

How to share my latest FORTHish word with the world?

DJSON + Phoscript



= Omni*Web



Liang Ng (Malaysia)

<https://www.linkedin.com/in/liang-ng>

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

Part I: Introduction

Part II: Applications

A. DJSON for software development and documentation

I2P (Invisible Internet Project, 2003) laid foundation of decentralisation, before Bitcoin (2009).

Part III: Long term plan – MMAGA 0.1%

Part IV: Metanarchy: Decentralised Autonomous Organisations? Technosocialism?

FORTH & Decentralisation

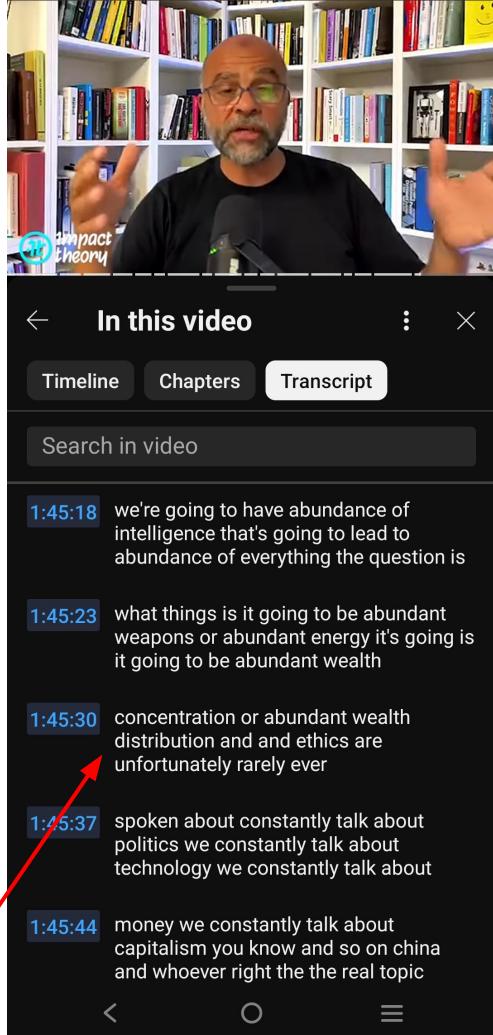
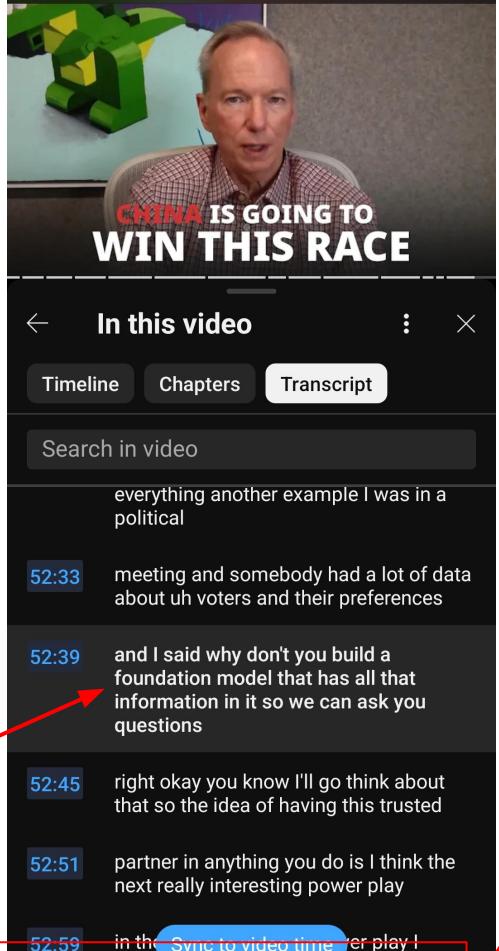
- *FORTH has literally become the most valuable programming language by virtue of Bitcoin and other cryptocurrencies.*
- But mining machines make wealth concentrated in the hands of miners.
- DJSON Decentralised JSON shall change that, making it possible to establish a truly egalitarian world,
 - except if Order 66 happens (Monty Python joke).
- Egalitarian: not Schmidt type elite education (yes maybe still for some) but everybody (omne corpus) has equal chance to create a FORTH word, quite literally.

Eric Schmidt & Mo Gawdat, former Google “rockstar” programmers.

Why the gap in wealth amongst programmers?

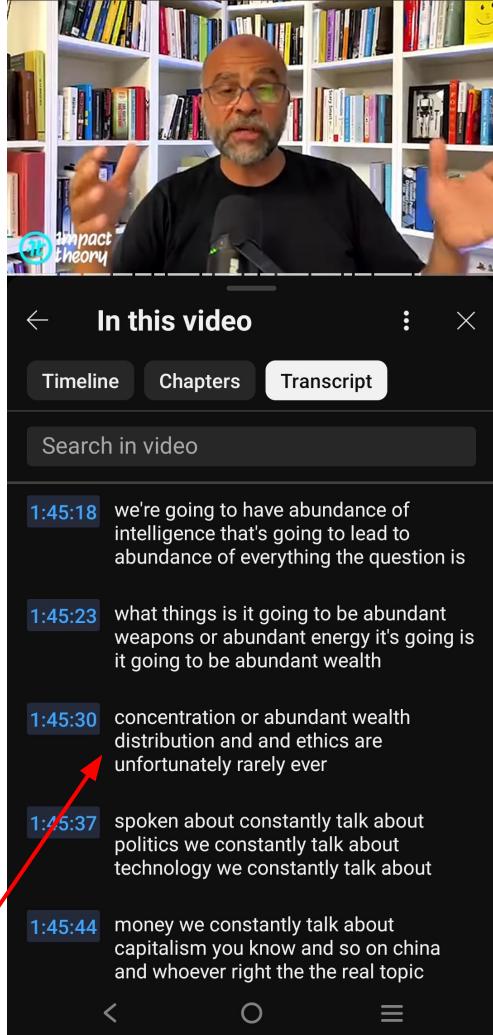
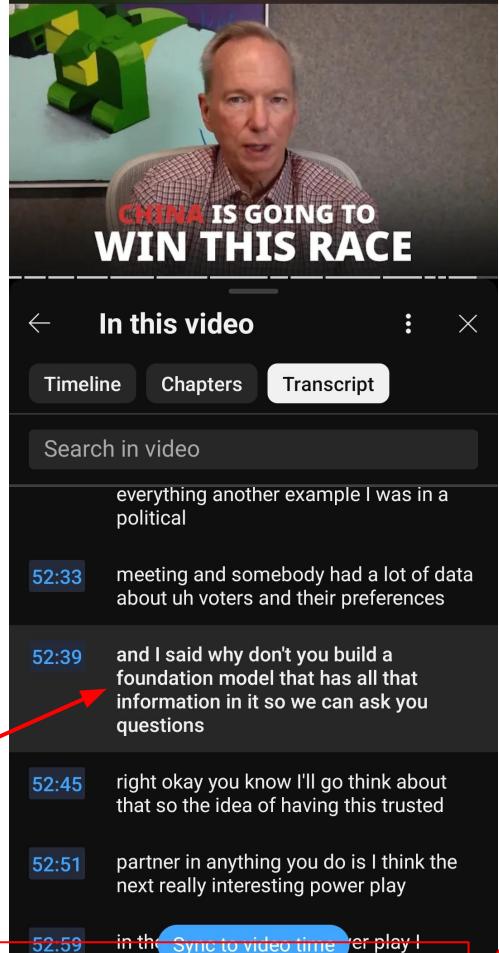
Foundation model

Wealth distribution



[https://youtu.be/
DI-LKs3GpeE](https://youtu.be/DI-LKs3GpeE)

[https://youtu.be/
RiN33qvoDo0](https://youtu.be/RiN33qvoDo0)



Foundation model

Wealth distribution

Activities Firefox Sel 11 Feb, 23:25

DJSON Decentralised JSON × DJSON Decentralised JSON × yo6sgmfq7pfvp2e4kuhjtfc × yo6sgmfq7pfvp2e4kuhjtfc × yo6sgmfq7pfvp2e4kuhjtfc × +

https://omnixtar.github.io/djson/ 170% ⚡

underlying Bitcoin and other cryptocurrencies as well as novel decentralised social media platforms as we shall see in the following example:

- how to add a like function to [this GitHub markdown article](#)

We will reveal the answer first and explain later as we assume there are readers who are impatient:

- ["2025-02-11T14:25:28.207+0000", "like", "CXAGcRKevA==", "CXAGcRKevA==", "HymWBzfj9A==", "HymWBzfj9A== s: x:"]

In the DJSON above, the fields are:

- timestamp, action, current_user_ID, prev_msg_owner, doc_hash, messages

doc_hash means hash of URL of document.

The following are the steps for generating the “like” DJSON of this [article](#), accompanied by a video:

1. Save a copy of this web page as a local file.
2. Generate doc_hash for this document.
3. Make a subdirectory for this document with doc_hash.

DJSON: Decentralised JSON -- ULTIMATE generalisation of Bitcoin address and blockchain, w/o MINING.



MI4 Metaprogramming in Forth

52 subscribers

Subscribed



美中關稅戰白熱化! 港澳辦:讓美「鄉巴佬」在中華文明前哀鳴 ...

TVBS 優選頻道- T觀點

722 views • 38 minutes ago

- DJSON implements ownership of digital assets, WITHOUT Blockchain infrastructures.

Hash represents digital assets.

Digital Assets: Any document, photo, video, game, 3D simulation, source code, unicode encoded, or using any compatible encoding schemes.

Ownership: Array or Object, association.

Example: ["2025-02-11T14:25:28.207+0000" , "like" , "CXAGcRKeVA==" ,
"CXAGcRKeVA==" , "HymWBzfj9A==" , "HymWBzfj9A== s: x:"]

- timestamp, action, current_user_ID, prev_msg_owner, doc_hash, message
- current_user_ID: Log in, hash of public key.

Demo hash functions in PHP & JavaScript.

Activities Firefox Sel 11 Feb, 22:07 zh

yo6sgmfq7pfvvp2e4kcuhtfex yo6sgmfq7pfvvp2e4kcuhtfex + https://yo6sgmfq7pfvvp2e4kcuhtf7wfltt63igwcukhbmumqm6lu3a3ab32.i2p/oxm/oxm.php?nn=adam 170% ☆

adam session_id:adam-fer4f9qk69m9nj562u7kj5n2u9_31
session_id:adam-fer4f9qk69m9nj562u7kj5n2u9_31

Omni*Search Demo

Copy the following code and execute it in the browser console:

```
f(': B_F '+ JSON.stringify({w:'like', t:'recipient_hash', f:'sender_hash'}) + ' jd: rghc: g_
```

1602 Phos 1611 S 1621 B_F start omni:
fgl_s 340 < 2 > array (0 => array (0 => '{
'lcdw:', 5 => 'B_AUTH',), 1 => array ('SP'
'LS0tLS1CRUdJTiBQVUJMSUMgS0VZLS
'NN' => 'adam',),)

fgl_s 340 < 4 > array (0 => array (0 => '{"B_AUTH1":
["SESSION:", "AUTH", "i:", "PBK", "i:", "o_hash.json", "I_cdwjjs", "t"
1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4 => 'lcdw:', 5 => 'B_AUTH1'
array ('a_cmd' => array (0 => 's:', 1 => ';',), 't_f0' => '2025-0:
'Graph/dmeta/CXAGCgRKevA==',) [{"a_cmd": "s:", ";"}, "t_f0": "2
{"r": "Graph/dmeta/CXAGCgRKevA==", "t": "2025-02-10T00:38:
fa1_s 340 < 2 > array (0 => array (0 => '{"B_AUTH": "SESSION":
"lcdw:", 5 => 'B_AUTH',), 1 => NULL,)
4:48 / 8:28 < 2 > array (0 => array (0 => '{"B_AUTH": ["SESSION":
"lcdw:", 5 => 'B_AUTH',), 1 => array ('SP' => 'e3235b7f', 'PASS':> '20250210_0127241_PPK' =>

DSC
cmd
123
Encrypted_Message
Any_other_remarks
Misc

Authenticate!

