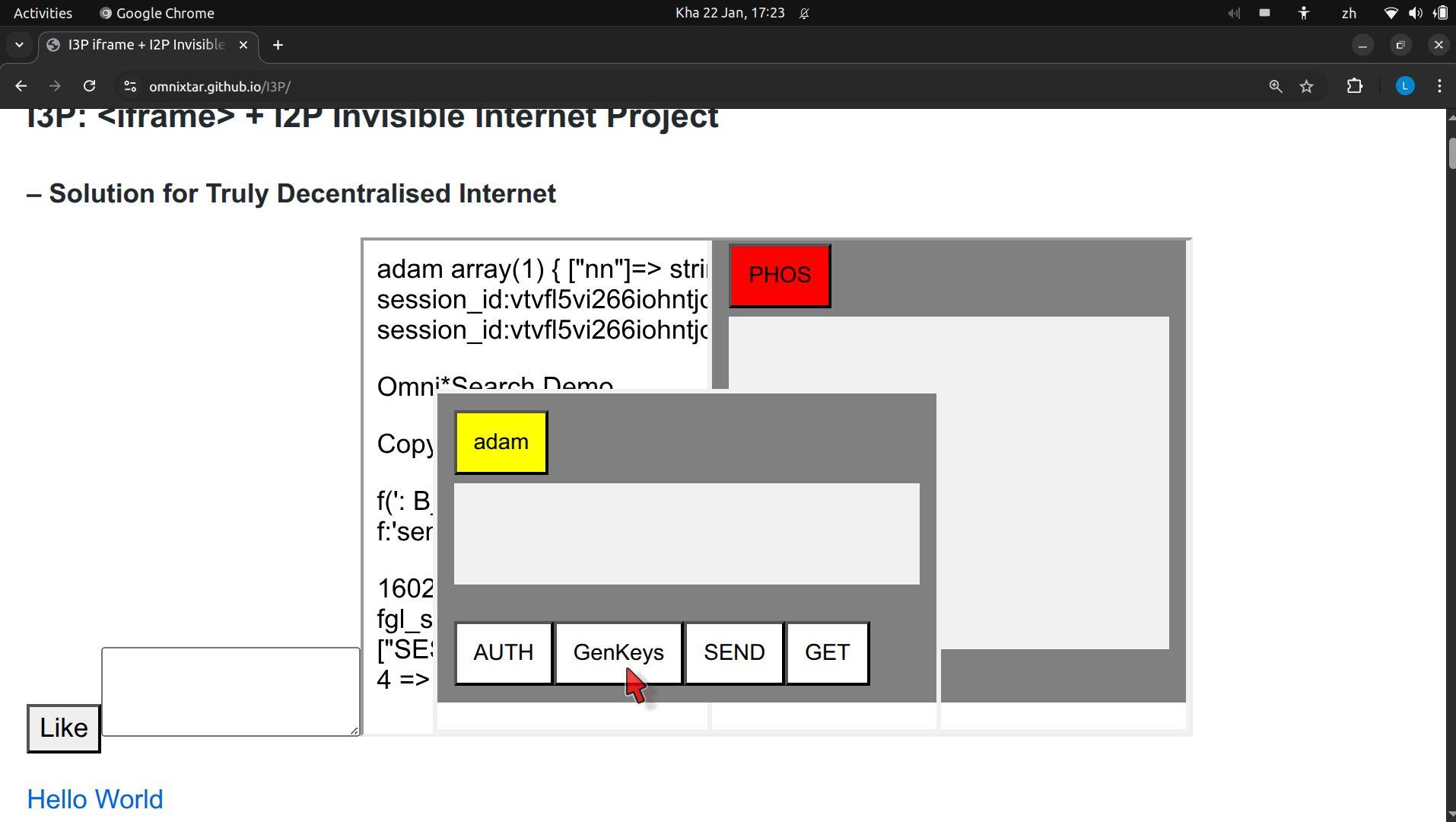
↑ Top

Code Blame

Raw

▼

<>



Activities Text Editor Kha 22 Jan, 18:56

Open Save

gui_dsc.js
/var/www/dmeta/o/Phos

f_t.js i3p.js init.js gui_dsc.js

```
45 S0.dlb.NN = S0.dlb[get_param.nn];
46 S0.dlb.NN[1].style.minHeight = '50px';
47 d_form = S0.dlb.NN[0];
48
49 // 2023-02-05 AUTH button triggers A_AUTH CDW
50 S.push(document.createElement('button'));
51 S.push(document.createTextNode('AUTH'));
52 n = S.length - 2;
53 d_form.append(S[n]);
54 S[n].append(S[n + 1]);
55 S[n].className = 'form-container btn';
56 S[n].onclick = function () {
57     alert('Authenticate!');
58     M.F('A_AUTH');
59 };
60
61 // 2023-02-05 GenKeys
62 S.push(document.createElement('button'));
63 S.push(document.createTextNode('GenKeys'));
64 n = S.length - 2;
65 d_form.append(S[n]);
66 S[n].append(S[n + 1]);
67 S[n].className = 'form-container btn';
68 S[n].onclick = function () {
69     M.F('GenKeys');
```

JavaScript Tab Width: 2 Ln 51, Col 3 INS

Activities Text Editor Kha 22 Jan, 18:57 zh

Open f_t.js i3p.js init.js gui_dsc.js libphosm.js Save

// define _ in console or elsewhere:
1732 // B: only accepts 2 args B_F back end function and F_O output function
1733 // so must modify arg2 : F_P do something F_O
1734 M.F(' : AJAXP B: B_F F_P ;');
1735
1736 // Decentralized User Centric DU = Duniix
1737
1738 // colon definition AUTH button
1739 // M.F(' : B_AUTH '+localStorage.getItem("sid") +' ssid: SESSION: AUTH i: s: ; : A_AUTH B: B_AUTH F_O ;');
1740 M.F(' : B_AUTH SESSION: AUTH i: s: ; : A_AUTH B: B_AUTH F_O ;');
111
