



IMPROVING THE HUMAN VECTOR

With Emoji

@vbatts



```
$> finger $(whoami)
Login: vbatts                               Name: Vincent Batts
Directory: /home/vbatts                   Shell: /bin/bash
Such mail.
Plan:
OHMAN
$> id -Gn
devel opencontainers docker appc redhat golang slackware
```



OVERVIEW

OVERVIEW

Ridiculousness

OVERVIEW

Ridiculousness

Emoji

OVERVIEW

Ridiculousness

Emoji

More Ridiculousness

OVERVIEW

Ridiculousness

Emoji

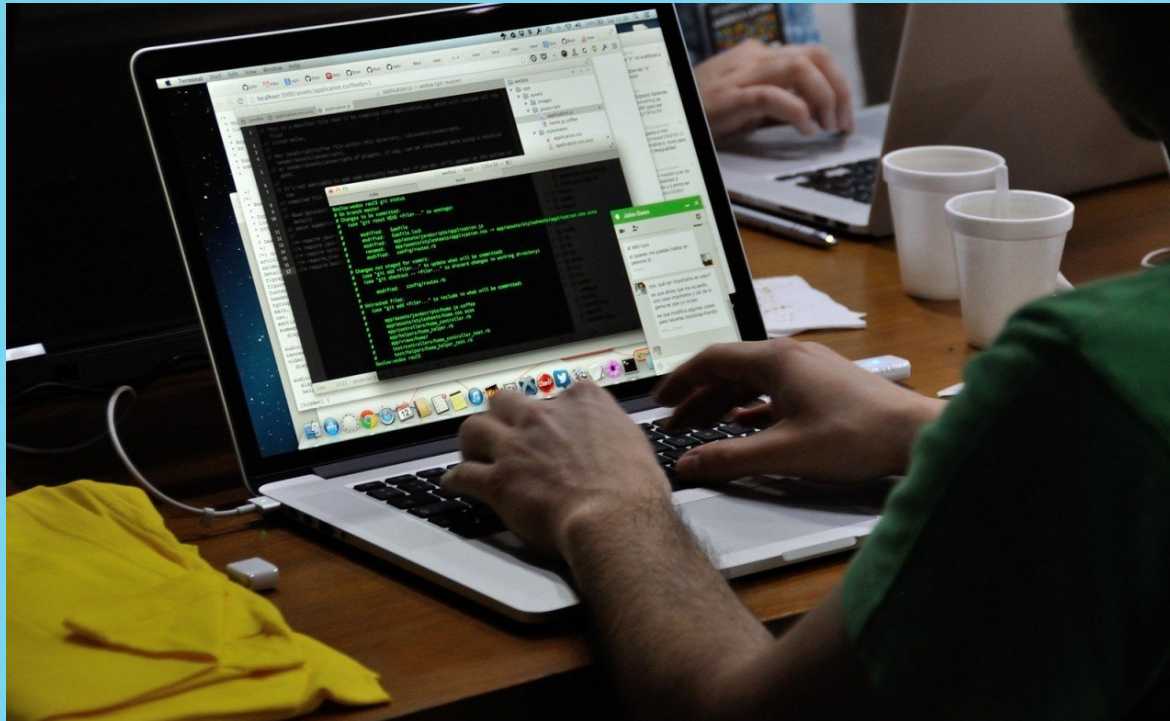
More Ridiculousness

Profundity of it all

RIDICULOUSNESS

```
[vbatts@hack] {master} ~$ ssh infra0
The authenticity of host 'infra0 (192.168.0.23)' can't be established.
ECDSA key fingerprint is 0d:e2:0f:df:9d:18:1b:a6:e9:62:7d:61:f0:e4:be:e6.
Are you sure you want to continue connecting (yes/no)? 
```


RIDICULOUSNESS



(source)

RIDICULOUSNESS

```
[vbatts@hack] {master} ~$ ssh infra0
The authenticity of host 'infra0 (192.168.0.23)' can't be established.
ECDSA key fingerprint is 0d:e2:0f:df:9d:18:1b:a6:e9:62:7d:61:f0:e4:be:e6.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'infra0,192.168.0.23' (ECDSA) to the list of known hosts.
```