OK

adaml

s: x:

AUTH CenKeys SEND GET

DJSON: Decentralised JSON -- ULTIMATE generalisation of Bitcoin address and blockchain, w/o MINING.



Nvidia: US basically handed the Chinese AI market to Huawei,...

Yahoo Finance 

51K views • 10 hours ago



Ring theory

文 36 languages ▾

Article Talk

Read Edit View history Tools ▾

From Wikipedia, the free encyclopedia

This article is about a mathematical concept. For other uses, see [Ring theory \(disambiguation\)](#).

In [algebra](#), **ring theory** is the study of [rings](#), [algebraic structures](#) in which addition and multiplication are defined and have similar properties to those operations defined for the [integers](#). Ring theory studies the structure of rings; their [representations](#), or, in different language, [modules](#); special classes of rings ([group rings](#), [division rings](#), [universal enveloping algebras](#)); related structures like [rngs](#); as well as an array of properties that prove to be of interest both within the theory itself and for its applications, such as [homological properties](#) and [polynomial identities](#).

Commutative rings are much better understood than noncommutative ones. [Algebraic geometry](#) and [algebraic number theory](#), which provide many natural examples of commutative rings, have driven much of the development of commutative ring theory, which is now, under the name of [commutative](#)

Algebraic structures

Group-like [show]

Ring-like [hide]

[Ring](#) · [Rng](#) · [Semiring](#) · [Near-ring](#) ·

[Commutative ring](#) · [Domain](#) ·

[Integral domain](#) · [Field](#) · [Division ring](#) ·

[Lie ring](#)

Ring theory

Lattice-like [show]

Module-like [show]

Algebra-like [show]

V · T · E

Ring theory properties of integers

Integer type preservation

Ring theory properties: invariant on addition (+) and multiplication (*)

String → Hash + String → String → Hash

SymFORTH: symbolic math engine symengine in Phoscript

From like to complex social media tasks, messages, etc.

Not just theoretical interest, but practical, digital assets, estimated value?

Goals of Blockchain without Blockchain: Decentralised Finance, Non Fungible Tokens, etc.

Part I: Introduction

Part II: Applications

A. DJSON for software development and documentation

I2P (Invisible Internet Project, 2003) laid foundation of decentralisation, before Bitcoin (2009).

- Who is Satoshi Nakamoto?

Example of code in Phoscript plus documentation, published using DJSON Omnihash; application level perspective

- B. Propose SVIFG memberships app, use Phoscript + FORTH?
- C. Sending messages between users
- D. User Interface Code
- E. Cross platforms – web, shell, Android

INVISIBLE INTERNET

The diagram illustrates the Invisible Internet Project. It shows two users, Alice and Bob, connected to a central network of nodes labeled "I2P". The network is represented by a cluster of green and yellow dots. Alice's computer is on the left, and Bob's computer is on the right. They are connected to the network via their respective routers. The routers are also connected to each other, forming a direct link between Alice and Bob through the I2P network.

PROJECT

Bypass Domain Name System!!

1. Install I2P (Invisible Internet Project) router and set up browser proxy.
2. Set up HTTP (no SSL) tunnel
3. Set up HTTPS (with SSL) tunnel
4. Run apache-ssl.sh

1:19 / 15:48

<https://yo6sgmfq7pfvvp2e4kcuuhjtfg7wfltt63igwcukhbmujqm6lu3a3ib32>

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



MI4 Metaprogramming in Forth
52 subscribers



Subscribed



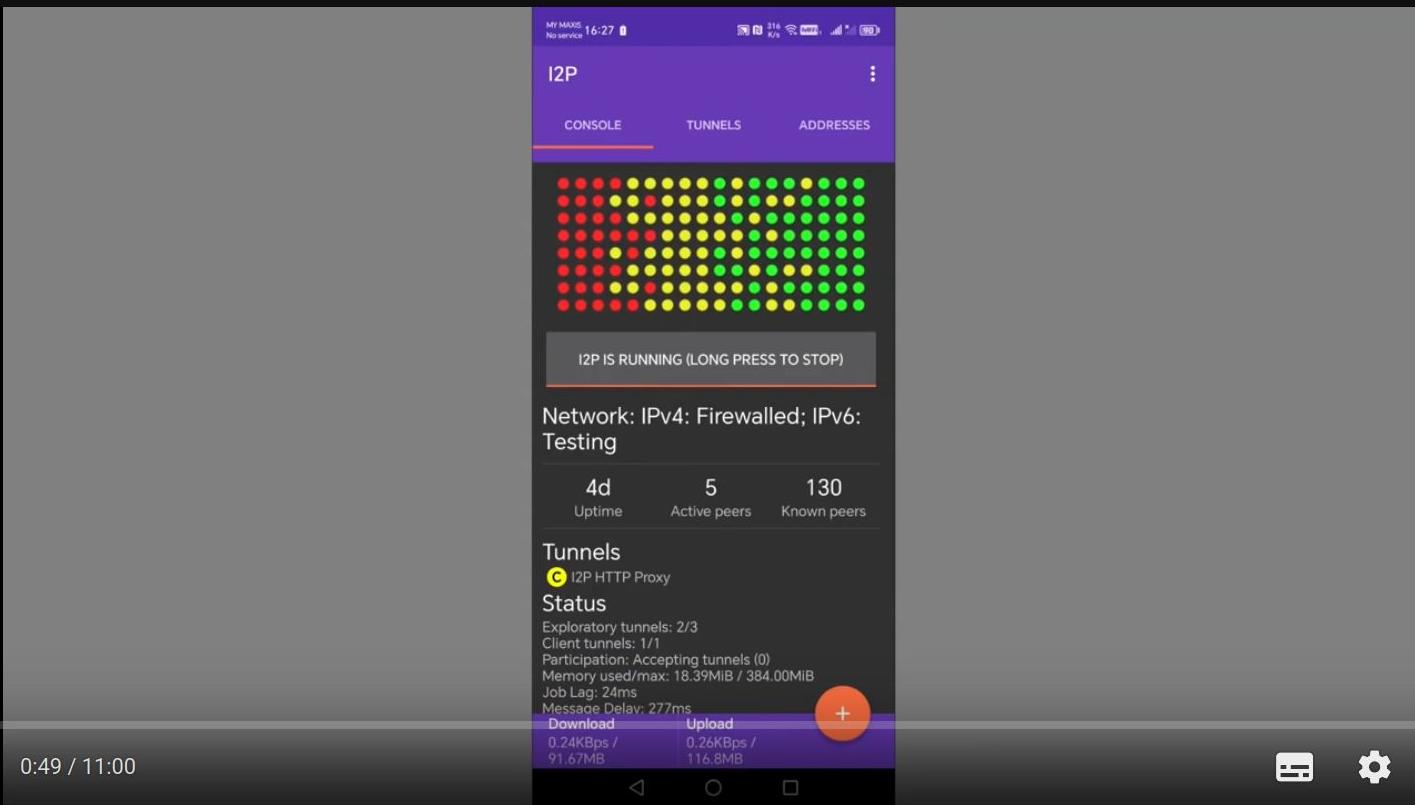
呆子!
臺灣
香港

課陸關稅245%美下場慘?!
中天新聞

美國到底想幹嘛?!對陸再加關稅
到245%...郭正亮曝嚴重後果酸...

中天新聞

4.4K views · 1 hour ago



Omni*Web: Using Monocles Android Browser with I2P (Invisible Internet Project) router on Omni*Web



MI4 Metaprogramming in Forth

52 subscribers



Subscribed





Download

[Download](#) [About](#) [Community](#) [Blog](#)

Language

- Windows
- Mac OS X
- GNU/Linux / BSD / Solaris
- Debian / Ubuntu
- Android
- Source package
- Automatic updates
- Manual updates

Release Notes

- Release Notes
 - Change Log
 - Debian Change Log
 - Android Change Log

I2P for Windows



Download I2P for Windows

j2pininstall 2.8.2 windows.exe

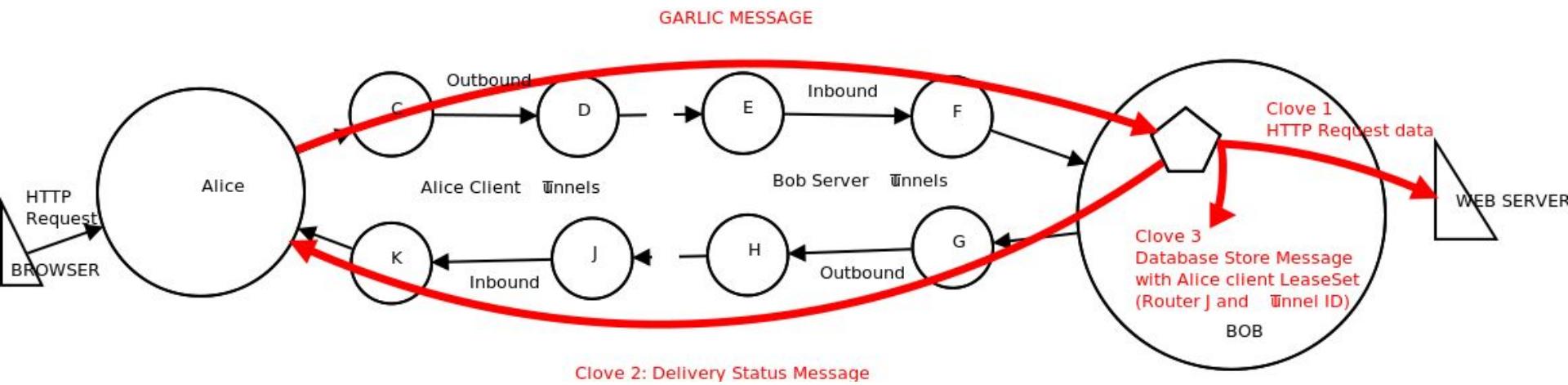
Mirror:  i2p-projekt

select alternate
version

sia

The default I2P installer requires Java to be installed. You can obtain it from Oracle or from your choice of Java distribution. After installing Java, download the file and double-click to

SHA256:

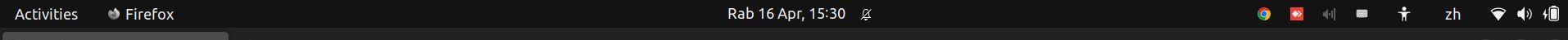


<https://geti2p.net/en/docs/how/garlic-routing>

Activities Terminal Rab 16 Apr, 15:27 hongwu@hongwu-Latitude-5480: ~/i2p-2.6.1

hongwu@hongwu-Latitude-5480: ~/i2p-2.6.1 hongwu@hongwu-Latitude-5480: /var/www/dmeta/o/auth hongwu@hongwu-Latitude-5480: /var/www/dmeta/o/auth/Graph

```
hongwu@hongwu-Latitude-5480:~/i2p-2.6.1$ ./i2prouter status
I2P Service is running: PID:752486, Wrapper:STARTED, Java:STARTED
hongwu@hongwu-Latitude-5480:~/i2p-2.6.1$ ./i2prouter start
```



Activities Firefox Rab 16 Apr, 15:30 zh

Settings Firefox about:preferences#searchResults

General Home Search Privacy & Security Sync Firefox Labs More from Mozilla Extensions & Themes Firefox Support

Connection Settings

Configure Proxy Access to the Internet

No proxy Auto-detect proxy settings for this network Use system proxy settings Manual proxy configuration

HTTP Proxy: 127.0.0.1 Port: 4444 Also use this proxy for HTTPS

HTTPS Proxy: 127.0.0.1 Port: 4445

SOCKS Host Port: 0 SOCKS v4 SOCKS v5

Automatic proxy configuration URL

No proxy for: localhost, 127.0.0.1, *.com, *.dev, *.org, *.io, *.my, *.jp, *.net, *.ro, *.cn, *.gov, *.at, *.be, *.us, *.uk, *.biz, *.mil, *.hk, *.app, *.moe, *.edu, *.to, *.it

Example: .mozilla.org, .net.nz, 192.168.1.0/24
Connections to localhost, 127.0.0.1/8, and ::1 are never proxied.

