Yaqui Search

Science-aware P2P search engine (concept)

Dk14 @ doomsday-ecosystem

YAQUI SEARCH
Search...

As it stands, search engines and AI - are filled with irrelevant, unclear facts and data.

YaQui search will be server-less in-browser search engine (with p2p). Aimed at ecological and general scientific awareness. It will use Proof-Of-Work as a unique way of establishing public consensus over facts and relevance of content.

Search results will be ranked by PoW, making engine aware of most recent and relevant consensus, even over trivial facts. PoW will additionally provide security from DDoS attacks.

Technology comparison with other decentralized self-hosted search engines:

- none can be run purely on a webpage without self-hosted server; none use Web-RTC
- most use cryptocurrency as incentive, Yaqui does not - it is completely non-profit

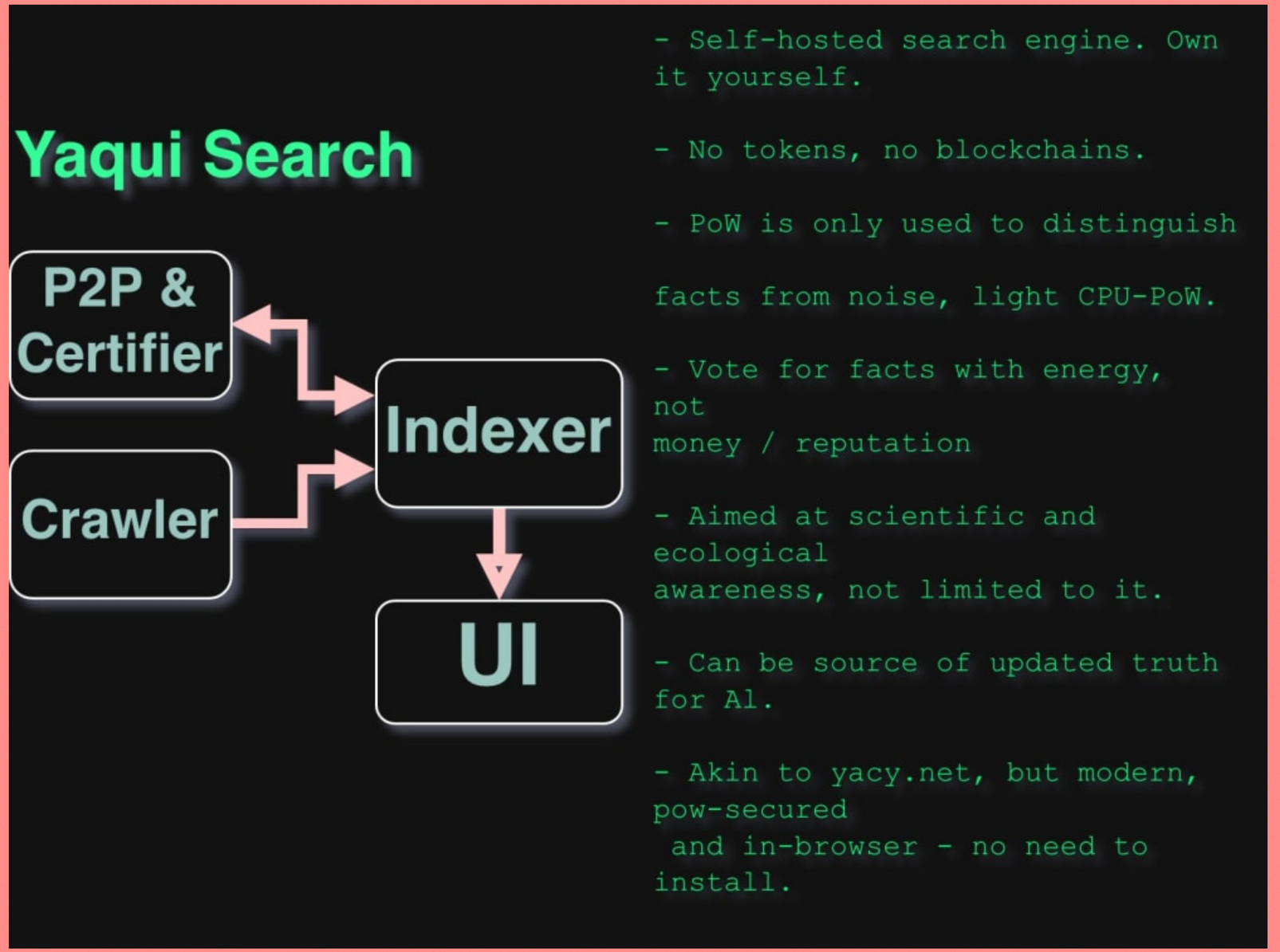
only YaCy.net stands out (https://yacy.net/)

- pros: does not use cryptocurrency, known established engine, well-maintained
- cons: has outdated UI, Java-based so has to be installed,
- cons: can be misused to search improper content,
  while “YaQui Search” will allow for consensus-driven policies
- cons: not protected from “the usenet killers": DDoS and spam attacks

YaQui Benefits:

- YaQui Search is aimed at promoting scientific facts about nature
- YaQui Search is aimed at establishing common truth
- YaQui Search can reduce AI hallucinations, since PoW emphasizes relevance

How:


Yaqui Search
P2P & Certifier
Crawler
Indexer
UI
- Self-hosted search engine. Own it yourself.
- No tokens, no blockchains.
- PoW is only used to distinguish facts from noise, light CPU-PoW.
- Vote for facts with energy, not money / reputation
- Aimed at scientific and ecological awareness, not limited to it.
- Can be source of updated truth for AI.
- Akin to yacy.net, but modern, pow-secured and in-browser - no need to install.