mirror.cisp.com/CentOS/7/isos/x86_64/			
	CentOS-7-x86_64-LiveGNOME-1804.torrent	11-May-2018 11:43	52K
	CentOS-7-x86_64-LiveKDE-1804.iso	02-May-2018 14:28	1.8G
	CentOS-7-x86_64-LiveKDE-1804.torrent	11-May-2018 11:43	71K
	CentOS-7-x86_64-Minimal-1804.iso	03-May-2018 17:07	906M
	CentOS-7-x86_64-Minimal-1804.torrent	11-May-2018 11:43	36K
	CentOS-7-x86_64-NetInstall-1804.iso	03-May-2018 16:34	495M
	CentOS-7-x86_64-NetInstall-1804.torrent	11-May-2018 11:43	20K
	sha1sum.txt	09-May-2018 16:02	454
	sha1sum.txt.asc	11-May-2018 11:12	1.3K
	sha256sum.txt	09-May-2018 15:59	598
	sha256sum.txt.asc	11-May-2018 11:12	1.4K

4e	ead850afed0fc7d170c23bfabfed379419db	79	CentOS-7-x86_64-E
30	01a62327128924b9ca53eee532999a7fdea2	63	CentOS-7-x86_64-L
88	05fabf2cce6ba6818cd61cd91d35bce6c372	3b	CentOS-7-x86_64-L
13	675c6f74880e7ff3481b91bdaf925ce81bda	8f	CentOS-7-x86_64-M
cc	75ca6ee278ec21b1d6fc6ce12f097b13836d	2a	CentOS-7-x86_64-N

😬 EMOJI 🦴

 **EMOJI** 

Like it or Hate it, it's a form of communication

 **EMOJI** 

Like it or Hate it, it's a form of communication

They're for Humans, because machines have checksums handled

😬 EMOJI 🦴

```
[vbatts@hack] {master} ~$ ssh infra0
The authenticity of host 'infra0 (192.168.0.23)' can't be established.
ECDSA key fingerprint is 0d:e2:0f:df:9d:18:1b:a6:e9:62:7d:61:f0:e4:be:e6.
Are you sure you want to continue connecting (yes/no)?
```

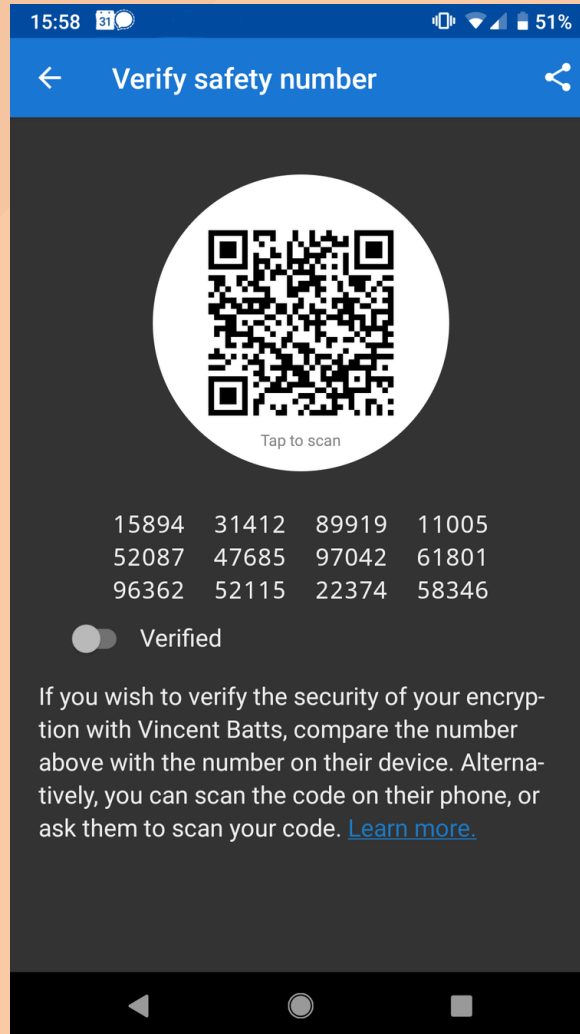

😬 EMOJI 🦴

```
[vbatts@hack] {master} ~$ ssh infra0
The authenticity of host 'infra0 (192.168.0.23)' can't be established.
ECDSA key fingerprint is 🗼:™:🎩:🎾:🍎:🐷:🏹:💩:🏆:👩:🚰:🐻:🔒:👄:👩:🚗.
Are you sure you want to continue connecting (yes/no)?
```