1742 **function** _S(VM) {
1743 **return** _.VM[VM].S;
1744 }
1745 _.S = _S;
1746 **function** _VM(VM) {
1747 **return** _.VM[VM];
1748 }
1749 _.VM = VM;
1750 _.s = M.S;
1751 _.f = M.F;
1752 _.p = **function** (a) {
1753 s.push(a);
1754 };

JavaScript Tab Width: 2 Ln 1754, Col 1 IN5



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

```
adam array(1) { ["nn"]=> string(4  
session_id:bt4ubagm065l1d1ui3  
session_id:bt4ubagm065l1d1ui3
```

PHOS

Omnistar*Search Demo

Copy adam

f(): B
f:ser
mkdir: s: x:

1602

fgl_s

["SE

4 =>

fgl_s 345 < 2 > array (0 => array (0 => '{"B AUTH":

AUTH

GenKeys

SEND

GET

libfgl.php

Save 

`f_t is` `x` `i3p is` `x` `init is` `x` `qui_dsc is` `x` `libphosm is` `x` `libfql.php`

```
1882 }
1883 function fgl_fe()
1884 {
1885     global $S;
1886     $S[] = file_exists(array_pop($S));
1887 }
1888 function fgl_mkdir()
1889 {
1890     global $S;
1891     $a=array_pop($S);
1892     // echo __FUNCTION__." ".$a." ";
1893     mkdir($a, 0777, true);
1894     // mkdir(array_pop($S));
1895 }
1896 function fgl_glob()
1897 {
1898     global $S;
1899     $S[] = glob(array_pop($S));
1900 }
1901 function fgl_chdir()
1902 {
1903     global $S;
1904     $S[] = chdir(array_pop($S));
1905 }
1906 function fgl_nop()
```



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

```
adam array(1) { ["nn"]=> string(4  
session_id:bt4ubagm065l1d1ui3  
session_id:bt4ubagm065l1d1ui3
```

PHOS

Omnistar*Search Demo

Copy adam

f(): B
f:ser
mkdir: s: x:

1602

fgl_s

["SE

4 =>

fgl_s 345 < 2 > array (0 => array (0 => '{"B AUTH":