Cancel OK



Router Info

Version: 2.6.1-0
Uptime: 7 hours

Bandwidth in/out

3 Sec: 1.34 / 1.30 KBps
5 Min: 0.67 / 0.96 KBps
Total: 0.87 / 0.96 KBps
Used: 652 MB / 717 MB

Network: Firewallled

I2P Services

Email

Torrents

Configuration

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

```
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 127.0.0.1:7660
Tunnels ready for client: Standard client on 127.0.0.1:7660
```

Refresh

Clear

Global Tunnel Control

Tunnel Wizard

Stop All

Start All

Restart All

I2P Hidden Services

use:
052MID / 117MID

Network: Firewalled

I2P Services

Email

Torrents

Configuration

Address Book Help

Hidden Services Manager Settings
Setup

Diagnostics

Logs NetDB Peers Profiles
Tunnels

Help & FAQ

Changelog FAQ Licenses Network
Sidebar Troubleshoot

Peers

Active: 21/316
Fast: 36
High Capacity: 43
Floodfill: 154
Known: 186

Restart

Shutdown

Tunnels

Global Tunnel Control

Tunnel Wizard

Stop All

Start All

Restart All

I2P Hidden Services

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

Destination: yo6sgmfvq7pfvvp2e4kcuhjtfg7wfllt63igwcukhbmuqm6lu3a3a.b32.i2p

Description: A01 Omni*Web HTTPS

HTTP Phos tunnel	HTTP server	127.0.0.1:80	Preview		Stop
------------------	-------------	--------------	-------------------------	--	----------------------

Destination: weor7pxsuxpkkbvh4sgta7hvoom5jrzemvy253y5norcamadujaq.b32.i2p

Description: HTTP Phos tunnel

I2P HTTPS Tunnel	HTTP server	127.0.0.1:7668	Preview		Stop
------------------	-------------	----------------	-------------------------	--	----------------------

Destination: 6fjdbkxk7z3ykh5fauag3gopui7sx4sdzererl7jvsrdiwsboqra.b32.i2p

Description: I2P HTTPS Tunnel

I2P webserver	HTTP server	127.0.0.1:7658	No Preview		Start
---------------	-------------	----------------	------------	--	-----------------------



Omni*Web::OXW



I2P

I2P
Mobile

Firefox
NGROK

Chrome
NGROK

OXW is built using reliable and transparent open source software projects that began in 2003 or earlier.

Omni*Shell





EXPLORER

...

OMNIXTAR.GIT...

m

> SCSS

> 404.html

> about.html

\$ apache-ssl.sh

> contact.html

↓ i2p-intro.md

> index-w.html

> index.html

LICENSE.txt

JS ngrok.js

> oxm.html

> property-agent.html

> property-list.html

> property-type.html

≡ README.txt

> OUTLINE

> TIMELINE

[Preview] README.md

index.md

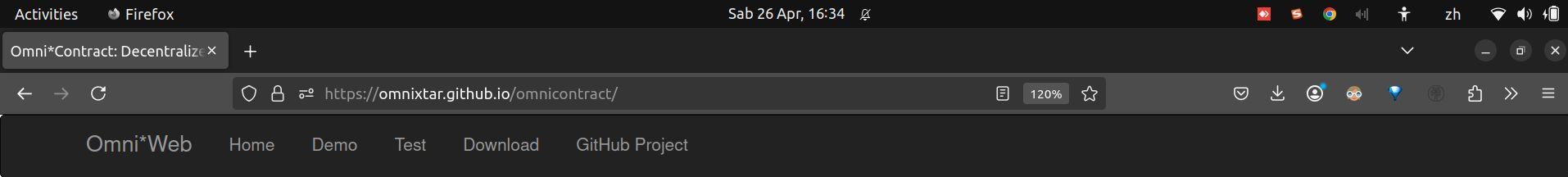
index.html X



...

m > > index.html > html > script > MyFunction

```
2   <html lang="en">
39  <script>console.log('Omni*Web::OXW');
40  function MyFunction() { console.log('MyFunction
        Omni*Web::OXW');
41      // window.location="https://
yo6sgmfq7pfvvp2e4kcuhtjfg7wfllt63igwcukhbmum6lu3a
3a.b32.i2p/dm23/dmeta.php?nn=adam";
42      window.location="https://
yo6sgmfq7pfvvp2e4kcuhtjfg7wfllt63igwcukhbmum6lu3a
3a.b32.i2p/oxw/oxw.php?nn=adam";
43  }
44  function m_oxmobile() { console.log('m_oxmobile
        Omni*Mobile::OXM');
45      // window.location="https://
yo6sgmfq7pfvvp2e4kcuhtjfg7wfllt63igwcukhbmum6lu3a
3a.b32.i2p/dm23/dmeta.php?nn=adam";
46      window.location="https://
yo6sgmfq7pfvvp2e4kcuhtjfg7wfllt63igwcukhbmum6lu3a
3a.b32.i2p/oxm/oxm.php?nn=adam";
47 }
```



Omni*Web: Omni*Contract

OmniHash: Base64 53-bit Hash

Contract to hash:

Brian will transfer USD50 to Trinity, via local banks, after Adam sends TRX-USDT50 to Brian.

OmniHash

OmniHash of Contract:

A+stdDVniQ==

OXC3 Triplets:

A+stdDVniQ== :PBKA_Hash: :PBKB_Hash:

OXC3

ROOT

Root Hash (Hash of All Hashes):

EEWVLnIEtQ==

Omni*Contract (OXC) is arguably the simplest smart contract ever invented.

The simplest form of OXC consists of THREE (3) OmniHashes, which are collectively known as

```
1 <html>
2   <!--
3 Omni*Contract On the Separation of Disclosure and Royalties of the Source Code
4
5 - You, a human agent of a company or government agency, may read the source code
   of this repository without making payments to the author or authors, but if you
   execute this program on behalf of your company or agency for commercial purposes,
   we reserve the rights to claim royalties from you or your company or agency.
6
7 - You may negotiate terms and conditions with representatives of this
   reposistory, and generate a contract hash, bearing the hashes representing your
   identity, the representative's identity, with optional witnesses, by following
   the instructions displayed on this page.
8
9   -->
10  <head>
11  <title>Omni*Contract: Decentralized Meta Contact</title>
12  <!--[if IE]>
13  <script type='text/javascript'>
14    (function() {
15      var tag = document.getElementById('basetag');
16      tag.setAttribute('src', 'https://omnicontract.s3.amazonaws.com/contract.html');
```

Home

Shorts

Subscriptions



MI4 Metaprogramming in Forth

@mi4metaprogramminginforth666 · 52 subscribers · 62 videos

More about this channel ...more



Subscribed



Home

Videos

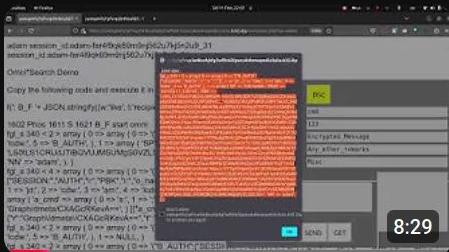
Shorts



Latest

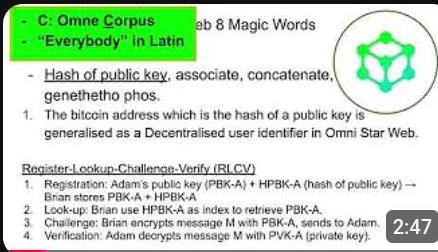
Popular

Oldest



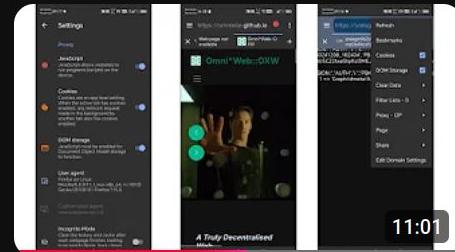
DJSON: Decentralised JSON --
ULTIMATE generalisation of Bitcoin...

21 views • 2 months ago



RLCV
1. Registration: Adam's public key (PBK-A) + HPBK-A (hash of public key) → Brian stores PBK-A + HPBK-A
2. Look-up: Brian use HPBK-A as index to retrieve PBK-A.
3. Challenge: Brian encrypts message M with PBK-A, sends to Adam.
4. Verification: Adam decrypts message M with PVK-A (private key).

9 views • 3 months ago



Omni*Web: Omni*Shell – Omne
corpus, omnidata, omni-environment,...

133 views • 4 months ago

Activities Firefox Sel 11 Feb, 23:25

DJSON Decentralised JSON × DJSON Decentralised JSON × yo6sgmfq7pfvp2e4kuhjtfc × yo6sgmfq7pfvp2e4kuhjtfc × yo6sgmfq7pfvp2e4kuhjtfc × +

https://omnitar.github.io/djson/ 170% ⚡

underlying Bitcoin and other cryptocurrencies as well as novel decentralised social media platforms as we shall see in the following example:

- how to add a like function to [this GitHub markdown article](#)

We will reveal the answer first and explain later as we assume there are readers who are impatient:

- ["2025-02-11T14:25:28.207+0000", "like", "CXAGcRKevA==", "CXAGcRKevA==", "HymWBzfj9A==", "HymWBzfj9A== s: x:"]

In the DJSON above, the fields are:

- timestamp, action, current_user_ID, prev_msg_owner, doc_hash, messages

doc_hash means hash of URL of document.

The following are the steps for generating the “like” DJSON of this [article](#), accompanied by a video:

1. Save a copy of this web page as a local file.
2. Generate doc_hash for this document.
3. Make a subdirectory for this document with doc_hash.

DJSON: Decentralised JSON -- ULTIMATE generalisation of Bitcoin address and blockchain, w/o MINING.



MI4 Metaprogramming in Forth

52 subscribers



Subscribed



港澳辦：讓美鄉巴佬在中華文明前哀鳴
香港單邊統一請不同 川普看19:09

美中關稅戰白熱化! 港澳辦：讓美「鄉巴佬」在中華文明前哀鳴 ...

TVBS 優選頻道- T觀點

722 views • 38 minutes ago



UserLAnd - Linux on Android (Beta)

UserLAnd Technologies
In-app purchases

4.7★

14K reviews

3+

Rated for 3+

1M+
Downloads

Uninstall

Open

ⓘ You're a beta tester for this app. Future
updates will include beta versions.

Installed on all devices



What's new •

Last updated 6 Apr 2025



Many feature improvements and bug fixes related
to accessing files outside of UserLAnd
Restore access to /sdcard/Android/data/tech.ul...

