

A blockchain-based cybersecurity technology for Android app stores

Mobile apps are key communication links between companies and their customers. However, assuring the users' security and privacy, as well as the quality of the apps available, is challenging. App stores receive thousands of new apps per day, many of which with new unknown threats that are hard to detect.

To face this challenge, Aptoide, one of

the biggest Android app stores, is developing a disruptive approach based on reputation systems for app developers and app users.

In one hand, the developers' reputation allows the app store's services to focus first on apps of unknown or malicious developers. In the other, the users' reputation allows the app store to focus first on feedbacks from users that

usually provide accurate reactions regarding apps quality and security.

The knowledge base related to the reputation of developers and users is decentralized in a consortium blockchain, to be possible its adoption and contribution from several app stores, thus generating a global app economy with increased security, trust and transparency.

