



CARDANO

RUST PROJECT

The Cardano Rust project is a modular toolbox for third-party developers. It contains Cardano cryptographic primitives, a library of wallet functions and a future alternative Cardano node implementation. These are all written in the Rust programming language

WALLET



BLOCKCHAIN NETWORK

HTTP BRIDGE

NATIVE NETWORK

Cardano core

Crypto

BLOCK



STORAGE

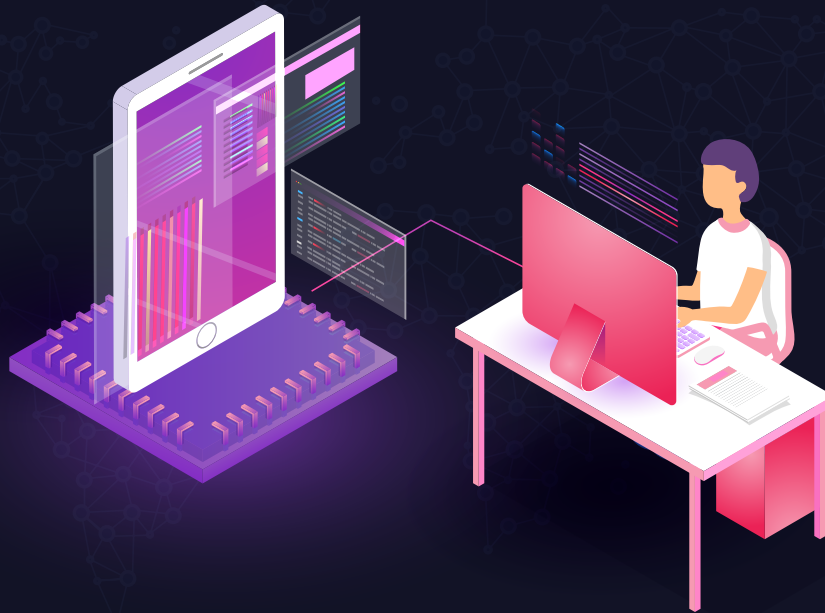
The Cardano Rust project engineers have created various packages to help developers interact with the Cardano protocol, as shown in the diagram above. As Cardano develops, more packages will be released

RUST is a lightweight, portable programming language that compiles to the web, iOS and Android

In time, the open source community can 'bridge' the Rust toolbox libraries to **JavaScript**, **C++**, **Python** and other languages. This means that developers will be able to build products that interface with the Cardano blockchain. IOHK's engineers welcome contributions from developers to help make this happen



CARDANO RUST IS AN OPEN SOURCE PROJECT. WE
ENCOURAGE THE WORLDWIDE DEVELOPER COMMUNITY
TO EXPAND THE RUST LIBRARIES AS A RESOURCE



WHO CAN USE CARDANO RUST?

The development kit is for third parties who want to interact easily with Cardano, such as, companies, individual software developers and cryptocurrency exchanges. Some examples of use cases are below

A mobile wallet provider can
add Ada to their wallet



A debit card company may add
Ada as a payment option



Conduct forensic analysis
of the Cardano blockchain



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