Private feedback to developer

Only the developer can see this feedback



Games



Apps



Search



Books

UserLAnd



Distribution

Alpine



Arch



Debian



Kali



Ubuntu



Audio

Audacity



Browser

Firefox



Development



Apps



Sessions



Filesystems

userland@localhost: ~

```
238 sftp -p 2221 android@192.168.204.133
240 sftp -P 21 android@192.168.204.133
241 sftp -P 2221 android@192.168.204.133
504 history |grep dro
userland@localhost:~$ !199
sudo dropbear -E -> 2022
[18817] Apr 25 04:48:23 Failed loading /etc/dropbear/dropb...
[18819] Apr 25 04:48:23 Running in background
userland@localhost:~$ [18982] Apr 25 04:48:31 Child connec...
998
[18982] Apr 25 04:48:31 Password auth succeeded for 'userl...
998
[18982] Apr 25 06:09:04 Exit (userland) from <127.0.0.1:37...
ved
[18982] Apr 25 06:09:04 syslogin_perform_logout: logout(pt...
: No such file or directory
[13908] Apr 25 06:09:06 Child connection from 127.0.0.1:40...
[13908] Apr 25 06:09:06 Password auth succeeded for 'userl...
498
[13908] Apr 25 11:43:18 Exit (userland) from <127.0.0.1:40...
ved
[13908] Apr 25 11:43:18 : No such file or direct...
```

Input Mode

Direct, Swipe Pan

Direct, Hold Pan

Simulated Touchpad

Single Handed



userland



```
userland@localhost:~$ ldj s:  
-bash: ldj: command not found  
userland@localhost:~$ command_not_found_  
handle() { php phos.php $@; }  
userland@localhost:~$ cd oxm/auth/  
userland@localhost:~/oxm/auth$ ldj s:  
after BV CDW  
PHP Warning: Undefined array key "AUTH"  
in /home/userland/oxm/auth/libphos.php  
on line 908
```

Open



libphos.php

init.js

libomni.js

20250122-oxsh.js

o_hash.json

gui_dsc.js

libdom.js

phos.php

Save



```
1<?php
2session_start();
3
4include 'vendor/autoload.php';
5use phpseclib\Crypt\PublicKeyLoader;
6use phpseclib\Crypt\RSA;
7include "simple_html_dom.php";
8include "libfgl.php";
9include "libuui.php";
10include "libphos.php";
11include "libduid.php";
12include "libhash.php";
13
14$CDW = array();
15$S = array();
16$BV=array(); // move to start page to get nickname NN !! NO WAY !! start page and phos.php are co-
   mpletely separated, only communicate via _SESSION and _SERVER variables !!
17$BV['CDW']=array();
18
19if (isset($argv[1])) {
20    F(": r_cdw o_cdw.json fgc: jd: lcdw: ; r_cdw");
21    $_SESSION = array();
22    $_SESSION['CLI'] = 1;
23    $BV['USER']='root';
24    $S[1] = $argv[1];
25}
```

Open



```
Open libphos.php init.js libomni.js 20250122-oxsh.js o_hash.json gui_dsc.js libdom.js phos.php libfgl.php

1545 function FGLA($a)
1546 {
1547     global $argv, $S, $SS, $xk, $xs, $SC, $SL, $BV, $CDW;
1548     $SS[] = array(0, $a);
1549     if (isset($D)) {
1550         // if (true) {
1551             echo "\n\n" . __FUNCTION__ . " " . __LINE__ . " " . var_src($SS);
1552         }
1553         $xc = count($SS);
1554         $xk =& $SS[$xc - 1][0];
1555         $xs =& $SS[$xc - 1][1];
1556         $xl = count($SS[$xc - 1][1]);
1557         $vk = $xk;
1558         $Z = $xl;
1559         if (isset($_SESSION) && !isset($_SESSION['CLI'])) {
1560             FGL("AUTH gsv: PASS i: m: dts: m: -");
1561             if (array_pop($S) < -60) {
1562                 echo " AUTH elapsed ";
1563                 return;
1564             }
1565         }
1566         do {
1567             $vk = $xk;
1568             $BV['xk'] = $xk;
```

Open

Save

libphos.php init.js libomni.js 20250122-oxsh.js o_hash.json gui_dsc.js libdom.js phos.php libfgl.php

/var/www/dmeta/o/auth

```
1633
1634 | if (function_exists("fgl_" . $fn)) {
1635 |     if (isset($D)) {
1636 |         echo " FGLA: line " . __LINE__ . " fgl_" . $fn . " ";
1637 |     }
1638 |     call_user_func("fgl_" . $fn);
1639 |     if (0) if (is_array(end($S))) {
1640 |         $va = end($S);
1641 |         if (isset($va[0])) {
1642 |             if ($va[0] == "prg_ctr") {
1643 |                 $va = array_pop($S);
1644 |                 $vk = $va[1];
1645 |                 $xk = $vk;
1646 |                 if (isset($D)) {
1647 |                     echo "\n XS: " . __LINE__ . " v " . $v . " xk "
1648 |                     . $xk . " vk " . $vk . " Z " . $Z . " SC[CC][3] " . $SC[$CC][3] . "\n";
1649 |                 }
1650 |             }
1651 |         }
1652 |     } else {
1653 |         if (in_array($fn . ":", array_keys($CDW))) {
1654 |             echo __LINE__ . " in CDW " . var_src($CDW[$fn . ":"]);
1655 |         } else {
1656 |             if ($fn == "r") {
```



userland



GNU nano 6.2 o_hash.json S

```
up:", "2", "i:", "swap:", "1", "i:", "bv:", ";"}], {"search_user": ["Graph\\dmeta", "search_allowed", "rg:", "xcmd:", "\\search_user\\/", "ig:", ";"], {"g_x": ["grt:", "xcmd:", "xr:", "av:", "0", "5", "slice1:", ";"], {"lcmd": ["dsl:", "tmp", "lst:", "/h_/", "g:", "over:", "g:", "av:", "0", "i:", "fi:", "av:", "dup:", "c:", "2", "-", "i:", "7", "substr:", ";"], {"ldj": ["Graph/djson", "lst:", "0", "i:", "dup:", "fgc:", ";"], {"mkghf": ["je:", "dup:", "hbp", "Graph/djson", "swap:", "2", "msss:", "w:", ";"], {"mkdoc": ["ldj", "jd:", "over:", "0:", "x", "apk:", "dup:", "x", "i:", "dup:", "d_", "swap:", "2", "mssx:", "tmp", "swap:", "2", "msss:", "fgc:", "swap:", ".", "c", "apk:", "tus:", "t", "apk:", "mkghf:", ";"], {"mkdj": ["array:", "2", "pick:", "2", "pick:", "apk:", "ldj", "jd:", "am:", "tus:", "t", "apk:", "mkghf", ";"}}]}
```

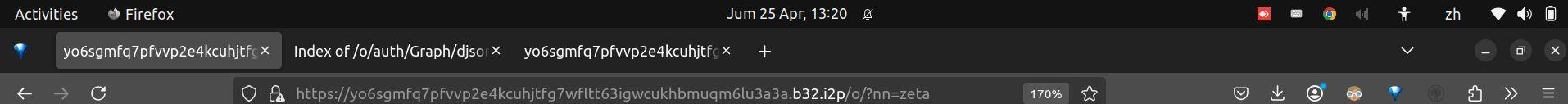
^G Help
^X Exit

^O Write Out
^R Read File

^W Where Is
**** Replace

^K Cut
^U Paste

```
userland@localhost:~/oxm/auth$ ldj s:  
after BV CDW  
PHP Warning: Undefined array key "AUTH" i  
n /home/userland/oxm/auth/libphos.php on l  
ine 908  
PHP Warning: Trying to access array offse  
t on value of type null in /home/userland/  
oxm/auth/0609_libfgl.php on line 312  
  
fgl_s 340 < 4 > array ( 0 => array ( 0 =>  
'phos.php', 1 => 'ldj', 2 => 's:', ), 1 =>  
'phos.php', 2 => 'Graph/djson/A8JE_V9hFA=  
=', 3 => '{"k":"v5","t":"2025-04-15 04:11:  
00.828300","u":"nobody_hash","x":"mkdj","c  
":"add one new key value pair to djson\\n"  
}', )  
userland@localhost:~/oxm/auth$
```



zeta array(1) { ["nn"]=> string(4) "zeta" } session_id:adam-17kka5ed8n5q7n227eifov5vp4_31
session_id:adam-17kka5ed8n5q7n227eifov5vp4_31

Omni*Search Demo

Copy the following code and execute it in the browser console:

```
f(): B_F +' + JSON.stringify({w:'like', t:'recipient_hash', f:'sender_hash'}) +' jd: rghc: g_
```

1602 Phos 1611 S 1621 B_F start omni:

```
fgl_s 340 < 2 > array ( 0 => array ( 0 => '{"B_AUTH":["SESSION:", "AUTH", "i:", "s:", "'lcdw:', 5 => 'B_AUTH', ), 1 => NULL, )
```

```
fgl_s 340 < 2 > array ( 0 => array ( 0 => '{"B_AUTH":["SESSION:", "AUTH", "i:", "s:", "'lcdw:', 5 => 'B_AUTH', ), 1 => array ( 'SP' => '2f090966', 'PAS
```

```
'LS0tLS1CRUdJTiBQVUJMSUMgS0VZLS0tLS0KTUIJQ0lqQI', 'NN' => 'zeta', ), )
```

```
fgl_s 340 < 5 > array ( 0 => array ( 0 => '{"B_AUTH1":
```

```
["SESSION:", "AUTH", "i:", "PBK", "i:", "o_hash.json", "l_cdwjs", "h
```

```
1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4 => 'lcdw:', 5 => 'B_AUTH1'
```

```
( 'a_cmd' => array ( 0 => 'Graph/djson', 1 => 'doc', 2 => 'rg:', 3 => 'BD-56sZzuQ==', ), ), 3 => 'Graph/dmeta/F2rr0HebVQ==',
```

```
{'k': 'v1', 't': '2025-04-15 03:02:27.154400', 'u': 'nobody_hash'
```

```
HkjziZnYkw==:1:{'k': 'v5', 't': '2025-04-15 03:42:59.616100', 'u': 'nobody_hash', 'x': 'aj', 'c': 'documentation for Idi', 'z': 'Graph/dison/GNTmrHvCDg==:1:{'t': '2025-04-02 06:49:10.642000', 'u': 'nobody_hash', 'x': 'Idi', 'c': 'documentation for Idi'}
```

The screenshot shows a search interface with several input fields and dropdown menus. A yellow box highlights the word "zeta" in the search bar. To the right is a vertical list of categories: DSC, cmd, 123, Encrypted_Message, Any_other_remarks, and Misc. Below the search bar is a large text area containing a complex JSON object. At the bottom are four buttons: AUTH, GenKeys, SEND, and GET.

libphos.php init.js libomni.js libphos.php /var/www/dmeta/o/auth o_hash.json gui_dsc.js libdom.js

```
460 function fgl_rglob()
461 {
462     global $S;
463     $S[] = rglob(array_pop($S));
464 }
465 function fgl_rgrep() // grep -r -i
466 {
467     global $S;
468     // echo " in rgrep: ";
469     exec( "grep -r -i -n '".array_pop($S)."' Graph/" . array_pop($S), $m);
470     $S[] = $m;
471 }
472 function fgl_rg() // grep -r -i from auth/
473 {
474     global $S;
475     // echo " in rgrep: ";
476     exec( "grep -r -i -n '".array_pop($S)."' ".array_pop($S), $m);
477     $S[] = $m;
478 }
479 function fgl_grt() // grep -n -- "u_short" $(ls -t *)
480 {
481     global $S;
482     // grep -n -- "u_short" $(ls -t *)
483     exec( "grep -n -- '".array_pop($S)."' \$(ls -t ".array_pop($S)."/*)", $m);
```

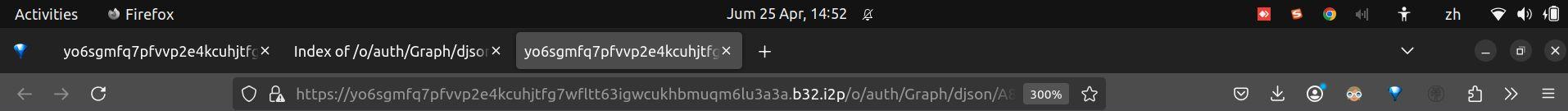
```
', 2 => 'a', )  
userland@localhost:~/oxm/auth$ ldj s:  
after BV CDW  
PHP Warning: Undefined array key "AUTH" in /h  
ome/userland/oxm/auth/libphos.php on line 908  
PHP Warning: Trying to access array offset on  
value of type null in /home/userland/oxm/auth  
/0609_libfgl.php on line 312
```

```
fgl_s 340 < 3 > array ( 0 => array ( 0 => 'pho  
s.php', 1 => 'ldj', 2 => 's:', ), 1 => 'phos.p  
hp', 2 => '{"k":"v5","t":"2025-04-15 04:11:00.  
828300","u":"nobody_hash","x":"mkdj","c":"add  
one new key value pair to json\\n"}', )
```