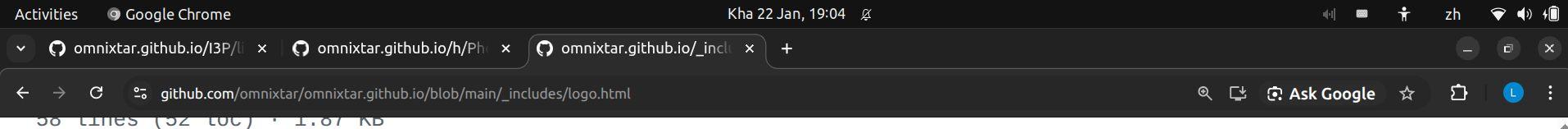
AUTH

GenKeys

SEND

GET

Like



Code

Blame

Raw



```
1 <script>
2     console.log("hello oxdoc")
3     function ngrok(){
4         S0.B0=t() // assign Like button or whatever clicked to S0.B0
5         f("dup: iframe iace: dup: iate:")
6         f("dup: nes:")
7         S0.T0=t()
8         f("nes:")
9         alert("hello i3p iframe i2p loading ..."+t().outerHTML)
10    var VM=t()
11    // https://866196a35a9f.ngrok-free.app
12    VM.src="https://866196a35a9f.ngrok-free.app/o/?nn=adam"
13    VM.width="500"
14    VM.height="300"
15    S0.V0=VM
16    f("S0.B0 ev: like:")
17 }
```



s

index.md I3P

i3p-only.md

logo.html

JS libi3p.js



JS libi3p.js (工作树)

↳ ir □ ...



I3P > JS libi3p.js > ...



...



```
75
76 // assign like action to element
f_like=function(){s.pop().onclick=function(){s.push(this);s.push(t());
parentElement.previousElementSibling.outerHTML};f("now:");t0=s.pop();document.
querySelectorAll('iframe')[0].contentWindow.postMessage(JSON.stringify({t:t0,
m:'from_parent_20260110_button',c:utf8_to_b64(t()),x:"like",u:window.
location}),"*")}

77
78 // S0.B1 assign post action to element
f_post=function(){s.pop().onclick=function(){s.push(this);s.push(t());
parentElement.previousElementSibling.outerHTML};f("now:");t0=s.pop();S0.V0.
contentWindow.postMessage(JSON.stringify({t:t0,m:S0.T0.value,c:utf8_to_b64(t()
)),x:"post",u:window.location}),"*")}

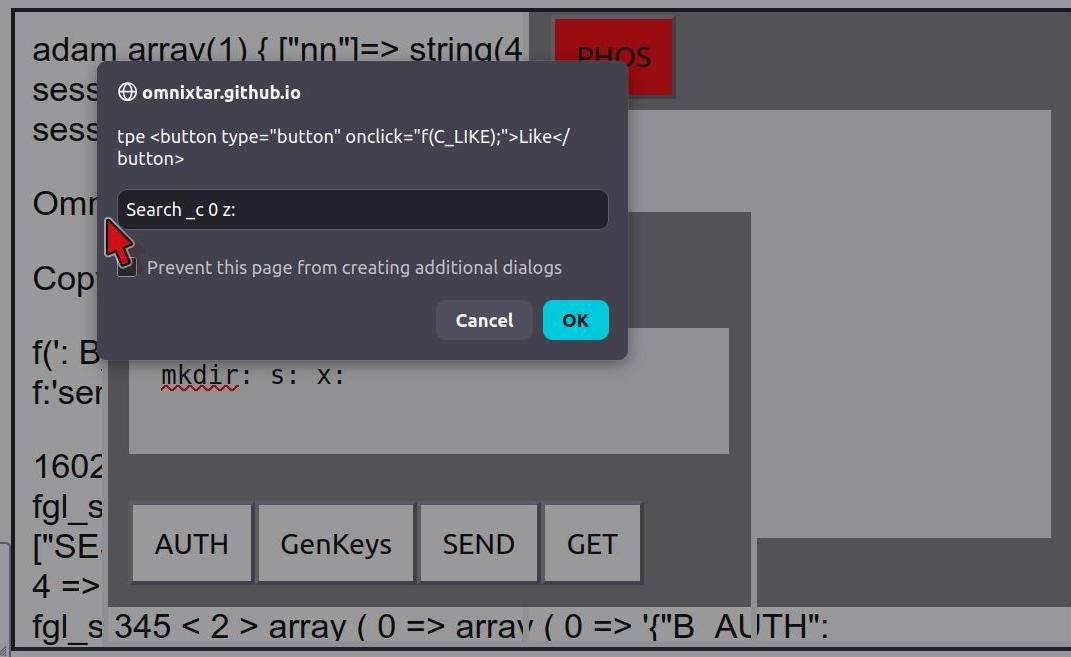
79
80
81
82 // share: just use u field as target, don't need anything else
f_share=function(){s.pop().onclick=function(){s.push(this);s.push(t());
parentElement.previousElementSibling.outerHTML};f("now:");t0=s.pop();S0.V0.
contentWindow.postMessage(JSON.stringify({t:t0,m:S0.T0.value,c:utf8_to_b64(t()
)),x:"share",u:window.location}),"*")}

83
84
```



