

landho

Part 1

Landho uses putfile method to save the search history into landho.json and it is encrypted.

Part 2

1. Landho prevents search engine website from capturing user's search history. It is done by creating a facade page and transfer the search parameter to the search engine anomalously. It also store the search history in landho.json. Once the search results come back, they are wrapped inside landho webpage.
2. For economical model, it can done through app-mining and get rewards from using blockstack. More importantly, the conventional way of scaling such a service over the whole, would require high cost of deploying multiply servers in various regions to host it. Hopefully, it can become among users who are aware of importancy of privacy. Futher work can be done by adding localisation for languages.
3. There is currently no browser plugin for landho to use it as the default search engine. Users have to open a new tab and go to landho first before using the search engine. Further work can be done by creating browser plugin.
4. If search engines in the future are going into blockchain, I would expect websites can pay in terms of cryptocurrency in order to get higher rank in the search result.