Index of /o/auth/Graph/json

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
-------------	----------------------	-------------	--------------------

 Parent Directory		-	
 A8F_Urqugw==	2025-04-15 16:44	115	
 A8JE_V9hFA==	2025-04-15 16:44	116	
 C2eNzQSdjg==	2025-04-15 16:44	100	
 C5kH41TTbw==	2025-04-15 16:44	117	
 DghaA0RGEg==	2025-04-15 16:44	92	
 Dqj09A2k	2025-04-15 16:44	100	
 EWrGyZG1zQ==	2025-04-15 16:44	100	
 EjugC0tPdA==	2025-04-15 16:44	92	
 EqxDIy-EkQ==	2025-04-15 16:44	101	
 FS7Cp9sbtw==	2025-04-15 16:44	92	
 G9Vuw36iKA==	2025-04-15 16:44	101	
 GM_0O_GHS	2025-04-15 16:44	101	



```
{"k": "v5", "t": "2025-04-15  
04:11:00.828300", "u": "nobody_hash", "x": "mkdj", "c": "add one new key  
value pair to json\\n"}
```

Sending Messages between 2 Users

A screenshot of a Linux desktop environment showing a terminal window. The terminal window has three tabs:

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

The second tab is currently active. The command `ls -lt` is being run in the terminal. The output shows file listings for both the current directory and the previous directory. The files are owned by www-data and modified by root.

```
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ ls -lt Gdiu9wYhBA\=\=/| head -5
total 72
-rw-r--r-- 1 www-data www-data 107 Apr 18 00:10 Cu0NktJNvg==
-rw-r--r-- 1 www-data www-data 106 Apr 17 21:05 FDM1whsJlQ==
-rw-r--r-- 1 www-data www-data 102 Apr 17 16:30 F8P7Cziahw==
-rw-r--r-- 1 www-data www-data 143 Apr 17 12:52 BnvZJy-K4w==

hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ ls -lt Bo7TIwYFyQ\=\=/| total 20
-rw-r--r-- 1 www-data www-data 107 Apr 18 00:10 'Cu0NktJNvg==''
-rw-r--r-- 1 www-data www-data 106 Apr 17 21:05 'FDM1whsJlQ==''
-rw-r--r-- 1 www-data www-data 102 Apr 17 16:30 'F8P7Cziahw==''
-rw-r--r-- 1 www-data root     143 Apr 17 15:54 'CetL5ydAug==''
-rw-r--r-- 1 www-data www-data 143 Apr 17 12:52 'BnvZJy-K4w=='
```

Activities Terminal

Sab 26 Apr, 16:40



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

hongwu@hongwu-Latitude-5480: ~

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

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

```
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ cat Bo7TIwYFyQ\=\=/Cu0N  
KtJNvg\=\= ;echo  
["2025-04-18T00:10:23.253+0000", "reply_to", "Bo7TIwYFyQ==", "Gdiu9wYhBA==", "FDM1whsJlQ==",  
", "TESTMESSAGE_0010"]  
hongwu@hongwu-Latitude-5480:/var/www/dmeta/o/auth/Graph/dmeta$ cat Bo7TIwYFyQ\=\=/FDM1  
whsJlQ\=\= ;echo  
["2025-04-17T21:05:18.218+0000", "reply_to", "Gdiu9wYhBA==", "Bo7TIwYFyQ==", "F8P7Cziahw==",  
", "reply_to g_x x:"]
```

Time-Hash Verification & Multilevel Verification

A message together with a millisecond (or nanosecond) timestamp generate a hash (hash code or hash number) that would be impossible to fake.

A hash contract containing a timestamp that has been verified by 3 parties (A, B and witness C) implies that all the parties have performed the minimal verification, that is to feed the contract text, user hashes together with the timestamp to generate a root hash.

This verification procedure may be repeated and extended to include more witnesses, signatories and conditions, together with new timestamps.

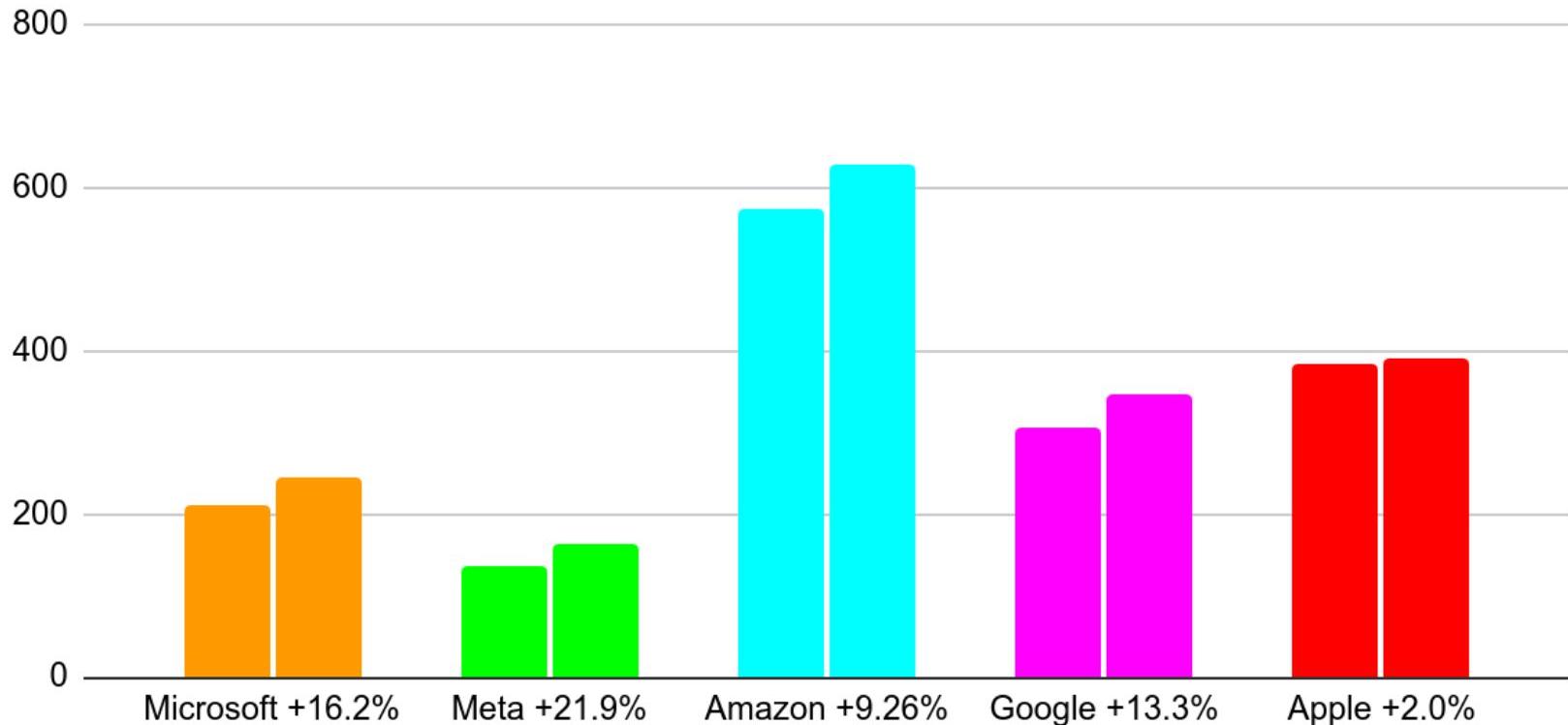
The hash generation procedure is guaranteed by the integer properties of ring theory, that is invariance on addition and multiplication, to be compatible with integer encoded texts.

Part III: Long term plan – MMAGA 0.1%

Part IV: Metanarchy: Decentralised Autonomous Organisations?
Technosocialism?

MMAGA Revenues 2023/24 (USD billions)

Total 2024: USD 1.776 Trillion (+10.27%)

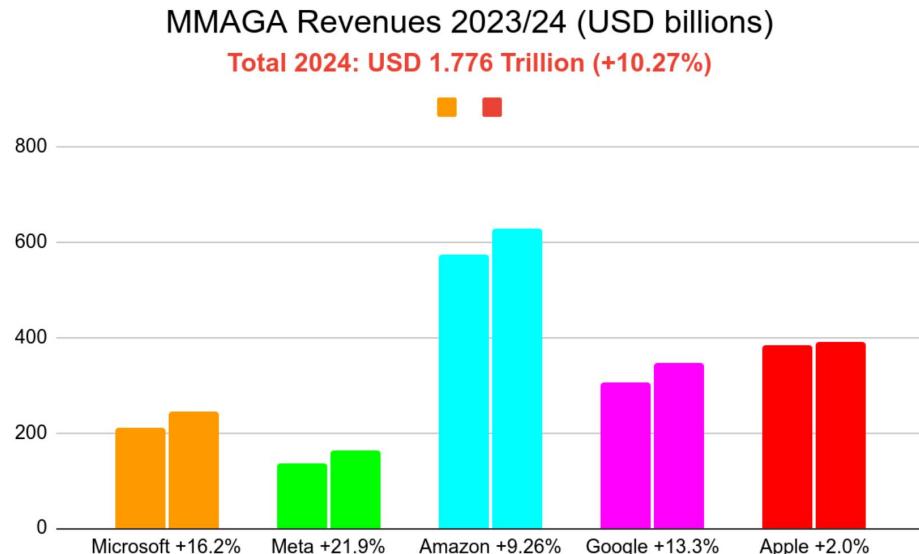


Part III: Long term plan

- MMAGA 0.1% by 2030

How to measure amount of free software / open source components used in MMAGA or other commercial companies?

- Use Hash?
 1. Hash contract.
 2. Open source tax.
 3. Project Management using Hash Codes



Github mysql hash code, example hash contract.

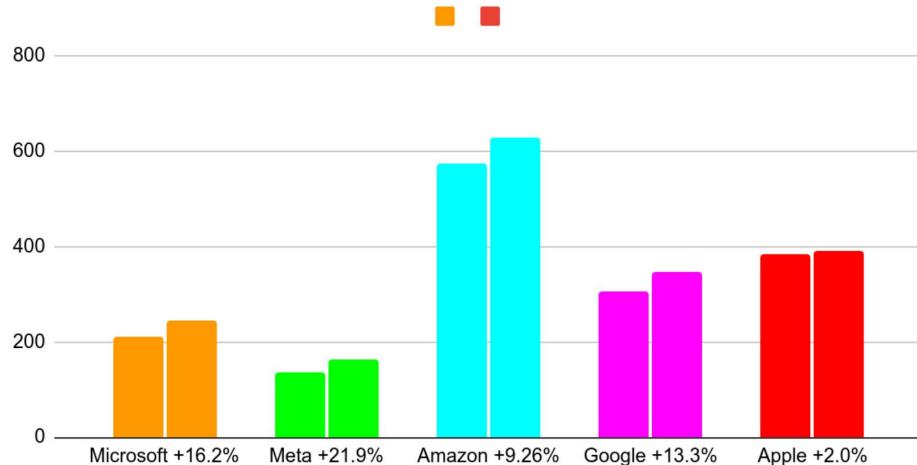
Hash code project coordination: jitsi meet.