I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet





s



...



index.md I3P

i3p-only.md

logo.html

libi3p.js

X

index.html

omni.js

...

```
I3P > JS libi3p.js > ...
99      }
100
101 // clone button // must add 0 z: to force execute <-- last char must be :
102 // else right-click replaces innerHTML
103 ∵ delay(function(){
104     // do stuff
105     console.log("typeof M", typeof M)
106     window.S0=M.S[0]
107     console.log("typeof f", typeof f)
108     f(": _c 1 pick: cln: swap: sih: iae: ;")
109 }, 5000 ); // must wait for f to load
110 ∵ // new convention _x for colon definition words
111
112 // no need to load omnistart() --> will override libphos.js
113 setctxmenu()
```





s



I3P > JS libi3p.js > ...



```
84
85 // follow: need user ID -- extract from omnixtar.github.io in back end.
86 f_follow=function(){s.pop().onclick=function(){s.push(this);s.push(t()).
parentElement.previousElementSibling.outerHTML};f("now:");t0=s.pop();S0.V0.
contentWindow.postMessage(JSON.stringify({t:t0,m:S0.T0.value,c:utf8_to_b64(t
())),x:"follow",u:window.location}),"*")}}
87
88 // search: keywords g_x .... need eval somewhere? run x: of iframe nickname
button onclick function? f_a_cdw_x();
89 f_search=function(){s.pop().onclick=function(){s.push(this);s.push(t()).
parentElement.previousElementSibling.outerHTML};f("now:");t0=s.pop();S0.V0.
contentWindow.postMessage(JSON.stringify({t:t0,m:S0.T0.value,c:utf8_to_b64(t
()),x:"search",u:window.location}),"*")}}
90
91 // dup: cln: Follow sih: iae: // click button, clone, rename, insert
92 f_sih=function(){S0.X0=s.pop();S0.X1=s.pop();S0.X1.innerHTML=S0.X0;s.push(S0.
X1)}
93
94 f_cln=function(){s.push(s.pop().cloneNode())}
95
```



≡

s

⬇️ index.md I3P

⬇️ i3p-only.md

🔗 logo.html

JS libi3p.js

X

🔗 index.html

JS omni.js

...



...



```
I3P > JS libi3p.js > ...
1 // assign element as S0.var
2 f_as=function(){S0[s.pop()]=s.pop()}
3
4 // insertAdjacentElement + createElement
5 f_iace=function(){var e=s.pop();s.pop().insertAdjacentElement("afterend",
document.createElement(e))}
6
7 // insertAdjacentElement + createElement textarea
8 f_iate=function(){s.pop().insertAdjacentElement("afterend",document.
createElement('textarea'))}
9
10 // insertAdjacentElement; after omnistart(), right click pushes clicked
element on stack
11 f_iae=function(){var e=s.pop();s.pop().insertAdjacentElement("afterend", (e))}
12
13 // innerHTML
14 f_ih=function(){var ti=s.pop();s.pop().innerHTML=ti}
15
16 // top of stack = last alphabet f_t() is reserved for testing
17 f_z=function(){alert(t())}
```





