

NewsChain

https://github.com/solinter/newschain

Decentralized news platform combining **news submission** to the **ethereum network** to identify news publishers and an open platform to provide additional services.

Status: Alpha

Hashtags: #journalism #news #democracy #community #fake-news #media #featured

Problems



Fake News: Deliberate misinformation spread with the intent to mislead.

Biased News: Political and financial interests.

Concentration: 6 Big Media giants control 90% what we read, watch and listen to.

New Incoming Risks: Net Neutrality, Censorship, etc.









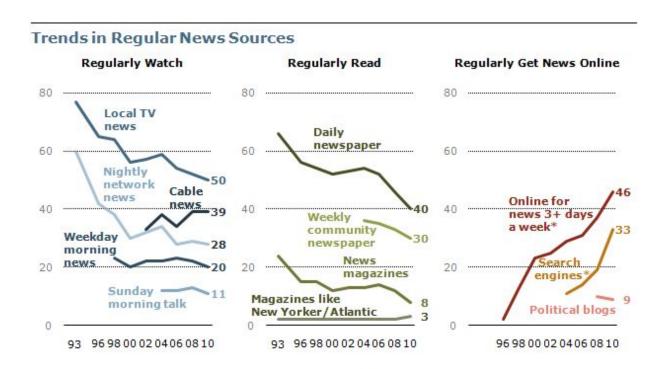


A News Publishing Ledger in a decentralized ethereum blockchain combining news submission to identify time-stamped news publishing proof and open access provisioning for third party services.



Market Size





PEW RESEARCH CENTER June 8-28, 2010. Q28aF1,bF1,k,o,p, Q30a-d, Q41, Q43, Q46 based on total. *Search engine use and general news online three or more days a week. All other trends are percent who use "regularly."

Market Situation/Validation



How people read news today:

HARD NEWS

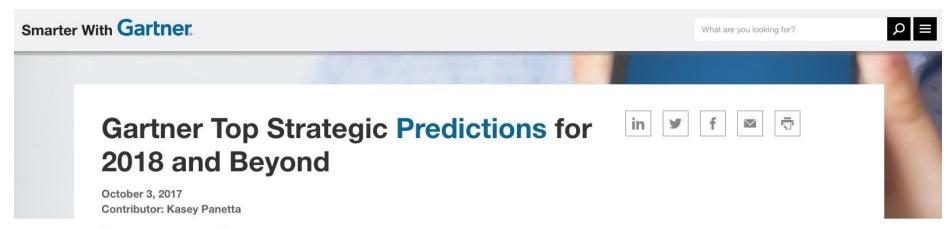
- Politics
- Economy
- Foreign Affairs
- Home Affairs
- Disasters

SOFT NEWS

- Human Interest
- Entertainment
- Sport

Market Situation/Validation (2)





4 Increased Fake News

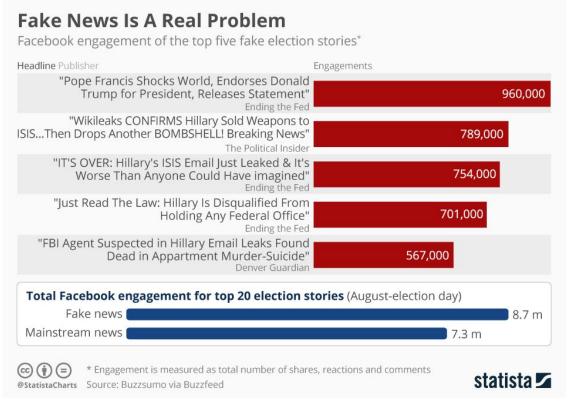
By 2022, the majority of individuals in mature economies will consume more false information than true information.

With an increasing amount of fake news, companies need to closely monitor what is being said about their brand and the context in which it is being said. Brands will need to cultivate a pattern of behavior and values that will reduce the ability of others to undermine the brand.

Market Situation/Validation (3)



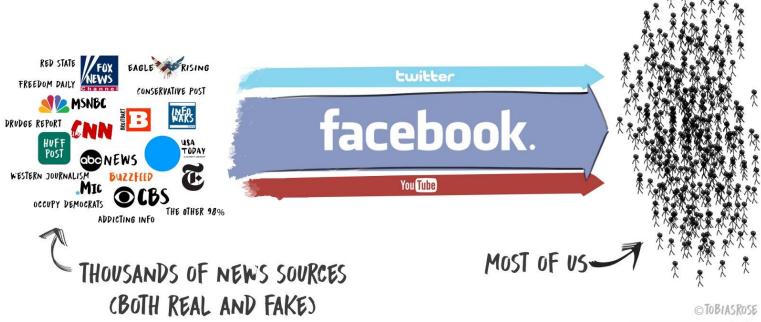




Market Situation/Validation (4)



HOW WE GET NEWS TODAY:



SOURCE: 2016 PEW RESEARCH CENTER STUDY

Product



Publish News

Register it on the Ledger

- TimeStamp
- **URL**
- PlainText (Hashed)

Oracles provide third party services



























Third Party Services



Reliable services based on the news ledger (Galtung and Ruge's list of news values):

- Impact
- Audience Identification
- Pragmatics of media coverage

Open Ledger + 3rd Party Business Model



B2B

- Third party API A.I. Services
- News origin identification.
- Tree of News variations based on root event news.
- Key insights to identify what content is working well, which major influencers are.
- Reputation Management based on algorithms measuring facts vs. opinions.
- Etc.

B2C

- True/False identification
- Origin of news

News Impact - Galtung and Ruge's (1973)



Threshold: The bigger impact the story has, the more people it affects.

Frequency: Events (murders, plane crashes), which occur suddenly are more readily reported.