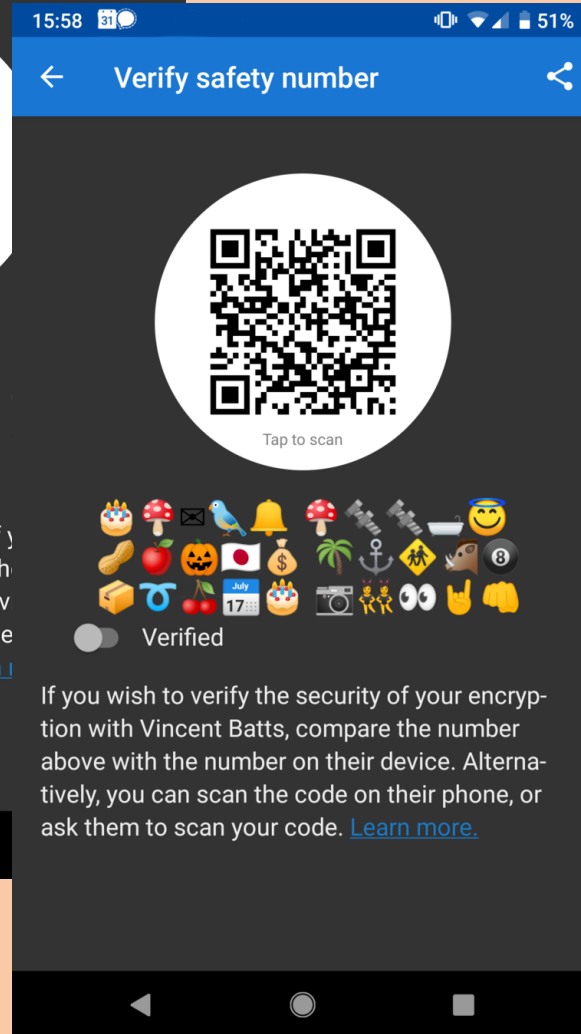
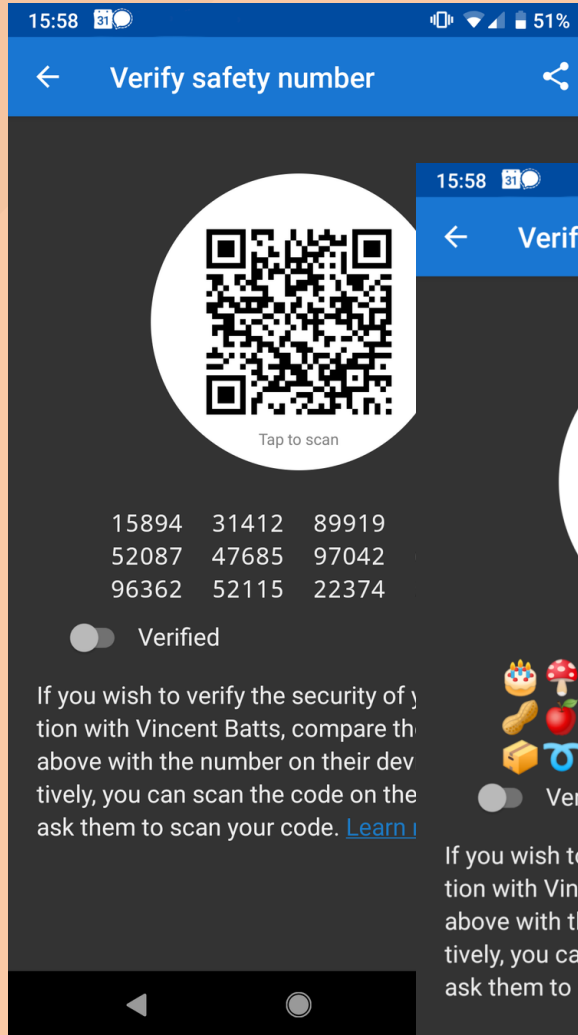
[\(source\)](#)

THE POSSIBILITIES!

- Container Image ID and Digests
- Messenger fingerprints
- ssh fingerprint
- GPG fingerprint
- gcc BuildID
- git commit
- keybase.io



(source)







(source)

f0d758a (pr/30) **emoji**: adding a helper to parse a hex string into codepoint
901f45f (pr/29) **emoji**: generate the list.md
b3393a6 **emoji**: the URL needs to be lowercase to work
a1c34a4 (pr/28) **emoji**: update spec **for** combination unicode

[\(source\)](#)

f0d758a (pr/30) **emoji:** adding a helper to parse a hex string into codepoint
901f45f (pr/29) **emoji:** generate the list.md
b3393a6 **emoji:** the URL needs to be lowercase to work
a1c34a4 (pr/28) **emoji:** update spec **for** combination unicode