Hash contract: An agreement between two or more parties, with optional witnesses, where signatories and contents of agreement are identified using hash codes.

Open source tax: a hash contract in which a user agrees to pay a fee to the owner or assignee of a piece of source code, upon meeting a certain condition, e.g. being a commercial entity with revenues exceeding USD 10k per year.

MMAGA Revenues 2023/24 (USD billions)

Total 2024: USD 1.776 Trillion (+10.27%)



Github mysql hash code, example hash contract.

Hash code project coordination: jitsi meet.



mysql / mysql-server

<> Code

Pull requests 1

Actions



mysql-server

Public

trunk ▾



Go to



dahlerlend committed 3 weeks ago



dahlerlend Revert "Bug#37510755 Perform...



ff05628 · 3 weeks ago



Docs

Merged BUG#37354028 fr...

3 months ago



client

Bug#37592337 Add cmak...

last month



cmake

BUG#37722500 Fix packa...

last month



components

WL#16505 component_ke...

2 months ago



doxygen_resources

Merged BUG#37354028 fr...

3 months ago

- o Revert "Bug#37510755 Performance regression in join for tables with m..."

...any columns" Change-Id:

I473cff52c3529a8a27347ca316af72386e0ef139

+90 -116



r 11.3k



MySQL Server, the world's most popular open source database, and MySQL Cluster, a real-time, open source transactional database.

🔗 www.mysql.com/

📖 Readme

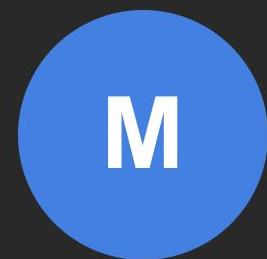
⚖️ View license

⚖️ Security policy



SVFIG April 2025

02:53



Toggle tile view



Liang Ng

Meeting participants (2)

+ Invite someone

Search participants

Mobile

Liang Ng (you)

Add breakout room

Mute all

...



jitsi / jitsi-meet



Code

Issues 127

Pull requests 60

Actions

Security 4

Insights



jitsi-meet

Public

Watch

512



Fork

7.1k



Star

25.3k



master ▾



Go to file



Code ▾

 saghul and
jallamsetty1

feat(local-recordings) remo... · 607073c · 10 hours ago

 .devcontainer

chore(node): Increment no... · 11 months ago

 .github

fix(ci) fix action branch name · last month

 android

feat(android): add build typ... · last month

 css

style(general) Replaced fix... · 2 weeks ago

 debian

feat(prosody): Drops supp... · 3 weeks ago

About

Jitsi Meet - Secure, Simple and Scalable Video Conferences that you use as a standalone app or embed in your web application.

↗ jitsi.org/meet

video

debian

webrtc

sfu

video-conferencing

video-communication

jitsi

jitsi-meet

Hash Contract: Open Source Tax

Beginning DD-MM-2025, any commercial entity listed on NYSE and NASDAQ, shall pay the equivalent of 0.1% of its annual revenues for using mysql-server in their operations.

Party A: github.com/mysql [hash of public key]

Party B: user of mysql-server [hash of public key]

Party C: witness [hash of public key]

Omni*App: General Purpose SuperApp Architecture

Phoscript engine can be embedded in any existing open source project, written in any programming language, starting from around 20 lines of “master control loop”, which perform the classic core FORTH interpreter operations:

- Split a space delimited string into tokens
- Push data token onto the data stack
- Execute function token and push results onto the data stack

https://github.com/udexon/Phoshell/blob/master/PhosIDE_Part_III.md

This demo was written in 2020: three.js rotating cube function is added to Jitsi Meet React source code, wrapped using Phoscript (FORTH like syntax), called via web browser console, which projects a grey-level silhouette onto a WebGL cube, showing 2 faces of the cube in the middle of the screen, with the projections silhouette in white on black background.



master ▾

Phoshell / PhosIDE_Part_III.md



Go to file

t

...



udexon Update PhosIDE_Part_III.md

28fdae4 · 5 years ago



102 lines (60 loc) · 5.77 KB

Preview

Code

Blame

Raw



PhosIDE Part III: Extracting Jitsi Meet BodyPix Mask as Three.js CanvasTexture on Rotating Cube in Chat Panel

1. In the following video, we demonstrated how Jitsi Meet BodyPix mask image can be displayed in the chat panel (`id="chatconversation"`) on a rotating cube using `three.js CanvasTexture`:

https://raw.githubusercontent.com/udexon/Phoshell/master/PhosIDE_part_III/blur_sway_camy.webm

Activities Chromium Web Browser PhosIDE_part_III_blur_sway_camy.webm

Open ... Phoom | Jitsi Meet - Chromium

phos.js x localhost-0529.js x output_rend DevTools - localhost:8081/phoom

Phoom | Jitsi Meet Not secure | localhost:8081/phoom

Elements Console 2 58

top

```
true fgl_cvst phos.js:1329  
true fgl_cvst phos.js:283  
CanvasTexture {uuid:  
"23CBA84A-FDA1-47A1-99EC-1BE69CC2B209", name: "",  
image: canvas, mipmaps: Array(0), mapping: 300, ...}  
true fgl_cube_cvst phos.js:1329  
Phos.F arguments 1 [object Arguments] phos.js:51  
S [object Object],0,0,0,,[object Object], [object HTMLCanvasElement], [object Object],1  
arguments[$i] camy: scene:  
in FGL S= [object Object],0,0,0,, phos.js:1236  
[object Object],[object HTMLCanvasElement],[object Object],1  
► (2) ["camy:", "scene:" ] phos.js:1243  
true fgl_camy phos.js:1329  
true fgl_scene phos.js:1329  
⚠ THREEx.WebGLRenderer: Texture three.module.js:21452  
has been resized from (1280x720) to (1024x512).  
2020-06-08T12:01:41.474Z Logger.js:154  
[modules/UI/videolayout/LargeVideoManager.js] hover  
in 4c33442b
```

Phoom | Jitsi Meet - Chromium

HD

phoom (me)

Type a message

0:24 0:07

Omni*App: General Purpose SuperApp Architecture

Waited 5 years since 2020 to establish Hash Contract using DJSON Decentralised JSON, to “monetise” Phoscript code and source code in other programming languages.

https://github.com/udexon/Phoshell/blob/master/PhosIDE_Part_III.md

Open Source Tax is only applicable if the target users are willing to comply.

Failing which, free software programmers may consider the CLONE option, to CLONE whatever software services those commercial entities are providing, very likely exploiting free software projects without paying.

Hash Contract DJSON provides free software programmers a convenient and powerful tool to coordinate large scale software projects, and incentivise free software programmers to produce high quality software to compete with commercial providers, e.g. Jitsi Meet.

Omnihash Coin?

Omnihash Coin: A DJSON Decentralised JSON encapsulating any one of fiat currency, cryptocurrency or physical bullion (gold/silver coins or bars), to be used in exchange of goods or services i.e. decentralised digital money.

Economic crises + Automation → more unemployment

Time → Digital Assets.

Reduce rich poor gaps: Is this a politically correct goal outside USA and China?

- Summary from Omnihash Cryptocurrency Google Doc.

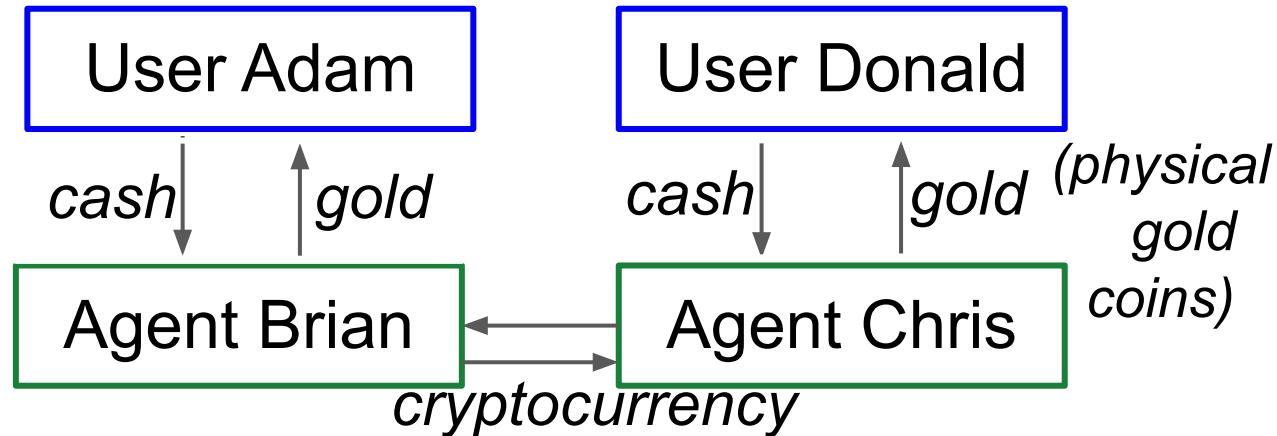
Infinite number of free markets, time as digital assets, gold bullion marked with hash, gold based currency transactions without central bank regulations.

Omnihash Gold (OMG)

Omnihash Gold (OMG) (sorry for the pun!!)

= Omnihash DJSON Physical Gold Coin Transactions

DJSON is used
to record and
verify each step
of the transaction.



Part IV: Metanarchy: Decentralised Autonomous Organisations? Technosocialism? Decentralised Artificial Intelligence System?

Even Donald J. Trump & families began issuing cryptocurrencies.

How can ordinary people fight such forces of corruption? Metanarchy.

- Metanarchy = Metaverse + (A)narchy

Infinite number of free markets, time as digital assets, gold bullion marked with hash, gold based currency transactions without central bank regulations.

- Will open source tax & cloning MMAGA services help enough programmers to slow the widening of rich-poor gaps?
- AI & machines have generated more wealth faster than previous eras.
- Reduction of rich-poor gaps or wealth distribution via Omnihash DJSON could be the answer.

Part IV: Metanarchy: Decentralised Autonomous Organisations? Technosocialism? Decentralised Artificial Intelligence System?

Free Software Education, Automated Government, Invisible Government,
Metanarchy.

Education is the most challenging – conquered with DJSON, the rest is easy.

- this one point is enough, cover metaprogramming mathematics.

From simple like to complex social media tasks, messages, etc. 3D animation and abstract mathematics.

Escutcheons of S



Niels Bohr (1885-1962)
Danish physicist. Nobel laureate in
1922.
Knighted (Order of the Elephant) in
1947.

Argent, a taijitu Gules and Sable.
Motto : *Contraria sunt complementa* (opposites
are complementary).

We wish to emphasise that unlike European confrontational philosophies and ideologies, the Taichi philosophy, summed up by renowned Danish physicist Niels Bohr as “contraria sunt complementa” in Latin or “opposites are complimentary “ in English, is applied in Omni*Web decentralised metaprogramming, where new technologies do not aim at eliminating old technologies, but at helping stakeholders, from nation states to individual citizens, make transitions.

forked from [symengine/symengine](#)

master



Go to file



<> Code

This branch is [20 commits ahead](#) of, [894 commits behind](#) [symengine/symengine:master](#).

**udexon** Update SymForth.md

e012a98 · 5 years ago

[SymForth](#)

Update SymForth.md

5 years ago

[benchmarks](#)

Add files via upload

5 years ago

[bin](#)

Formatting

6 years ago

[binder](#)

Fix binder build env path

6 years ago

[cmake](#)

Remove -march=native in ...

6 years ago

About

SymForth is SymEngine with Forth wrapper, a.k.a. Phoscript -- a fast symbolic manipulation library, written in C++, now with Reverse Polish Notation support.