Negativity: Bad news is more exciting than good news (death, tragedy, bankruptcy, violence, damage, natural disasters, extreme weather conditions) and more likely to be reported.

Unexpectedness: Event is out of the ordinary (i.e.: Man bites dog vs. opposite)

Unambiguity: Events easy to grasp make for better copy than those which are open to more than one interpretation.

Audience identification



Personalisation: People are interested in people (celebrities).

Meaningfulness: Cultural proximity (same language, preoccupations, etc.)

Reference To Elite Nations: Stories concerned with global powers (USA, North Corea, etc.)

Reference To Elite Persons: Rich, powerful, famous, infamous, etc.

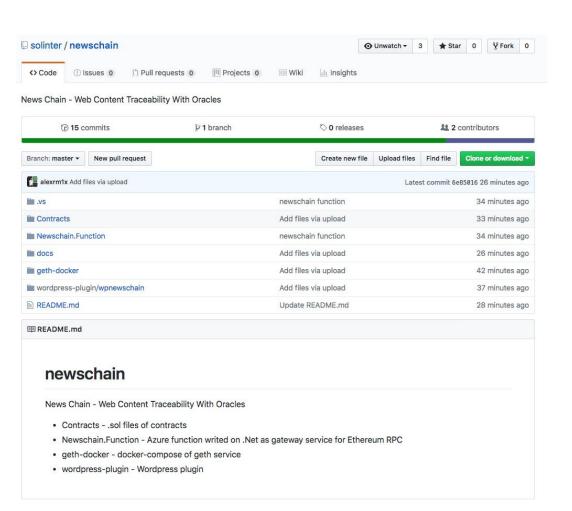
Pragmatics of Media Coverage



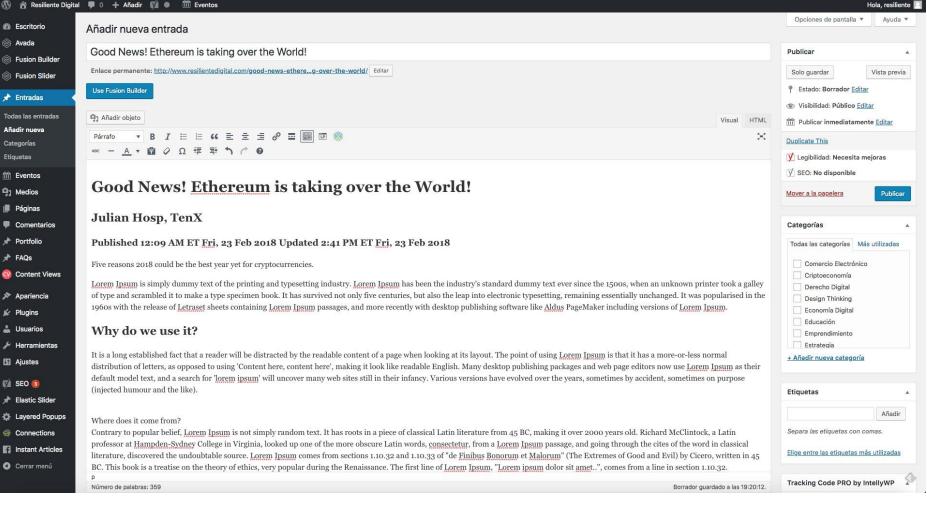
Consonance: Media's readiness to report an item.

Continuity: The running story.

Composition: Compensation of news (bad/good, foreign/local, etc).



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Smart Contracts & Result of Transaction (contract creation)

```
browser/HostPublisherContract.sol

pragma solidity ^0.4.4;

contract HostPublisherContract{
    string[] public hosts;

function AddHost(string newHost)

    {
        hosts.push(newHost);
    }
}
```

```
browser/PostContract.sol *

pragma solidity ^0.4.4;

recontract PostContract{
    string public Url;
    string public HashContent;

function AddPostContract(string url, string hashContent)

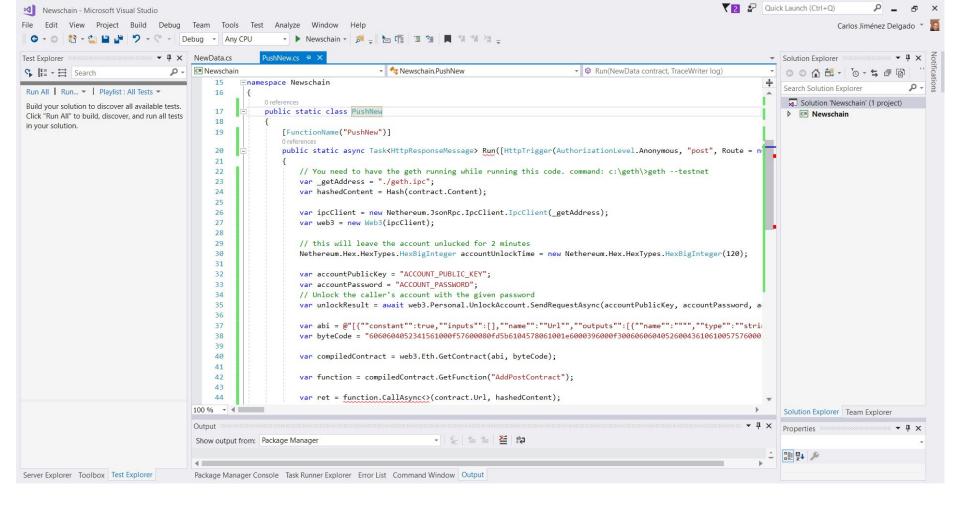
    {
        Url = url;
        HashContent = hashContent;
}
```



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