 (pr/30) **emoji:** adding a helper to parse a hex string into codepoint
 (pr/29) **emoji:** generate the list.md
 **emoji:** the URL needs to be lowercase to work
 (pr/28) **emoji:** update spec **for** combination unicode

[\(source\)](#)

```
$ file `realpath /lib64/libc.so.6`  
/usr/lib64/libc-2.27.so: ELF 64-bit LSB shared object, x86-64, version 1 (GNU/Linux),  
dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2,  
BuildID[sha1]=4677f12c31fa6c18c9925096f32e71afd4c71327, for GNU/Linux 3.2.0, not stripped
```

[\(source\)](#)

```
$ file `realpath /lib64/libc.so.6`  
/usr/lib64/libc-2.27.so: ELF 64-bit LSB shared object, x86-64, version 1 (GNU/Linux),  
dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2,  
BuildID[sha1]=4677f12c31fa6c18c9925096f32e71afd4c71327, for GNU/Linux 3.2.0, not stripp
```

```
$ file `realpath /lib64/libc.so.6`  
/usr/lib64/libc-2.27.so: ELF 64-bit LSB shared object, x86-64, version 1 (GNU/Linux),  
dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2,  
BuildID[sha1]=👊🔑🇵🇸🍵🐮♿🐎👊🏴🇵🇸📦📺🍪🍦♻️🚗🚲🚩, for GNU/Linux 3.2.0, not str
```

[\(source\)](#)