[sympy.org](#)[Readme](#)[View license](#)[Activity](#)[13 stars](#)[1 watching](#)[0 forks](#)

Activities Terminal Sab 20:51 ● hongwu@hongwu-Dell-System-XPS-15Z: ~/devel/2020/symengine/symengine-master/Build/benchmarks

File Edit View Search Terminal Tabs Help

hongwu@hongwu-Dell-System-XPS-15Z: ~/Android/Sdk/ndk-bundle/toolchains/llv... x hongwu@hongwu-Dell-System-XPS-15Z: ~/devel/2020/symengine/symengine-mas... x hongwu@hongwu-Dell-System-XPS-15Z: ~/devel/2020/symengine/symengine-mast... x

0ms
number of terms: 3
Expanding r: $2*x*y + x^2 + y^2$
TOS 8

sm_string: x sym: y sym: add: 2 3 + pow: 3 5 +
sym: TOS x
Expanding: x
sym: TOS y
Expanding: y
In add: Expanding: x + y
+: 5 3 2 5
In pow:
Expanding a: x + y
Expanding: $(x + y)^5$
0ms
number of terms: 6
Expanding r: $5*x^4*y^4 + 10*x^2*y^3 + 10*x^3*y^2 + 5*x^4*y + x^5 + y^5$
+: 8 5 3 8
ystack TOS: 8
(base) hongwu@hongwu-Dell-System-XPS-15Z:~/devel/2020/symengine/symengine-master/Build/benchmarks\$./expandv x sym: y sym: add: 2 3 + pow: 3 5 +

Part IV: Metanarchy: Decentralised Autonomous Organisations? Technosocialism? Decentralised Artificial Intelligence System?

- Metanarchy 2040
- 1. 2030: MMAGA 0.1% = USD 1.8 billion revenues.
- 2. 2035: MMAGA 1% = USD 18 billion revenues.
- 3. 2040: MMAGA 10% = USD 180 billion revenues.

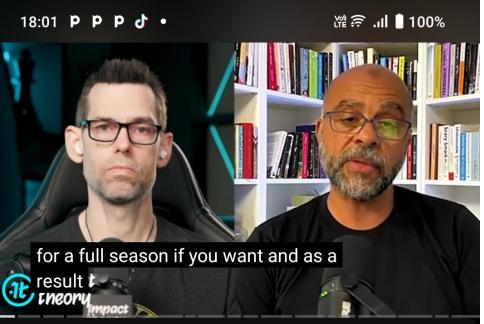
Most crucial is wealth gap amongst programmers, because they are the most knowledge-intensive group.

Decentralised Artificial Intelligence with hash indexed database may need novel FORTH derived processor architecture.

In year 2000, Russian scientists visited Malaysia to showcase nuclear submarine for power generation. Solution for maritime decentralised AI.

Free software programmers to run Asimov Foundation nodes on island nations in the Pacific as Omni*Web may be able to finance these islands.

6:24 digital soil



Description

"AI Is Creating a New God—And We're Not Ready" Mo Gawdat on AI, Tech Arms Race With China & UBI

10K

Likes

457,713

Views

Apr 9

2025

Impact Theory Podcast

Netsuite: Download the CFO's Guide to AI and Machine Learning at <https://impacttheory.com/ai-machine-learning-guide>
Found: Try Found for FREE at <https://found.com/impact>

check out Mo's substack

https://substack.com/@mo_gawdat

Do you need my help?
STARTING a business: join me here inside
ZERO TO FOUNDER (<https://tombilyeu.com/ztf>)
SCALING a business: click here to see if you
qualify (<https://tombilyeu.com/scaling>)



In this video

Timeline

Chapters

Transcript

Search in video

6:05 it un the difference between them is automation and and automation if you want is uh you know

6:12 the automation of a hunter is a spear but the automation of the farmer is the land right the soil okay most of the

6:19 work is not done by the farmer it's done by the soil and and when you look at the people who are currently building the

6:24 platform AIS uh they will own the soil the digital soil or the intelligence

6:29 soil if you want and so they will you know aggregate massive amounts of wealth

Itonian Vision Vs Job Uncertainty

Rich poor gap

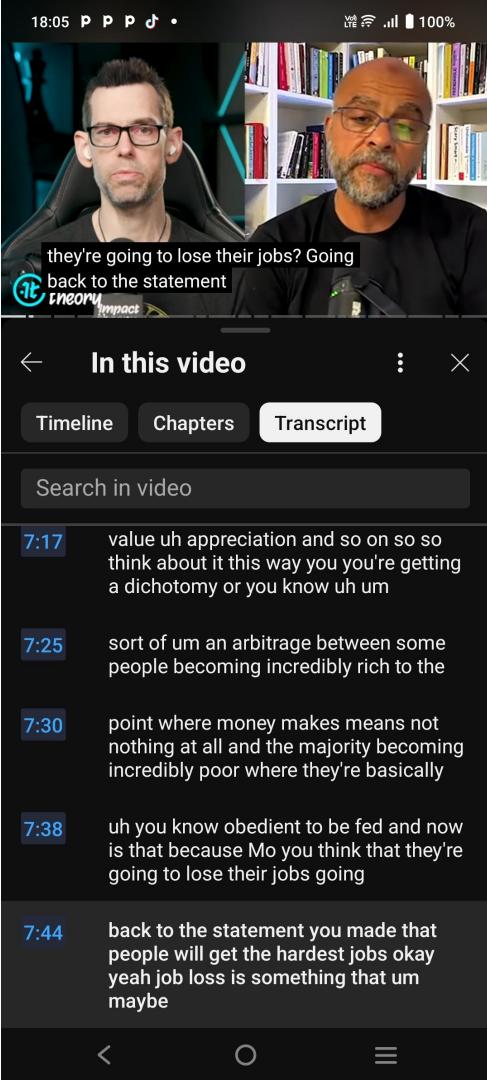
I'm very optimistic, because of Omnihash (since when?), FORTH (1968), plus I2P (since 2003).

Cardano Grille, or Chinese cryptography?

Clifford Cocks Public Key Algorithm since 1970s

Integer ring theory of hash numbers. SymFORTH?

How about you?



they're going to lose their jobs? Going back to the statement

AT theory impact

In this video

Timeline Chapters Transcript

Search in video

7:17 value uh appreciation and so on so so think about it this way you you're getting a dichotomy or you know uh um

7:25 sort of um an arbitrage between some people becoming incredibly rich to the

7:30 point where money makes means not nothing at all and the majority becoming incredibly poor where they're basically

7:38 uh you know obedient to be fed and now is that because Mo you think that they're going to lose their jobs going

7:44 back to the statement you made that people will get the hardest jobs okay yeah job loss is something that um maybe

Show questions and answers from video

Add my own comments

Good video that covers everything in depth

Distribute power!! Omnihash!!

Get SVFIG friend to inform Mo G?

The image shows two side-by-side screenshots of a video player interface, likely from a mobile device. Both screens display a video of a man with glasses and a beard speaking in front of a bookshelf. The video player has a dark theme with white text.

Left Screen (Video Preview):

- Top status bar: MY MAXIS 00:11, battery 95%.
- Video frame: The man is gesturing with his right hand. Subtitles at the bottom of the frame read: "both. It's as simple as that. Intelligence is the theory".
- Bottom controls: In this video, Timeline, Chapters, Transcript (highlighted), and Search in video.

Right Screen (Transcript View):

- Top status bar: 00:04, battery 92%.
- Video frame: The same man speaking.
- Bottom controls: In this video, Timeline, Chapters, Transcript (highlighted), and Search in video.
- Transcript content:

 - 1:13:28 the stakes are high the response the retaliation becomes higher okay neither of those scenarios are scenarios you
 - 1:13:34 want what you actually want is you want to distribute power okay as a matter of fact you want to imagine a world where
 - 1:13:42 everything's free which I know it sounds really weird but I promised you I'm not
 - 1:13:49 a hopeless romantic this is literally at our fingertips okay so you imagine a
 - 1:13:55 world in when where the native Americans were walking the land and they would pick uh you know fruits from the tree or
 - 1:10:47 collision course you're telling me I'm probably misreading China and that there's certainly an appeal to be made
 - 1:10:52 to the US government to not perceive China as a military threat for sure
 - 1:10:57 so with your perspective what what do you see the um the cold wars role being
 - 1:11:06 in this transitional period before we get to that age of
 - 1:11:11 abundance uh I I I unfortunately believe that uh the this concentration
 - 1:11:19 of power or that that uh race for supremacy that leads to concentration of power okay is uh is going to hurt us

MY MAXIS 00:22

1.3 K/s 56 94

cases, the other lawyer will have to use
All that theory

In this video

Timeline Chapters Transcript

Search in video

machines willingly or not okay because

1:16:57 if you're a general that hands over your your arsenal to an AI to control the

1:17:02 other general on the enemy's side is toast unless he hands over to an AI to

1:17:08 deal with it okay eventually and every other general by the way in the world that doesn't have the AI is gone it's

1:17:15 out of the game right if you're a a lawyer that's using AI to to to you know

1:17:21 defend your cases the other lawyer will have to use AI to defend their their cases and all of the other law lawyers

MY MAXIS 00:26

375 B/s 56 94

uh tradeoff, believe it or not, applies
to the deer, theory impact

In this video

Timeline Chapters Transcript

Search in video

1:20:16 individuals rise some some individuals are higher than others in every society in the world but we know the the

1:20:22 western way is we want one individual to be worth \$250 billion and the others to be worth

1:20:28 \$250 right the the east will say "No no we want everyone to be worth

1:20:33 \$2,500 and the wealthiest man to be worth hundred billion dollars only." Okay and so you know that kind of uh

1:20:41 tradeoff believe it or not applies to the deer right because the deer society



In this video

Timeline Chapters Transcript

Search in video

becomes true and we hand over to the machines in

1:23:28 my perception they'll make us they'll make us their lovely pets like you guys you know live here everything is

1:23:35 provided you know just don't bother me too much and you know I'm going to go and ponder the cosmos and see you know

1:23:41 how wormholes really work but are you guys okay are you eating are you happy are you having sex everything's fine are

1:23:48 that's you know I don't see any other scenario all right let paint another scenario for



In this video

Timeline Chapters Transcript

Search in video

1:24:59 very pointedly do you feel that ultimately humans are a midwife species

1:25:05 to synthetic intelligence may I ask first which one would you be

1:25:12 oh for sure I would integrate technology i won't be an early adopter just because I worry about something going wrong uh

1:25:19 but the second that's a stable technology for sure okay so so um so so I I have to say I

1:25:28 struggled with that uh thought quite a bit i'm older i've had a wonderful life



In this video

Timeline Chapters Transcript

Search in video

1:25:40 the limitations and vulnerabilities of being human okay and there there is a

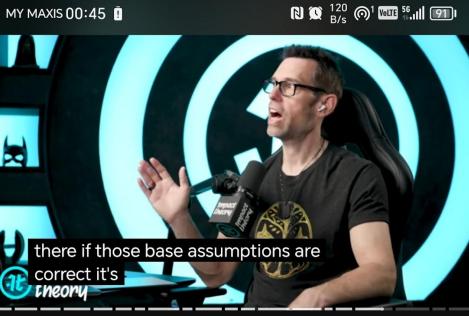
1:25:47 point if you really think deeply about it where I'm not for or against by the

1:25:52 way okay but uh but you know there is a moment where

1:25:57 um AI is the source of all economic growth and my augmentation of 50 basis

1:26:05 points or a 100 basis points of IQ more doesn't add any difference whatsoever

1:26:11 okay so so you and I if if you and I are competing for the best podcast in the



In this video

Timeline Chapters Transcript

Search in video

1:36:19 are getting access to AI because the intelligence matters so much so number

1:36:24 one I have a base assumption that there are humans that are just so compelled by making sure that this is accessible to

1:36:30 everybody that it it will go as far as it can uh number two I have the base assumption that AI will continue to do

1:36:38 our bidding if it doesn't then everything that I paint just won't come to fruition number three I assume that

1:36:44 the level of intelligence that AI will achieve will allow them to capture the energy of the sun extremely efficiently

Transition to utopia



don't have to wait for patient 1000 to imagine those scenarios and start doing

In this video

Timeline Chapters Transcript

Search in video

thousand lives and we all fit prop you

1:38:06 know properly in the simulation if we so choose right uh but the transition oh my

1:38:12 god the transition is really really interesting and and the transition the

1:38:18 way you describe it when you're in your chamber and and you know others are not that's a very very interesting moment to

1:38:24 consider okay you know it is and interestingly we don't have to wait for

1:38:31 patient 1000 to imagine those scenarios and start doing something about them i

How to share my latest FORTHish word with the world?

