Who are we

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huge disclaimer: we are not designer 🤏🏽

What we built

Bravo (ACE)
Arbitrary Cartesi Composability Code Execution
(it's a just a POC, but will allow you to easily understand the power of Cartesi)

How it works

Bravo leverages Cartesi composability to execute arbitrary code inside an existing smart contract.

1) Through the provided library the smart contract can call the Cartesi VM to execute "any" piece of code

2) The Cartesi VM interpret the code and generate an answer that is sent back to the contract using a "Voucher" through a generic callback function

3) The smart contract is now able to execute any code you want! From a SQL Query or access your favorite library!
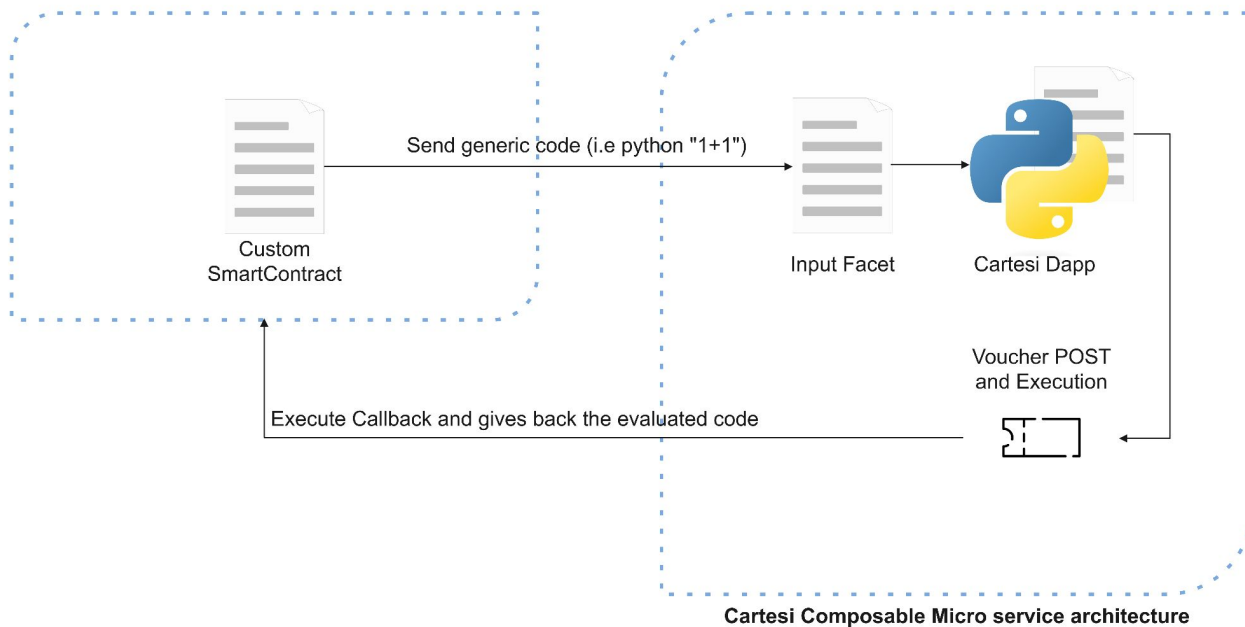
Architecture Overview

it's a semplified version :)

Send generic code (i.e python "1+1")

Custom
SmartContract

Input Facet

Cartesi Dapp

Voucher POST
and Execution

Execute Callback and gives back the evaluated code

Cartesi Composable Micro service architecture

Demo

https://github.com/slavni96/bravo

See you next time!