

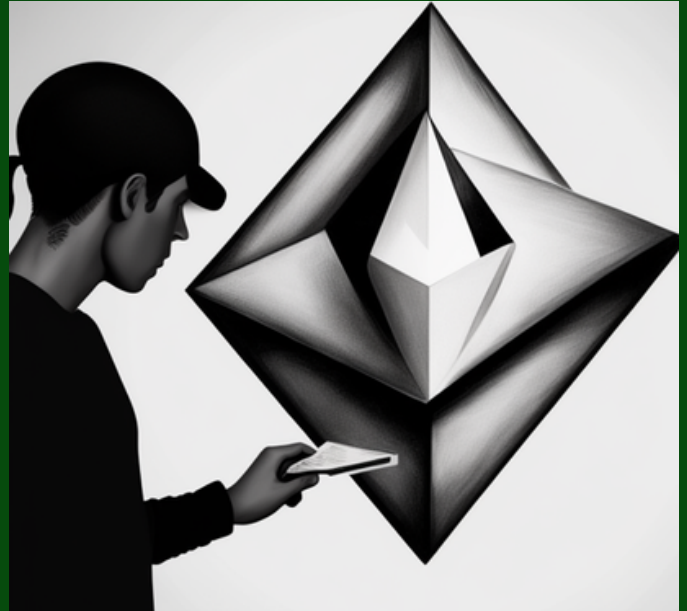
THE QUESTION

That do **brunch**, **Brangelina**, and **binance** all have in common? They are all **portmanteaus**!

On a basic level, portmanteaus are blend words. That is they take two words, do some funny linguistic function, and come out on the other side with a new word!

Believe it or not, the cryptoverse is littered with portmanteaus - from the anonymous coders to the well known degenerates.

This quick read explores how portmanteaus in the cryptosphere are formed and what they may look like in the future!



Classic examples in the cryptospace include altcoin (**alternative** + **coin**), tokenomics (**token** + **economics**), and dapps (**decentralized** + **apps**).

Amongst the latest portmanteau developments in the ethereum ecosystem are Shapella (**Shanghai** + **Capella**) and Dencun (**Deneb** + **Cancun**).

I'm not sure if you noticed, but these words do actually follow a formula! That is - the beginning of the first word is combined with the ending of the second word (**cryptocurrency** + **entrepreneur** = **cryptopreneur**)

Yet in classic crypto fashion - sometimes you have to break the rules. For instance, these words combine two beginnings: **financial** + **technology** = **finotech**, and **go** + **ethereum** = **geth**.

This is super rare in English linguistics! Much wow!

THE CONCLUSION

I know, I know - but Harry what did your python script come up with?

Well to be completely honest - mostly unpronounceable gibberish LOL. But hey programming phonetic constraints is super tough!

Anyways, here are some of my personable favorites: dappsto (**dapps** + **crypto?**), blockchaince (**blockchain** + **finance?**) and ethereumps (**ethereum** + **pumps?**)

Nice try computer, but let's leave portmanteaus to the cryptofolks. What word will we come up with next?

THE METHODOLOGY

The methodology for this quick project is a little time consuming but still fun:

- 1.) Find as many Portmanteaus about crypto in the wild (read the internet) as possible in an hour.
- 2.) Write a python script that creates portmanteaus with some Ethereum based words.
- 3.) Admire and laugh at the results.

THE FINDINGS

```
def hashimoto(dag, dagsize, params, header, nonce):
    m = dagsize / 2
    mix = sha3(encode_int(nonce) + header)
    for _ in range(params["accesses"]):
        mix ^= dag[m + (mix % 2**64) % m]
    return dbl_sha3(mix)
```

Example - hashimoto from Ethereum Github

Before going any further, I think we should make the difference clear between compound words and portmanteaus.

A compound word looks a little like this:
word + word = wordword (ex: shit + coin = shitcoin)

While a portmanteau looks something like this:
word + word = new word (ex: **hash** + **shift** + **modulo** = hashimoto)

Now that we have established that eth devs are both smart and funny let's look at some more examples!