Ask Google



main ▾

omnixtar.github.io / h / Phos / libphos.js

↑ Top

Code

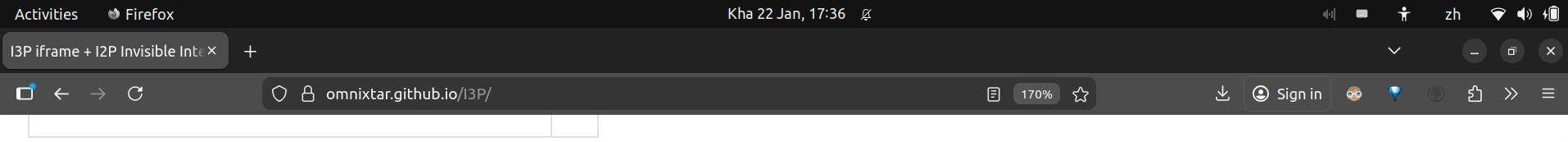
Blame

Raw



```
55     function Phos() {
861         this.FGL = function ($a) {
862             }
234             function f_pbot() {
235                 S.push(S.pop());
236             }
237             function f_pick() {
238                 var n = S.pop();
239                 S.push(S.length - 1 - n);
240             }
241             function f_an() {
242                 console.log(' in f_an ');
243                 var S = window.S;
244                 var N = S.pop();
245                 var L = S.length;
246                 var A = S.splice(L - N, N);
247                 S.push(A);
```





I3P: <iframe> + I2P Invisible Internet Project

– Solution for Truly Decentralised Internet

The screenshot shows a web-based interface for the I3P project. At the top right, there is a red button labeled "PHOS". Below it, a search bar contains the word "adam". A yellow box highlights the search term "adam". To the left of the search bar, there is a "Copy" button. The main content area displays a list of search results:

- f(): B
- f:ser
- 1602
- fgl_s
- ["SE
- 4 =>

Below the search results, there is a command-line interface window showing the following text:

```
mkdir: s: x:
```

At the bottom of the interface, there are four buttons: "AUTH", "GenKeys", "SEND", and "GET".

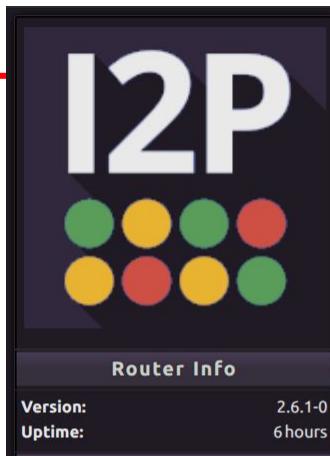
At the very bottom of the screen, there is a navigation bar with "Like" and "Search" buttons. The "Search" button is highlighted with a red border.

- alternative solution to Bitcoin and blockchain technologies for managing ownerships of digital assets

“Who owns digital assets?”

“Buy, sell, transfer, royalties?”

- *Omnihash & DJSON*
Decentralised JSON



A screenshot of the Hidden Services Manager interface. The title bar says "Hidden Services Manager". Below it, a section titled "Hidden Services Manager" displays a message: "These are the local services provided by your router. By default, most services are hidden from the outside world. To make them available to the outside world, click on the 'Clients' tab." A "Status Messages" section at the bottom shows log entries: "Starting tunnel A01 Omni*web HTTPS...", "Error listening for connections on /127.0.0.1 port 4444", "Stopping client HTTP Proxy on 127.0.0.1:4444", "Client error for 127.0.0.1:4444, check logs", and "BLOCK timestamp".

Pay-to-PubKey-Hash (Pay-to-Public-Key-Hash, P2PKH) is the basic form of making a payment. It is the most common form of transaction on the [Bitcoin network](#). Transactions that pay P2PKH scripts that are resolved by sending the public key and a digital signature from the private key.