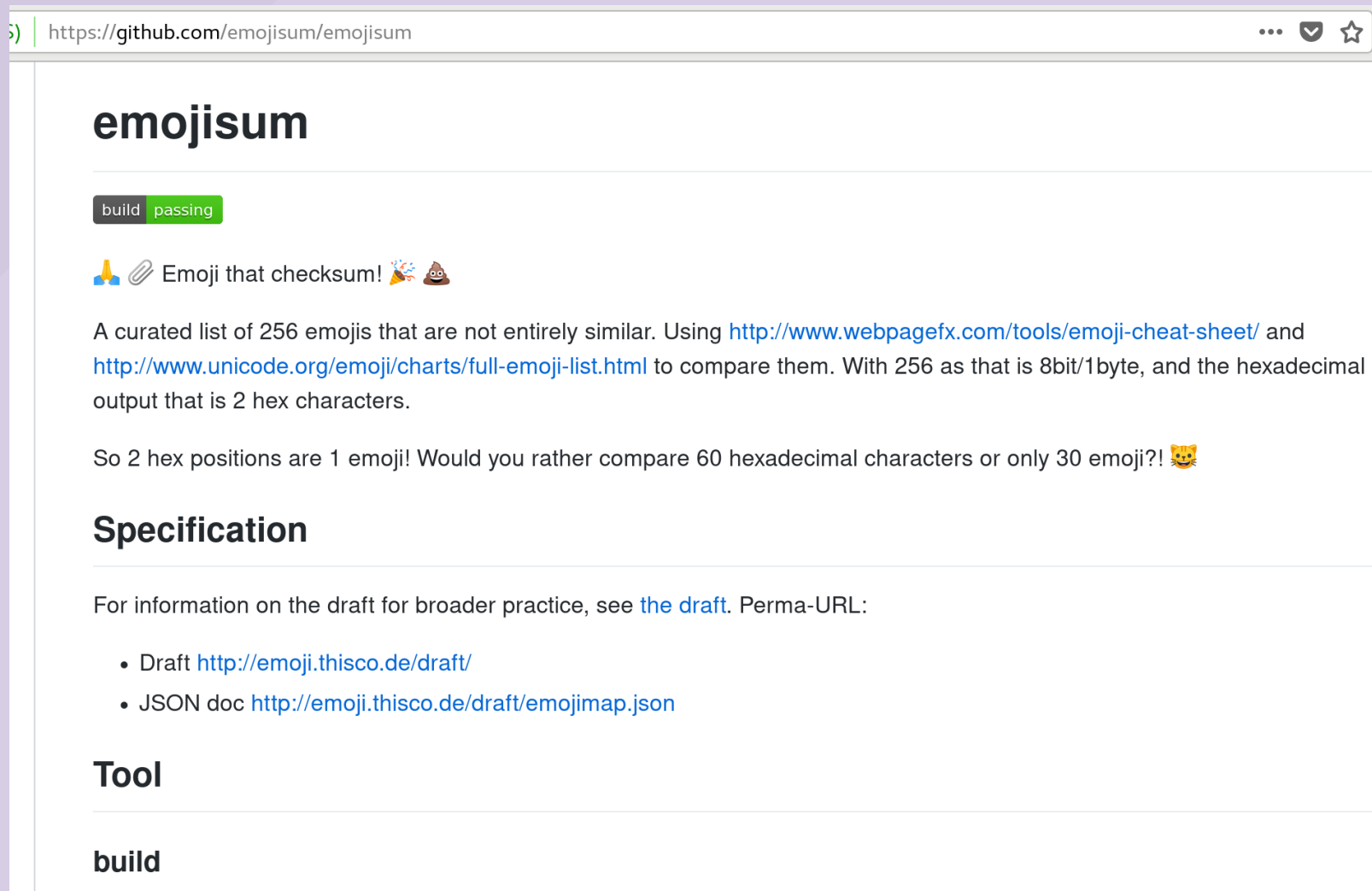
MORE RIDICULOUSNESS

MORE RIDICULOUSNESS

[emojisum](#)



MORE RIDICULOUSNESS

emojisum



The screenshot shows a web browser window with the address bar containing "https://github.com/emojisum/emojisum". The page title is "emojisum". Below the title, there is a green badge that says "build passing". The main content area features a paragraph of text, a "Specification" section, and a "Tool" section. The text describes a curated list of 256 emojis and provides links to external resources. The "Specification" section mentions a draft and a JSON document. The "Tool" section is currently empty.

build passing

  Emoji that checksum! 🎉💩

A curated list of 256 emojis that are not entirely similar. Using <http://www.webpagefx.com/tools/emoji-cheat-sheet/> and <http://www.unicode.org/emoji/charts/full-emoji-list.html> to compare them. With 256 as that is 8bit/1byte, and the hexadecimal output that is 2 hex characters.

So 2 hex positions are 1 emoji! Would you rather compare 60 hexadecimal characters or only 30 emoji?! 🐱

Specification

For information on the draft for broader practice, see [the draft](#). Perma-URL:

- Draft <http://emoji.thisco.de/draft/>
- JSON doc <http://emoji.thisco.de/draft/emojimap.json>

Tool

build

```
$> go get github.com/emojisum/emojisum
$> shasum main.go
8c62923eb6c00525f00ea94a6a645c1fa6b140c6  main.go
$> shasum main.go | emojisun -pg
8c62923eb6c00525f00ea94a6a645c1fa6b140c6  main.go
:nail_care::hear_no_evil::o::dvd::rooster::shell::angel::cherries::unlock::banana::princess::fi
👉 🐼 🅔 ÿ 🗡 🐔 🐣 🍷 🍒 🗝 🍌 🐼 🔥 🔪 🐱 📱 🚌 🍌 📄 🍆 🐱 main.go
$>
```

(Golang package)

THE PROFUNDITY HERE

THE PROFUNDITY HERE

This project in and of itself is utterly ridiculous

LESSON LEARNED

LESSON LEARNED

Don't take yourself too serious

LESSON LEARNED

Don't take yourself too serious

Open Source These Days

LESSON LEARNED

Don't take yourself too serious

Open Source These Days

Take a deep breath

NEW THOUGHTS ON STATUS QUO

NEW THOUGHTS ON STATUS QUO

look for "accepted norms" with weak assumptions

DON'T TAKE YOURSELF TOO SERIOUS

NIH vs. weekend-hack-is-now-your-precious

DON'T TAKE YOURSELF TOO SERIOUS

NIH vs. weekend-hack-is-now-your-precious

Laugh at poor choices,
otherwise things get too rigid

OPEN SOURCE THESE DAYS

OPEN SOURCE THESE DAYS

"Business" and VC makes for urgent decisions

OPEN SOURCE THESE DAYS

"Business" and VC makes for urgent decisions

Under Commit, and Over Deliver

OPEN SOURCE THESE DAYS

"Business" and VC makes for urgent decisions

Under Commit, and Over Deliver
(not the inverse)

OPEN SOURCE THESE DAYS

"Business" and VC makes for urgent decisions

Under Commit, and Over Deliver
(not the inverse)
(please)

OPEN SOURCE THESE DAYS

Don't Be Hasty



TAKE A DEEP BREATH

TAKE A DEEP BREATH

toy with something unrelated and not critical

TAKE A DEEP BREATH

toy with something unrelated and not critical

learn a new language, or new algorithm, or new tech, or just have a break to approach regular challenges differently

THANK YOU

Vincent Batts

vbatts@

github.com/vbatts/talks