Bosch Research

Economy of Things – Contributions to the community

Bosch and Fetch.ai to collaborate on preparations for launch of a fully functional blockchain network

Bosch is working with Fetch.ai as part of the launch of a fully functional blockchain network (v2.0 main-net), testing key features on the test-net until the end of February 2021. Sharing a common vision, the strategic advance engineering project "Economy of Things" (EoT) at Bosch Research and Fetch.ai aim to transform existing digital ecosystems using distributed ledger technologies (DLT) like blockchain. Cambridge-based Fetch.ai is also committed to ensuring that artificial intelligence (AI) makes its way into blockchains.

The Fetch.ai test-net program began in October 2020, and is integral to building an ecosystem for decentralized machine learning and autonomous economic agent applications that is fully interoperable with established web3.0 technologies like AI. The EoT team at Bosch Research will deploy a node on the network and assist in testing the first phase of Fetch.ai's next-generation blockchain with a view to running nodes and applications on the v2.0 main-net after it is launched in March 2021.

Bosch will evaluate Fetch.ai's collective learning technology as a key enabler in their plans for AI-enabled devices. The Artificial Intelligence of Things (AIoT) initiatives will create smart products that autonomously fulfil the needs of businesses and consumers. The Fetch.ai collective learning system provides the means to train AIs that operate within these smart devices while maintaining the user's privacy and agency over their data.

Jonathan Ward, CTO of Fetch.ai added: "We have been working with Bosch for some time towards our shared vision of building open, fair and transparent digital ecosystems. I'm delighted to be able to announce the first public step in bringing these technologies into the real world. We're looking forward to working further with Bosch to bring about the wide adoption of these ground-breaking innovations, which will hugely benefit consumers and businesses in many industries including automotive, manufacturing and healthcare."

"Our collaboration with Fetch.ai spans from the aspects governance and orchestration of DLT based ecosystems, multi agent technologies to collective learning. They share our belief that these elements are crucial to realizing the economic, social and environmental benefits of IoT technologies," says Dr. Alexander Poddey, leading researcher for digital socio-economy, cryptology, and artificial intelligence in the EoT project.

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