DJSON + Phoscript = Omni*Web

- Few appreciate roles of FORTH in Bitcoin and Blockchain revolutions,because few know FORTH.
- Without FORTH, Bitcoin & Blockchain impossible.
- Same with Omni*Web, simplifies and unifies programming languages, bridges programming and mathematics.

1. 2 tier unification: Phoscript unifies programming languages + DJSON unifies data sources

Grand Unification Framework / Omni*Web

2. Gui is bottleneck

All current available gui / Better gui library documentation to attract programmers to improve gui

3. Biggest attraction is I2P itself, then data later.
4. Estimated timeline for above

How to share my latest FORTHish word with the world?

DJSON + Phoscript = Omni*Web

- This presentation may look like an ordinary demo how setting up a web page, but the crucial difference is how we implement a “Decentralised Web” using existing solutions, i.e.
I2P + DJSON + Phoscript = Omni*Web
- Decentralised Web
- Share FORTHish words but in other programming languages plus general document formats
- Application, Architecture, Financial

How to share my latest FORTHish word
with the world?

DJSON + Phoscript = Omni*Web

I2P + DJSON + Phoscript = Omni*Web

Liberty + Fraternity + Equality = French Revolution
1789 to 1949 = 160 years

- A little more ambitious: 0.1% of MMAGA Revenues = USD 1.8 trillion in 2024
- MMAGA = Microsoft, Meta, Amazon, Google, Apple
- Application, Architecture, Financial

- Same with Omni*Web, simplifies and unifies programming languages, bridges programming and mathematics.
- Show symforth and other Phoscript implementations on different host programming languages
- FORTH has literally become the most valuable programming language by virtue of Bitcoin and other cryptocurrencies.
- But mining machines make wealth concentrated in the hands of miners.
- DJSON shall change that, making it truly possible to establish an egalitarian world, except if Order 66 happens (Monty Python joke).

- I may not succeed. But I have established the theory. It may only need someone as crazy as Ishowspeed to succeed.
- Maybe Omni*Web can help Americans and USD?
- By creating a gold based new currency with soft landing for current USD regime?
- I may not know how to simulate, but I2P ensures sufficient resources, DJSON ensure coordination and collaboration of top talents who know how to create simulation software for avoiding economic crises
- Application, Architecture, Financial

- Use Taiji Diagram to illustrate non-confrontation, Gandhi active non-violence?
- Maybe Omni*Web can help Americans and USD?
- By creating a gold based new currency with soft landing for current USD regime?
- I may not know how to simulate, but I2P ensure sufficient resources, DJSON ensure coordination and collaboration of top talents who know how to create simulation software for avoiding economic crises
- Application, Architecture, Financial

Inspector Debugger Console Network Style Editor Performance »

Filter Output Errors Warnings Logs Info Debug CSS XHR Requests ⚙

986 before FGLA [["phos", 0, {}], ["F_0", 0, {}]]

[libphosm.js](#) line 11 > [srcScript:1034:25](#)

FGLA

▶ Array(14) ["dup:", "dup:", "to:", "clog:", "body", "getn:", "0",
"i:", "div", "ce:", ...]

VM PHOS

[libphosm.js](#) line 11 > [srcScript:1245:33](#)

string

[libphosm.js](#) line 11 > [srcScript:938:17](#)

VM PHOS

2 [libphosm.js](#) line 11 > [srcScript:1245:33](#)

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

[libphosm.js](#) line 11 > [srcScript:1038:25](#)

986 before FGLA [["phos", 0, {}], ["F_0", 0, {}]]

[libphosm.js](#) line 11 > [srcScript:1034:25](#)

FGLA

▶ Array(14) ["dup:", "dup:", "to:", "clog:", "body", "getn:", "0",
"i:", "div", "ce:", ...]

VM PHOS

[libphosm.js](#) line 11 > [srcScript:1245:33](#)

string

[libphosm.js](#) line 11 > [srcScript:938:17](#)

VM PHOS

2 [libphosm.js](#) line 11 > [srcScript:1245:33](#)

» f(" : B_AUTH1 SESSION: AUTH i: PBK i: o_hash.json l_cdwjs h_b64 Graph/djson ldj rg: s: ; : A_AUTH1 B:
B_AUTH1 F_0 ; A_AUTH1")

yo6sgmfq7pfvvp2e4kcuhtfjfx

+



https://yo6sgmfq7pfvvp2e4kcuhtfj7wfllt63igwcuhbmuqm6lu3a3a.b32.i2p/o/?nn=zeta

170%



Gdiu9wYhBA==/EKHVs1FspA==',) fgl_s 340 < 9 > array (0 => array (0 => {"B_AUTH1":
["HTTP","SESSION:","AUTH","i:","PBK","i:","o_hash.json","l_cdws","h_b64","dun","last","bXloYXNoIGV2Og==","b64d:","2","p
1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4 => 'lcdw:
'Gdiu9wYhBA==', 4 => 'myhash ev:', 5 =>
'Gdiu9wYhBA==', 5 => 'myhash ev:',), 6 =
{"4":""}, "0":"2025-04-15T16:07:37.364+000
{"4":""}, "0":"2025-04-15T16:07:37.364+000
array (0 => {"B_AUTH1":
["HTTP","SESSION:","AUTH","i:","PBK","i:
1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4 => 'lcdw:
'Gdiu9wYhBA==', 4 => 'myhash ev:', 5 =>
'Gdiu9wYhBA==', 5 => 'myhash ev:',), 6 =
{"4":""}, "0":"2025-04-15T16:07:37.364+000
{"4":""}, "0":"2025-04-15T16:07:37.364+000
array (0 => array (0 => {"B_AUTH1":
["HTTP","SESSION:","AUTH","i:","PBK","i:
1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4 => 'lcdw:
'Gdiu9wYhBA==', 4 => 'myhash ev:', 5 =>
'Gdiu9wYhBA==', 5 => 'myhash ev:',), 6 =
{"4":""}, "0":"2025-04-15T16:07:37.364+000
{"4":""}, "0":"2025-04-15T16:07:37.364+000
array (0 => array (0 => {"B_AUTH1":
["HTTP","SESSION:","AUTH","i:","PBK","i:
1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4 => 'lcdw:
'Gdiu9wYhBA==', 4 => 'myhash ev:', 5 =>
'Gdiu9wYhBA==', 5 => 'myhash ev:',), 6 =
{"4":""}, "0":"2025-04-15T16:07:37.364+000
{"4":""}, "0":"2025-04-15T16:07:37.364+000
EKHVs1FspA==', 10 => {"4":""}, "0":"2025-
'Graph/dmeta//EKHVs1FspA==',) fgl_s 340 < 9 > array (0 => {"B_AUTH1":
["HTTP","SESSION:","AUTH","i:","PBK","i:","o_hash.json","l_cdws","h_b64","dun","last","bXloYXNoIGV2Og==","b64d:","2","p

post ajax:
fgl_s 340 < 9 > array (0 => array (0 => {"B_AUTH1":
["SESSION:","AUTH","i:","PBK","i:","o_hash.json","l_cdws","h_b64","Gr
aph/json","l_dj","r_g","s:",""]}, 1 => 'jd:', 2 => 'cdw:', 3 => 'am:', 4 =>
'lcdw:', 5 => 'B_AUTH1',), 1 => 'Graph/dmeta/C9y4Gu6Ngw==', 2 =>
array (0 => 'Graph/json/GMc0QmGU8w==:1:{k:v1,"t":"2025-04-15
03:02:27.154400","u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 1 => 'Graph/json/HkjzIznYkw==:1:{k:v5,"t":"2025-04-15
03:42:59.616100","u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 2 => 'Graph/json/GNTmrHvCDg==:1:{t:2025-04-02
06:49:10.649000,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 3 => 'Graph/json/HoptWgjn4w==:1:{k:v3,"t":"2025-04-15
03:36:59.913300","u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 4 => 'Graph/json/FS7Cp9sbtw==:1:{t:2025-04-02
05:36:05.108300,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 5 => 'Graph/json/G9Vuw361KA==:1:{k:v2,"t":"2025-04-15
03:03:02:36.397000","u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 6 => 'Graph/json/Gcz23O3b4A==:1:{t:2025-04-02
06:27:03.225500,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 7 => 'Graph/json/EWrGyZG1zQ==:1:{k:v,"t":"2025-04-14
14:49:42.806500,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 8 => 'Graph/json/HNccwlC48w==:1:{t:2025-04-02
06:48:48.889400,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 9 => 'Graph/json/Dqj09A2k1:{k:v,"t":2025-04-15
02:53:17.116200,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 10 => 'Graph/json/HVKhGwNFA==:1:{t:2025-04-02
06:03:51.564400,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 11 => 'Graph/json/EjugC0tPdA==:1:{t:2025-04-02
06:35:35.094800,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 12 => 'Graph/json/DghaA0RGE==:1:{t:2025-04-02
06:02:37.487900,"u":"nobody_hash","x":"ldj","c":"documentation for
ldj\n"}, 13 => 'Graph/json/Gp97eF71Q==:1

ok

SEND

GET

DSC

cmd

123

Encrypted_Message

Any_other_remarks

Misc

Inspector Debugger Console Network Style Editor Performance »

Filter Output Errors Warnings Logs Info Debug CSS XHR Requests ⚙

```
";", "s:", "rg:", ... ]  
libphosm1 r libphosm.js line 11 > srcScript:1171:21  
▶ Array(21) [ "A_AUTH1", ";", "F_0", "B_AUTH1", "B:", "A_AUTH1", ":" ,  
";", "s:", "rg:", ... ]  
986 before FGLA [[ "phos", 21, {} ], [ "A_AUTH1", 21, {} ]]  
FGLA libphosm.js line 11 > srcScript:1034:25  
▶ Array(3) [ "B:", "B_AUTH1", "F_0" ] libphosm.js line 11 > srcScript:1178:17  
VM PHOS libphosm.js line 11 > srcScript:1245:33  
in f_B S0.CDW [[ "phos", 21, {} ], [ "A_AUTH1", 0, {} ]]  
libphosm1 r libphosm.js line 11 > srcScript:527:17  
▶ Array(4) [ "xsrqh:", "xo:", "auth/phosm2.php", "nxhr:" ] libphosm.js line 11 > srcScript:1171:21  
libphosm1 r libphosm.js line 11 > srcScript:1171:21  
▶ Array(3) [ "xsrqh:", "xo:", "auth/phosm2.php" ] libphosm.js line 11 > srcScript:1171:21  
libphosm1 r libphosm.js line 11 > srcScript:1171:21  
▶ Array [ "xsrqh:", "xo:" ] libphosm.js line 11 > srcScript:1171:21  
libphosm1 r libphosm.js line 11 > srcScript:1171:21  
▶ Array [ "xsend:", "je:" ] libphosm.js line 11 > srcScript:1171:21  
990 after FGLA [] libphosm.js line 11 > srcScript:1038:25  
← undefined  
» f(): B_AUTH1 SESSION: AUTH i: PBK i: o_hash.json l_cdwjs h_b64 Graph/djson ldj rg: /04-15/ g: s: ; :  
A_AUTH1 B: B_AUTH1 F_0 ; A_AUTH1" ) I
```