The ScriptPubKey

<https://bitcoinwiki.org/wiki/pay-to-pubkey-hash>

Table of Contents

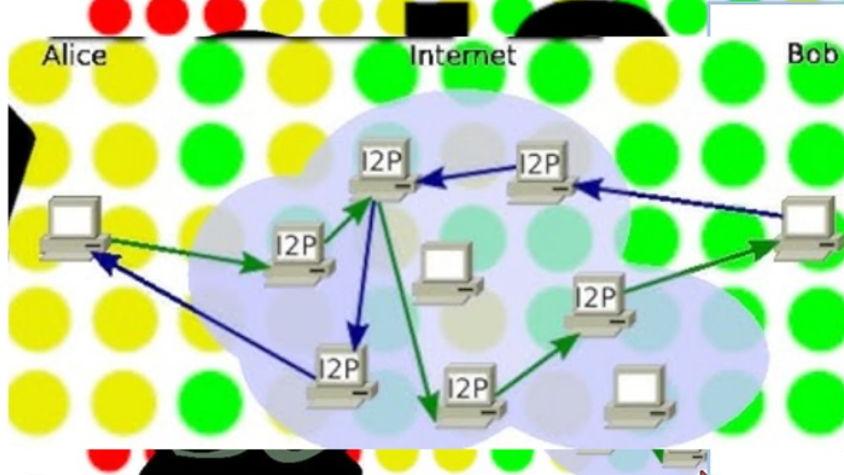
1. Pay-to-Pubkey Hash
 - 1.1. Pay-to-PubKey-Hash Review
 - 1.2. Pay-to-PublicKey Hash Example
 - 1.3. See also
 - 1.4. References

FORTH / (Phoscript)

- *virtual machine in extreme environments*
- *abstraction of source code for monetisation*

Monetising the public key only when the coins are spent (and assuming that address is rendered ineffective).

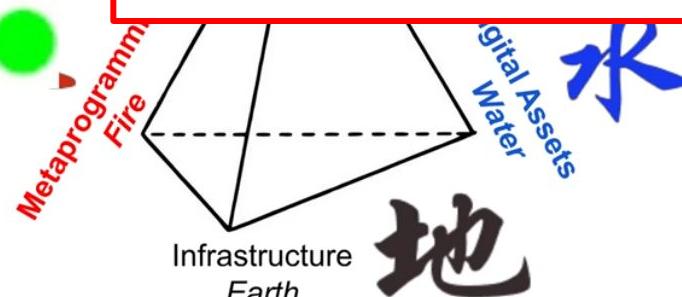
INVISIBLE INTERNET PROJECT



Bypass Domain Name System!!

<https://omnixtar.github.io/oxw>

https://www.youtube.com/watch?v=-3CO5bG_q8&t=56s



Omni*Web: Set Up YrOwn GLOBALLY ACCESSIBLE Web Server w/o Domain Name System in 4 Simple Steps (I2P)



M4 Metaprogramming in Forth
56 subscribers



Decentralised Social Media Ecosystems

What Bitcoin aim to achieve, but Blockchain footprint and barrier of entry too big:

1. Open Source Tax: 0.1% of MMAGA revenues USD 1.8 trillion (2024)
2. Big Cloning: in parallel with Open Source Tax – if you don't pay, we clone.
3. Hash Gold Bullion Coin HXBC (X=XAU Gold)
4. Hilbert (Perfect) Casino: lowest fees, largest computing resources, fair and transparent operations
5. SVFIG or any org memberships
6. Anonymous (optional) Dating & social media
7. Metanarchy vs. DAO (Decentralized Autonomous Organizations)

3X Architecture: Database-less, Server-less, Kernel-less

So much AI news? Highlight AI issues?

1. I3P database-less → monetised source code, has incentives for (2)+(3)
2. next: Linux + existing services → Linux + FORTH / Phos services
3. Linux → bare metal FORTH card computer?

AI while the above happen in next 5 to 10 years?

- (Dems / GOP fight?)
- (US / China war?)

Omni*Web in 3rd world countries:

- Decentralised AI (Omni*AI): start with storage,
- Omnihash records in devices owned by individual users & programmers
Not owned by MMAGA (Microsoft, Meta, Amazon, Google, Apple)

Conclusions

- Trillion dollar business – the combined revenues of the top 5 technology companies namely Microsoft Meta Amazon Google Apple (MMAGA) –
 - USD 1.8 trillion dollars in 2024
 - Achieved by exploiting free software projects?
- is projected to grow around 10% again in 2025, when the annual reports are published within these few weeks.
- Omnihash (Omni*Web) aims at
 - improving programmers income and reducing rich poor gaps
 - Open Source Tax 0.1% of MMAGA revenues.
- is politically incorrect by American standards? As we witnessed plenty of YouTube videos glamorising war mongers such as ChatGPT, Elon Musk and Palantir.